

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

5N-66W-05 VOLT 19-5 PAD

VOLT 14N-3C-L

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference	Design #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 2,500.00 usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Added to Error Values

Survey Tool Program	Date	11/18/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	18,060.31	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
5N-66W-04 Offsets Incomplete						
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,191.76	7,415.04	1,352.94	1,236.55	11.624	CC
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,200.00	7,415.05	1,352.96	1,236.44	11.611	ES
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,300.00	7,415.12	1,357.26	1,239.43	11.518	SF
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,836.90	7,206.45	1,367.34	1,278.48	15.387	CC, ES
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	11,000.00	7,206.77	1,377.03	1,286.37	15.189	SF
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	10,909.09	7,274.35	82.49	-7.67	0.915	Level 1, CC, ES, SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,246.26	7,463.47	100.56	-16.32	0.860	Level 1, CC, ES, SF
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,634.35	7,307.73	541.02	437.80	5.242	CC, ES, SF
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,143.10	7,189.54	632.52	555.02	8.162	CC, ES
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,200.00	7,189.08	635.07	557.16	8.151	SF
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,574.65	7,344.25	81.07	10.40	1.147	Level 2, CC, ES, SF
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,522.57	7,331.93	1,333.96	1,264.22	19.130	CC, ES
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,700.00	7,331.20	1,345.70	1,274.22	18.825	SF
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,769.77	7,351.74	2,148.00	2,036.03	19.184	CC
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,800.00	7,351.84	2,148.22	2,035.77	19.104	ES
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	12,100.00	7,352.78	2,173.24	2,056.99	18.694	SF
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	9,551.46	9,380.08	2,233.06	2,114.11	18.773	CC
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	18,060.31	17,862.75	2,268.78	1,762.22	4.479	ES, SF
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,000.00	8,116.00	2,214.31	2,159.44	40.358	ES, SF
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,025.99	8,100.10	2,214.15	2,159.52	40.526	CC
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	4,524.98	4,439.87	965.84	943.35	42.941	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	7,000.00	6,831.54	1,092.80	1,058.22	31.607	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	5,613.60	5,951.06	2,155.44	2,121.16	62.872	CC
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	5,700.00	6,024.90	2,155.72	2,120.96	62.012	ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	7,600.00	7,482.61	2,470.80	2,423.76	52.526	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,627.14	7,564.57	2,170.85	2,120.67	43.259	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	8,400.00	7,582.73	2,302.76	2,246.55	40.966	SF

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	200.00	202.00	120.00	112.42	15.842	CC, ES
VOLT 11C-3-L - Wellbore #1 - Design #1	18,060.31	18,105.77	1,019.38	637.35	2.668	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	200.00	202.00	160.09	152.51	21.135	CC, ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	18,060.31	17,959.45	1,501.35	1,116.83	3.905	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	200.00	202.00	140.04	132.47	18.489	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	18,060.31	18,029.62	1,287.61	903.09	3.349	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	7,030.78	7,802.63	979.52	938.38	23.810	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	8,000.00	7,062.37	1,047.10	1,001.23	22.828	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	975.93	800.00	1,091.11	1,082.11	121.292	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	8,200.00	7,035.76	1,221.29	1,171.77	24.664	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	1,012.13	834.31	1,107.47	1,098.33	121.186	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	8,400.00	6,987.75	1,413.51	1,361.02	26.932	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	7,778.54	7,374.76	319.82	274.32	7.029	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	7,800.00	7,357.65	320.07	274.44	7.015	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,311.78	7,653.82	253.17	212.00	6.150	CC, ES, SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,500.19	7,521.87	76.04	33.46	1.786	CC, ES, SF
VOLT 14C-3-L - Wellbore #1 - Design #1	200.00	201.00	40.09	32.52	5.293	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	18,060.31	18,148.13	424.23	50.85	1.136	Level 2, SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	200.00	201.00	20.05	12.47	2.647	CC
VOLT 14N-3B-L - Wellbore #1 - Design #1	18,060.31	17,967.70	269.62	-105.79	0.718	Level 1, ES, SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	200.00	201.00	60.14	52.56	7.940	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	18,060.31	17,843.93	497.43	136.07	1.377	Level 3, SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	395.48	404.07	99.79	92.02	12.841	CC
VOLT 23N-3B-L - Wellbore #1 - Design #1	400.00	408.74	99.79	92.01	12.831	ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	18,060.31	17,945.44	860.74	477.10	2.244	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	200.00	202.00	80.18	72.61	10.586	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	18,060.31	18,032.40	642.54	258.24	1.672	SF
VOLT 25C-3-L - Wellbore #1 - Design #1	200.00	203.00	180.13	172.56	23.780	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	18,060.31	18,123.28	1,696.82	1,313.13	4.422	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	214.02	217.95	199.90	192.31	26.354	CC, ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	18,060.31	17,857.42	1,750.57	1,366.93	4.563	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	200.00	203.00	219.95	212.37	29.036	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	18,060.31	18,076.20	1,931.46	1,546.41	5.016	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	1,109.11	928.40	1,134.88	1,125.36	119.271	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	8,500.00	6,977.47	1,607.75	1,553.06	29.398	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	1,039.15	859.88	1,126.41	1,117.14	121.555	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	8,500.00	6,850.00	1,725.93	1,672.31	32.191	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	1,057.46	874.15	1,166.31	1,156.95	124.634	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	8,700.00	6,871.00	1,867.72	1,810.92	32.886	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	7,867.76	7,300.28	774.13	727.62	16.644	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	8,000.00	7,213.19	779.75	732.16	16.383	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,081.09	7,700.85	410.61	370.29	10.183	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,100.00	7,688.46	410.86	370.47	10.172	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,382.57	7,709.24	660.72	618.85	15.782	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,800.00	7,300.94	668.14	623.20	14.869	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	7,751.06	7,337.45	376.10	330.42	8.233	CC, ES
VOLT 34C-6-M - Wellbore #1 - Design #1	7,800.00	7,302.63	377.58	331.22	8.145	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,355.52	7,574.75	190.81	149.31	4.598	CC, ES, SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,625.93	7,376.08	580.06	535.55	13.032	CC, ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,800.00	7,245.82	588.05	541.66	12.677	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	708.82	702.85	34.77	26.43	4.171	CC, ES
VOLT 36C-3-L - Wellbore #1 - Design #1	17,716.02	17,902.23	442.78	79.85	1.220	Level 2, SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	735.66	726.89	51.22	42.80	6.086	CC, ES

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Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 36N-3A-L - Wellbore #1 - Design #1	17,697.63	17,609.18	679.21	319.75	1.890	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	700.00	696.81	18.25	9.94	2.196	CC
VOLT 36N-3B-L - Wellbore #1 - Design #1	18,047.51	18,004.60	222.33	-148.51	0.600	Level 1, ES, SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,310.37	15,282.48	862.58	595.97	3.235	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,600.00	17,557.17	868.22	504.39	2.386	ES, SF
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	10,744.99	8,160.04	798.26	675.35	6.495	CC
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	18,060.31	15,524.91	850.37	362.74	1.744	ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	10,536.11	7,877.81	1,143.77	1,028.05	9.884	CC
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	18,060.31	15,404.05	1,181.54	694.23	2.425	ES, SF

Offset Design											5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)			Offset Site Error:		0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
10,100.00	7,185.38	7,413.40	7,143.14	60.65	21.79	-90.16	997.64	6,188.56	2,491.16	2,433.93	57.23	43.529				
10,200.00	7,184.90	7,413.48	7,143.22	62.24	21.79	-90.16	997.64	6,188.56	2,407.81	2,348.80	59.01	40.803				
10,300.00	7,184.42	7,413.56	7,143.30	63.83	21.79	-90.16	997.64	6,188.56	2,325.77	2,264.84	60.93	38.173				
10,400.00	7,183.95	7,413.64	7,143.38	65.43	21.79	-90.17	997.64	6,188.56	2,245.18	2,182.19	62.99	35.644				
10,500.00	7,183.47	7,413.71	7,143.46	67.04	21.79	-90.17	997.64	6,188.56	2,166.22	2,101.01	65.20	33.223				
10,600.00	7,183.00	7,413.79	7,143.53	68.64	21.79	-90.17	997.64	6,188.56	2,089.05	2,021.47	67.58	30.913				
10,700.00	7,182.52	7,413.87	7,143.61	70.25	21.79	-90.18	997.64	6,188.56	2,013.90	1,943.78	70.12	28.721				
10,800.00	7,182.05	7,413.95	7,143.69	71.86	21.79	-90.18	997.64	6,188.57	1,940.99	1,868.16	72.83	26.651				
10,900.00	7,181.57	7,414.03	7,143.77	73.48	21.79	-90.18	997.64	6,188.57	1,870.58	1,794.87	75.72	24.705				
11,000.00	7,181.10	7,414.11	7,143.85	75.09	21.79	-90.19	997.64	6,188.57	1,802.98	1,724.21	78.77	22.889				
11,100.00	7,180.62	7,414.18	7,143.93	76.71	21.79	-90.19	997.64	6,188.57	1,738.50	1,656.51	81.99	21.204				
11,200.00	7,180.15	7,414.26	7,144.00	78.33	21.79	-90.19	997.64	6,188.57	1,677.51	1,592.15	85.36	19.653				
11,300.00	7,179.67	7,414.34	7,144.08	79.96	21.79	-90.20	997.64	6,188.57	1,620.39	1,531.55	88.85	18.238				
11,400.00	7,179.19	7,414.42	7,144.16	81.58	21.79	-90.20	997.64	6,188.57	1,567.59	1,475.16	92.43	16.960				
11,500.00	7,178.72	7,414.50	7,144.24	83.21	21.79	-90.20	997.64	6,188.57	1,519.53	1,423.48	96.05	15.820				
11,600.00	7,178.24	7,414.58	7,144.32	84.84	21.79	-90.21	997.64	6,188.57	1,476.69	1,377.04	99.66	14.818				
11,700.00	7,177.77	7,414.65	7,144.40	86.47	21.79	-90.21	997.64	6,188.57	1,439.54	1,336.36	103.18	13.952				
11,800.00	7,177.29	7,414.73	7,144.48	88.11	21.79	-90.21	997.64	6,188.57	1,408.52	1,301.99	106.52	13.222				
11,900.00	7,176.82	7,414.81	7,144.55	89.74	21.79	-90.22	997.64	6,188.57	1,384.04	1,274.42	109.62	12.626				
12,000.00	7,176.34	7,414.89	7,144.63	91.38	21.79	-90.22	997.64	6,188.57	1,366.46	1,254.10	112.36	12.161				
12,100.00	7,175.87	7,414.97	7,144.71	93.01	21.79	-90.22	997.64	6,188.57	1,356.05	1,241.36	114.69	11.824				
12,191.76	7,175.43	7,415.04	7,144.78	94.52	21.79	-90.23	997.64	6,188.57	1,352.94	1,236.55	116.39	11.624	CC			
12,200.00	7,175.39	7,415.05	7,144.79	94.65	21.79	-90.23	997.64	6,188.57	1,352.96	1,236.44	116.52	11.611	ES			
12,300.00	7,174.91	7,415.12	7,144.87	96.29	21.79	-90.23	997.64	6,188.57	1,357.26	1,239.43	117.84	11.518	SF			
12,400.00	7,174.44	7,415.20	7,144.95	97.93	21.79	-90.23	997.63	6,188.57	1,368.87	1,250.26	118.61	11.541				
12,500.00	7,173.96	7,415.28	7,145.02	99.57	21.79	-90.24	997.63	6,188.57	1,387.61	1,268.75	118.86	11.675				
12,600.00	7,173.49	7,415.36	7,145.10	101.21	21.79	-90.24	997.63	6,188.57	1,413.19	1,294.57	118.61	11.914				
12,700.00	7,173.01	7,415.44	7,145.18	102.86	21.79	-90.24	997.63	6,188.57	1,445.25	1,327.31	117.94	12.254				
12,800.00	7,172.54	7,415.52	7,145.26	104.50	21.79	-90.25	997.63	6,188.57	1,483.37	1,366.48	116.90	12.690				
12,900.00	7,172.06	7,415.60	7,145.34	106.15	21.79	-90.25	997.63	6,188.57	1,527.10	1,411.55	115.56	13.215				
13,000.00	7,171.59	7,415.67	7,145.42	107.79	21.79	-90.25	997.63	6,188.57	1,575.97	1,461.99	113.99	13.826				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,171.11	7,415.75	7,145.49	109.44	21.79	-90.26	997.63	6,188.58	1,629.52	1,517.27	112.25	14.517	
13,200.00	7,170.64	7,415.83	7,145.57	111.09	21.79	-90.26	997.63	6,188.58	1,687.30	1,576.90	110.40	15.283	
13,300.00	7,170.16	7,415.91	7,145.65	112.74	21.79	-90.26	997.63	6,188.58	1,748.90	1,640.40	108.49	16.120	
13,400.00	7,169.68	7,415.99	7,145.73	114.39	21.79	-90.27	997.63	6,188.58	1,813.91	1,707.35	106.56	17.022	
13,500.00	7,169.21	7,416.07	7,145.81	116.04	21.79	-90.27	997.63	6,188.58	1,882.00	1,777.37	104.63	17.986	
13,600.00	7,168.73	7,416.14	7,145.89	117.69	21.79	-90.27	997.63	6,188.58	1,952.84	1,850.10	102.74	19.008	
13,700.00	7,168.26	7,416.22	7,145.96	119.34	21.79	-90.28	997.63	6,188.58	2,026.14	1,925.25	100.88	20.084	
13,800.00	7,167.78	7,418.68	7,148.42	120.99	21.79	-90.38	997.62	6,188.60	2,101.63	2,002.53	99.10	21.207	
13,900.00	7,167.31	7,418.92	7,148.66	122.64	21.79	-90.39	997.62	6,188.61	2,179.10	2,081.73	97.37	22.379	
14,000.00	7,166.83	7,419.16	7,148.90	124.29	21.79	-90.40	997.62	6,188.61	2,258.35	2,162.63	95.72	23.594	
14,100.00	7,166.36	7,419.41	7,149.15	125.95	21.80	-90.41	997.62	6,188.61	2,339.18	2,245.05	94.14	24.849	
14,200.00	7,165.88	7,419.66	7,149.40	127.60	21.80	-90.42	997.62	6,188.61	2,421.45	2,328.82	92.63	26.142	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,800.00	7,191.56	7,202.49	7,149.02	40.58	15.89	-90.09	1,010.66	4,833.69	2,453.27	2,406.94	46.33	52.947	
8,900.00	7,191.08	7,202.68	7,149.21	42.07	15.89	-90.10	1,010.66	4,833.69	2,370.90	2,323.32	47.58	49.832	
9,000.00	7,190.61	7,202.88	7,149.40	43.56	15.89	-90.11	1,010.66	4,833.69	2,289.93	2,241.00	48.93	46.798	
9,100.00	7,190.13	7,203.07	7,149.60	45.07	15.89	-90.11	1,010.66	4,833.69	2,210.52	2,160.12	50.40	43.856	
9,200.00	7,189.66	7,203.26	7,149.79	46.59	15.89	-90.12	1,010.65	4,833.69	2,132.85	2,080.85	52.00	41.017	
9,300.00	7,189.18	7,203.46	7,149.98	48.13	15.89	-90.13	1,010.65	4,833.69	2,057.10	2,003.37	53.72	38.290	
9,400.00	7,188.70	7,203.65	7,150.18	49.67	15.89	-90.14	1,010.65	4,833.69	1,983.50	1,927.92	55.58	35.687	
9,500.00	7,188.23	7,203.84	7,150.37	51.22	15.89	-90.15	1,010.65	4,833.70	1,912.30	1,854.73	57.57	33.216	
9,600.00	7,187.75	7,204.04	7,150.57	52.77	15.89	-90.15	1,010.65	4,833.70	1,843.78	1,784.08	59.70	30.885	
9,700.00	7,187.28	7,204.23	7,150.76	54.34	15.89	-90.16	1,010.65	4,833.70	1,778.24	1,716.28	61.96	28.701	
9,800.00	7,186.80	7,204.43	7,150.96	55.91	15.89	-90.17	1,010.65	4,833.70	1,716.03	1,651.69	64.34	26.672	
9,900.00	7,186.33	7,204.62	7,151.15	57.48	15.89	-90.18	1,010.65	4,833.70	1,657.52	1,590.69	66.83	24.801	
10,000.00	7,185.85	7,204.82	7,151.34	59.06	15.89	-90.19	1,010.65	4,833.70	1,603.12	1,533.71	69.41	23.095	
10,100.00	7,185.38	7,205.01	7,151.54	60.65	15.89	-90.20	1,010.65	4,833.70	1,553.26	1,481.20	72.06	21.555	
10,200.00	7,184.90	7,205.21	7,151.73	62.24	15.89	-90.20	1,010.65	4,833.71	1,508.39	1,433.66	74.73	20.185	
10,300.00	7,184.42	7,205.40	7,151.93	63.83	15.89	-90.21	1,010.65	4,833.71	1,468.97	1,391.59	77.38	18.985	
10,400.00	7,183.95	7,205.60	7,152.12	65.43	15.90	-90.22	1,010.64	4,833.71	1,435.44	1,355.49	79.95	17.954	
10,500.00	7,183.47	7,205.79	7,152.32	67.04	15.90	-90.23	1,010.64	4,833.71	1,408.23	1,325.84	82.39	17.092	
10,600.00	7,183.00	7,205.99	7,152.51	68.64	15.90	-90.24	1,010.64	4,833.71	1,387.71	1,303.07	84.64	16.396	
10,700.00	7,182.52	7,206.18	7,152.71	70.25	15.90	-90.24	1,010.64	4,833.71	1,374.17	1,287.54	86.63	15.862	
10,800.00	7,182.05	7,206.38	7,152.90	71.86	15.90	-90.25	1,010.64	4,833.71	1,367.83	1,279.51	88.32	15.487	
10,836.90	7,181.87	7,206.45	7,152.98	72.46	15.90	-90.26	1,010.64	4,833.71	1,367.34	1,278.48	88.86	15.387 CC, ES	
10,900.00	7,181.57	7,206.57	7,153.10	73.48	15.90	-90.26	1,010.64	4,833.71	1,368.79	1,279.12	89.67	15.265	
11,000.00	7,181.10	7,206.77	7,153.29	75.09	15.90	-90.27	1,010.64	4,833.72	1,377.03	1,286.37	90.66	15.189 SF	
11,100.00	7,180.62	7,206.96	7,153.49	76.71	15.90	-90.28	1,010.64	4,833.72	1,392.42	1,301.14	91.28	15.254	
11,200.00	7,180.15	7,207.16	7,153.69	78.33	15.90	-90.29	1,010.64	4,833.72	1,414.73	1,323.17	91.55	15.452	
11,300.00	7,179.67	7,207.35	7,153.88	79.96	15.90	-90.29	1,010.64	4,833.72	1,443.63	1,352.13	91.50	15.777	
11,400.00	7,179.19	7,207.55	7,154.08	81.58	15.90	-90.30	1,010.64	4,833.72	1,478.75	1,387.58	91.17	16.220	
11,500.00	7,178.72	7,207.74	7,154.27	83.21	15.90	-90.31	1,010.63	4,833.72	1,519.64	1,429.05	90.59	16.775	
11,600.00	7,178.24	7,207.94	7,154.47	84.84	15.90	-90.32	1,010.63	4,833.72	1,565.86	1,476.04	89.82	17.433	
11,700.00	7,177.77	7,208.14	7,154.66	86.47	15.90	-90.33	1,010.63	4,833.72	1,616.96	1,528.06	88.90	18.189	
11,800.00	7,177.29	7,208.33	7,154.86	88.11	15.90	-90.33	1,010.63	4,833.73	1,672.47	1,584.61	87.87	19.034	
11,900.00	7,176.82	7,208.53	7,155.06	89.74	15.90	-90.34	1,010.63	4,833.73	1,731.99	1,645.23	86.76	19.963	
12,000.00	7,176.34	7,208.73	7,155.25	91.38	15.90	-90.35	1,010.63	4,833.73	1,795.11	1,709.50	85.61	20.968	
12,100.00	7,175.87	7,208.92	7,155.45	93.01	15.90	-90.36	1,010.63	4,833.73	1,861.46	1,777.02	84.44	22.045	
12,200.00	7,175.39	7,209.12	7,155.65	94.65	15.90	-90.37	1,010.63	4,833.73	1,930.71	1,847.45	83.26	23.188	
12,300.00	7,174.91	7,209.31	7,155.84	96.29	15.90	-90.38	1,010.63	4,833.73	2,002.57	1,920.46	82.10	24.391	
12,400.00	7,174.44	7,209.51	7,156.04	97.93	15.90	-90.38	1,010.63	4,833.73	2,076.75	1,995.78	80.97	25.650	
12,500.00	7,173.96	7,209.71	7,156.24	99.57	15.90	-90.39	1,010.63	4,833.74	2,153.02	2,073.16	79.86	26.960	
12,600.00	7,173.49	7,209.90	7,156.43	101.21	15.90	-90.40	1,010.63	4,833.74	2,231.17	2,152.38	78.79	28.317	
12,700.00	7,173.01	7,210.10	7,156.63	102.86	15.90	-90.41	1,010.62	4,833.74	2,311.01	2,233.24	77.77	29.717	
12,800.00	7,172.54	7,210.30	7,156.83	104.50	15.90	-90.42	1,010.62	4,833.74	2,392.36	2,315.57	76.79	31.156	
12,900.00	7,172.06	7,210.50	7,157.02	106.15	15.90	-90.43	1,010.62	4,833.74	2,475.07	2,399.22	75.85	32.632	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,500.00	7,192.98	7,244.82	7,118.40	36.23	16.90	71.27	-439.59	4,906.87	2,410.32	2,373.20	37.12	64.933		
8,600.00	7,192.51	7,246.03	7,119.62	37.66	16.90	72.02	-439.57	4,906.89	2,310.39	2,273.22	37.16	62.167		
8,700.00	7,192.03	7,247.25	7,120.83	39.11	16.90	72.78	-439.55	4,906.91	2,210.46	2,173.25	37.21	59.406		
8,800.00	7,191.56	7,248.46	7,122.04	40.58	16.91	73.55	-439.53	4,906.93	2,110.54	2,073.29	37.26	56.649		
8,900.00	7,191.08	7,249.68	7,123.26	42.07	16.91	74.32	-439.51	4,906.95	2,010.63	1,973.33	37.30	53.898		
9,000.00	7,190.61	7,250.90	7,124.48	43.56	16.91	75.10	-439.48	4,906.97	1,910.73	1,873.37	37.35	51.152		
9,100.00	7,190.13	7,252.12	7,125.70	45.07	16.91	75.89	-439.46	4,906.99	1,810.83	1,773.43	37.40	48.412		
9,200.00	7,189.66	7,253.34	7,126.92	46.59	16.91	76.68	-439.44	4,907.01	1,710.95	1,673.49	37.46	45.677		
9,300.00	7,189.18	7,254.56	7,128.14	48.13	16.92	77.48	-439.42	4,907.03	1,611.08	1,573.57	37.51	42.948		
9,400.00	7,188.70	7,255.78	7,129.36	49.67	16.92	78.28	-439.40	4,907.05	1,511.23	1,473.66	37.57	40.224		
9,500.00	7,188.23	7,257.00	7,130.58	51.22	16.92	79.09	-439.38	4,907.08	1,411.40	1,373.77	37.63	37.506		
9,600.00	7,187.75	7,258.23	7,131.80	52.77	16.92	79.91	-439.36	4,907.10	1,311.59	1,273.89	37.70	34.793		
9,700.00	7,187.28	7,259.45	7,133.03	54.34	16.93	80.73	-439.34	4,907.12	1,211.81	1,174.04	37.77	32.085		
9,800.00	7,186.80	7,260.68	7,134.26	55.91	16.93	81.56	-439.32	4,907.14	1,112.07	1,074.22	37.85	29.381		
9,900.00	7,186.33	7,261.90	7,135.48	57.48	16.93	82.39	-439.30	4,907.16	1,012.38	974.44	37.95	26.680		
10,000.00	7,185.85	7,263.13	7,136.71	59.06	16.93	83.23	-439.28	4,907.18	912.76	874.69	38.06	23.980		
10,100.00	7,185.38	7,264.36	7,137.94	60.65	16.94	84.07	-439.26	4,907.20	813.22	775.01	38.22	21.278		
10,200.00	7,184.90	7,265.59	7,139.17	62.24	16.94	84.91	-439.24	4,907.22	713.82	675.38	38.44	18.571		
10,300.00	7,184.42	7,266.83	7,140.40	63.83	16.94	85.76	-439.21	4,907.24	614.61	575.84	38.77	15.853		
10,400.00	7,183.95	7,268.06	7,141.64	65.43	16.94	86.61	-439.19	4,907.26	515.69	476.37	39.32	13.115		
10,500.00	7,183.47	7,269.29	7,142.87	67.04	16.94	87.46	-439.17	4,907.29	417.29	376.96	40.33	10.347		
10,600.00	7,183.00	7,270.53	7,144.10	68.64	16.95	88.32	-439.15	4,907.31	319.89	277.47	42.41	7.542		
10,700.00	7,182.52	7,271.77	7,145.34	70.25	16.95	89.18	-439.13	4,907.33	224.76	177.41	47.35	4.747		
10,800.00	7,182.05	7,273.00	7,146.58	71.86	16.95	90.03	-439.11	4,907.35	136.76	75.71	61.06	2.240		
10,900.00	7,181.57	7,274.24	7,147.82	73.48	16.95	90.89	-439.09	4,907.37	82.99	-6.22	89.21	0.930 Level 1		
10,909.09	7,181.53	7,274.35	7,147.93	73.62	16.95	90.97	-439.09	4,907.37	82.49	-7.67	90.16	0.915 Level 1, CC, ES, SF		
11,000.00	7,181.10	7,275.48	7,149.06	75.09	16.96	91.76	-439.07	4,907.39	122.75	50.34	72.41	1.695		
11,100.00	7,180.62	7,276.72	7,150.30	76.71	16.96	92.62	-439.05	4,907.41	207.96	151.77	56.19	3.701		
11,200.00	7,180.15	7,277.96	7,151.54	78.33	16.96	93.48	-439.03	4,907.43	302.36	252.82	49.54	6.104		
11,300.00	7,179.67	7,279.21	7,152.78	79.96	16.96	94.34	-439.00	4,907.46	399.49	353.10	46.39	8.612		
11,400.00	7,179.19	7,280.45	7,154.02	81.58	16.97	95.20	-438.98	4,907.48	497.75	453.08	44.68	11.142		
11,500.00	7,178.72	7,281.70	7,155.27	83.21	16.97	96.06	-438.96	4,907.50	596.59	552.93	43.66	13.665		
11,600.00	7,178.24	7,282.94	7,156.52	84.84	16.97	96.92	-438.94	4,907.52	695.76	652.75	43.02	16.174		
11,700.00	7,177.77	7,284.19	7,157.76	86.47	16.97	97.77	-438.92	4,907.54	795.14	752.54	42.60	18.667		
11,800.00	7,177.29	7,285.44	7,159.01	88.11	16.98	98.63	-438.90	4,907.56	894.65	852.34	42.31	21.143		
11,900.00	7,176.82	7,286.69	7,160.26	89.74	16.98	99.48	-438.88	4,907.58	994.26	952.13	42.13	23.602		
12,000.00	7,176.34	7,287.94	7,161.51	91.38	16.98	100.32	-438.86	4,907.61	1,093.94	1,051.94	42.00	26.046		
12,100.00	7,175.87	7,289.19	7,162.76	93.01	16.98	101.17	-438.83	4,907.63	1,193.67	1,151.75	41.92	28.473		
12,200.00	7,175.39	7,290.45	7,164.02	94.65	16.98	102.01	-438.81	4,907.65	1,293.44	1,251.56	41.88	30.885		
12,300.00	7,174.91	7,291.70	7,165.27	96.29	16.99	102.85	-438.79	4,907.67	1,393.25	1,351.38	41.86	33.282		
12,400.00	7,174.44	7,292.96	7,166.53	97.93	16.99	103.68	-438.77	4,907.69	1,493.07	1,451.21	41.87	35.663		
12,500.00	7,173.96	7,294.21	7,167.78	99.57	16.99	104.51	-438.75	4,907.71	1,592.92	1,551.04	41.89	38.030		
12,600.00	7,173.49	7,295.47	7,169.04	101.21	16.99	105.33	-438.73	4,907.73	1,692.79	1,650.87	41.92	40.382		
12,700.00	7,173.01	7,296.73	7,170.30	102.86	17.00	106.15	-438.71	4,907.76	1,792.67	1,750.71	41.96	42.719		
12,800.00	7,172.54	7,297.99	7,171.56	104.50	17.00	106.96	-438.68	4,907.78	1,892.56	1,850.54	42.02	45.042		
12,900.00	7,172.06	7,299.25	7,172.82	106.15	17.00	107.77	-438.66	4,907.80	1,992.46	1,950.38	42.08	47.351		
13,000.00	7,171.59	7,300.51	7,174.08	107.79	17.00	108.57	-438.64	4,907.82	2,092.37	2,050.23	42.15	49.645		
13,100.00	7,171.11	7,301.78	7,175.34	109.44	17.01	109.36	-438.62	4,907.84	2,192.29	2,150.07	42.22	51.924		
13,200.00	7,170.64	7,303.04	7,176.61	111.09	17.01	110.15	-438.60	4,907.87	2,292.22	2,249.92	42.30	54.189		
13,300.00	7,170.16	7,304.31	7,177.87	112.74	17.01	110.93	-438.58	4,907.89	2,392.15	2,349.76	42.38	56.440		
13,400.00	7,169.68	7,305.58	7,179.14	114.39	17.01	111.70	-438.56	4,907.91	2,492.08	2,449.61	42.47	58.677		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,800.00	7,186.80	7,463.18	7,138.29	55.91	21.87	89.50	-455.79	6,244.53	2,448.33	2,409.16	39.17	62.505	
9,900.00	7,186.33	7,463.20	7,138.30	57.48	21.87	89.50	-455.79	6,244.53	2,348.41	2,309.19	39.23	59.865	
10,000.00	7,185.85	7,463.21	7,138.31	59.06	21.87	89.51	-455.79	6,244.53	2,248.51	2,209.22	39.29	57.231	
10,100.00	7,185.38	7,463.22	7,138.32	60.65	21.87	89.52	-455.79	6,244.53	2,148.61	2,109.26	39.35	54.602	
10,200.00	7,184.90	7,463.23	7,138.34	62.24	21.87	89.53	-455.79	6,244.53	2,048.73	2,009.31	39.42	51.978	
10,300.00	7,184.42	7,463.24	7,138.35	63.83	21.87	89.53	-455.79	6,244.53	1,948.86	1,909.37	39.48	49.360	
10,400.00	7,183.95	7,463.26	7,138.36	65.43	21.87	89.54	-455.79	6,244.53	1,849.00	1,809.44	39.55	46.746	
10,500.00	7,183.47	7,463.27	7,138.37	67.04	21.87	89.55	-455.79	6,244.53	1,749.15	1,709.52	39.63	44.138	
10,600.00	7,183.00	7,463.28	7,138.39	68.64	21.87	89.55	-455.79	6,244.53	1,649.33	1,609.62	39.71	41.534	
10,700.00	7,182.52	7,463.29	7,138.40	70.25	21.87	89.56	-455.79	6,244.53	1,549.53	1,509.73	39.80	38.934	
10,800.00	7,182.05	7,463.30	7,138.41	71.86	21.87	89.57	-455.79	6,244.53	1,449.75	1,409.86	39.90	36.338	
10,900.00	7,181.57	7,463.32	7,138.42	73.48	21.87	89.57	-455.79	6,244.53	1,350.01	1,310.00	40.01	33.744	
11,000.00	7,181.10	7,463.33	7,138.43	75.09	21.87	89.58	-455.79	6,244.53	1,250.31	1,210.17	40.14	31.152	
11,100.00	7,180.62	7,463.34	7,138.44	76.71	21.87	89.59	-455.79	6,244.53	1,150.66	1,110.37	40.29	28.559	
11,200.00	7,180.15	7,463.35	7,138.45	78.33	21.87	89.59	-455.79	6,244.53	1,051.08	1,010.60	40.48	25.963	
11,300.00	7,179.67	7,463.36	7,138.47	79.96	21.87	89.60	-455.79	6,244.53	951.59	910.85	40.73	23.361	
11,400.00	7,179.19	7,463.37	7,138.48	81.58	21.87	89.61	-455.79	6,244.53	852.21	811.14	41.07	20.749	
11,500.00	7,178.72	7,463.38	7,138.49	83.21	21.87	89.61	-455.79	6,244.53	753.00	711.45	41.55	18.122	
11,600.00	7,178.24	7,463.39	7,138.50	84.84	21.87	89.62	-455.79	6,244.53	654.04	611.77	42.27	15.473	
11,700.00	7,177.77	7,463.41	7,138.51	86.47	21.87	89.62	-455.79	6,244.53	555.44	512.04	43.40	12.798	
11,800.00	7,177.29	7,463.42	7,138.52	88.11	21.87	89.63	-455.79	6,244.53	457.45	412.14	45.31	10.096	
11,900.00	7,176.82	7,463.43	7,138.53	89.74	21.87	89.64	-455.79	6,244.53	360.56	311.78	48.79	7.390	
12,000.00	7,176.34	7,463.44	7,138.54	91.38	21.87	89.64	-455.79	6,244.53	266.00	210.24	55.76	4.771	
12,100.00	7,175.87	7,463.45	7,138.55	93.01	21.87	89.65	-455.79	6,244.53	177.49	106.12	71.38	2.487	
12,200.00	7,175.39	7,463.46	7,138.57	94.65	21.87	89.66	-455.79	6,244.53	110.69	5.82	104.87	1.055 Level 2	
12,246.26	7,175.17	7,463.47	7,138.57	95.41	21.87	89.66	-455.79	6,244.53	100.56	-16.32	116.87	0.860 Level 1, CC, ES, SF	
12,300.00	7,174.91	7,463.47	7,138.58	96.29	21.87	89.66	-455.79	6,244.53	114.01	4.65	109.36	1.043 Level 2	
12,400.00	7,174.44	7,463.48	7,138.59	97.93	21.87	89.67	-455.79	6,244.53	183.70	103.10	80.61	2.279	
12,500.00	7,173.96	7,463.49	7,138.60	99.57	21.87	89.67	-455.79	6,244.53	272.94	207.60	65.34	4.177	
12,600.00	7,173.49	7,463.50	7,138.61	101.21	21.87	89.68	-455.79	6,244.53	367.75	309.99	57.77	6.366	
12,700.00	7,173.01	7,463.51	7,138.62	102.86	21.87	89.69	-455.79	6,244.53	464.75	411.17	53.58	8.674	
12,800.00	7,172.54	7,463.52	7,138.63	104.50	21.87	89.69	-455.79	6,244.53	562.80	511.75	51.05	11.025	
12,900.00	7,172.06	7,463.53	7,138.64	106.15	21.87	89.70	-455.79	6,244.53	661.43	612.02	49.41	13.386	
13,000.00	7,171.59	7,463.54	7,138.65	107.79	21.87	89.70	-455.79	6,244.53	760.42	712.11	48.31	15.742	
13,100.00	7,171.11	7,463.55	7,138.66	109.44	21.87	89.71	-455.79	6,244.53	859.64	812.11	47.53	18.086	
13,200.00	7,170.64	7,463.56	7,138.67	111.09	21.87	89.71	-455.79	6,244.53	959.03	912.05	46.97	20.417	
13,300.00	7,170.16	7,463.57	7,138.68	112.74	21.87	89.72	-455.79	6,244.53	1,058.53	1,011.96	46.57	22.731	
13,400.00	7,169.68	7,463.58	7,138.69	114.39	21.87	89.73	-455.79	6,244.53	1,158.11	1,111.85	46.27	25.031	
13,500.00	7,169.21	7,463.59	7,138.70	116.04	21.87	89.73	-455.79	6,244.53	1,257.77	1,211.72	46.05	27.314	
13,600.00	7,168.73	7,463.60	7,138.71	117.69	21.87	89.74	-455.79	6,244.53	1,357.47	1,311.58	45.89	29.582	
13,700.00	7,168.26	7,463.61	7,138.72	119.34	21.87	89.74	-455.79	6,244.53	1,457.21	1,411.44	45.77	31.835	
13,800.00	7,167.78	7,463.62	7,138.73	120.99	21.87	89.75	-455.79	6,244.53	1,556.99	1,511.30	45.70	34.073	
13,900.00	7,167.31	7,463.63	7,138.74	122.64	21.87	89.75	-455.79	6,244.53	1,656.79	1,611.15	45.65	36.296	
14,000.00	7,166.83	7,463.64	7,138.75	124.29	21.87	89.76	-455.79	6,244.53	1,756.62	1,711.00	45.62	38.504	
14,100.00	7,166.36	7,463.65	7,138.76	125.95	21.87	89.76	-455.79	6,244.53	1,856.47	1,810.85	45.61	40.699	
14,200.00	7,165.88	7,463.66	7,138.77	127.60	21.87	89.77	-455.79	6,244.53	1,956.33	1,910.70	45.62	42.879	
14,300.00	7,165.40	7,463.67	7,138.78	129.26	21.87	89.78	-455.79	6,244.53	2,056.20	2,010.55	45.65	45.045	
14,400.00	7,164.93	7,463.68	7,138.79	130.91	21.87	89.78	-455.79	6,244.53	2,156.09	2,110.40	45.68	47.197	
14,500.00	7,164.45	7,463.69	7,138.79	132.57	21.87	89.79	-455.79	6,244.53	2,255.98	2,210.25	45.73	49.335	
14,600.00	7,163.98	7,463.70	7,138.80	134.22	21.87	89.79	-455.79	6,244.53	2,355.89	2,310.11	45.78	51.460	
14,700.00	7,163.50	7,463.71	7,138.81	135.88	21.87	89.80	-455.79	6,244.53	2,455.80	2,409.96	45.84	53.571	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,200.00	7,189.66	7,309.59	7,144.67	46.59	17.33	-90.27	185.15	5,631.99	2,493.74	2,453.44	40.30	61.872		
9,300.00	7,189.18	7,309.51	7,144.60	48.13	17.33	-90.27	185.15	5,631.99	2,396.22	2,355.47	40.75	58.798		
9,400.00	7,188.70	7,309.43	7,144.52	49.67	17.33	-90.26	185.15	5,631.99	2,298.92	2,257.66	41.25	55.727		
9,500.00	7,188.23	7,309.36	7,144.44	51.22	17.33	-90.25	185.15	5,631.99	2,201.85	2,160.04	41.81	52.661		
9,600.00	7,187.75	7,309.28	7,144.37	52.77	17.33	-90.24	185.16	5,631.99	2,105.06	2,062.62	42.44	49.603		
9,700.00	7,187.28	7,309.20	7,144.29	54.34	17.33	-90.23	185.16	5,631.99	2,008.58	1,965.44	43.14	46.556		
9,800.00	7,186.80	7,309.12	7,144.21	55.91	17.33	-90.23	185.16	5,631.98	1,912.47	1,868.53	43.94	43.526		
9,900.00	7,186.33	7,309.05	7,144.13	57.48	17.33	-90.22	185.16	5,631.98	1,816.78	1,771.93	44.84	40.516		
10,000.00	7,185.85	7,308.97	7,144.05	59.06	17.33	-90.21	185.16	5,631.98	1,721.57	1,675.70	45.87	37.534		
10,100.00	7,185.38	7,308.89	7,143.97	60.65	17.33	-90.20	185.16	5,631.98	1,626.94	1,579.90	47.04	34.586		
10,200.00	7,184.90	7,308.81	7,143.89	62.24	17.33	-90.19	185.16	5,631.98	1,532.99	1,484.61	48.39	31.683		
10,300.00	7,184.42	7,308.73	7,143.82	63.83	17.33	-90.18	185.16	5,631.98	1,439.86	1,389.92	49.94	28.834		
10,400.00	7,183.95	7,308.65	7,143.74	65.43	17.33	-90.18	185.16	5,631.98	1,347.71	1,295.98	51.73	26.052		
10,500.00	7,183.47	7,308.57	7,143.66	67.04	17.33	-90.17	185.16	5,631.98	1,256.76	1,202.95	53.82	23.352		
10,600.00	7,183.00	7,308.49	7,143.57	68.64	17.33	-90.16	185.16	5,631.98	1,167.30	1,111.05	56.25	20.752		
10,700.00	7,182.52	7,308.41	7,143.49	70.25	17.33	-90.15	185.16	5,631.98	1,079.68	1,020.59	59.10	18.270		
10,800.00	7,182.05	7,308.33	7,143.41	71.86	17.33	-90.14	185.16	5,631.98	994.41	931.98	62.43	15.928		
10,900.00	7,181.57	7,308.24	7,143.33	73.48	17.33	-90.13	185.16	5,631.98	912.13	845.79	66.33	13.751		
11,000.00	7,181.10	7,308.16	7,143.25	75.09	17.33	-90.12	185.16	5,631.98	833.73	762.85	70.88	11.763		
11,100.00	7,180.62	7,308.08	7,143.17	76.71	17.33	-90.12	185.16	5,631.98	760.42	684.32	76.10	9.993		
11,200.00	7,180.15	7,308.01	7,143.10	78.33	17.33	-90.11	185.16	5,631.98	693.80	611.86	81.94	8.467		
11,300.00	7,179.67	7,307.95	7,143.04	79.96	17.33	-90.10	185.16	5,631.98	636.00	547.81	88.19	7.212		
11,400.00	7,179.19	7,307.89	7,142.97	81.58	17.33	-90.09	185.16	5,631.98	589.60	495.28	94.32	6.251		
11,500.00	7,178.72	7,307.82	7,142.91	83.21	17.33	-90.09	185.16	5,631.98	557.45	457.96	99.49	5.603		
11,600.00	7,178.24	7,307.75	7,142.84	84.84	17.33	-90.08	185.16	5,631.98	542.11	439.40	102.71	5.278		
11,634.35	7,178.08	7,307.73	7,142.82	85.40	17.33	-90.08	185.16	5,631.98	541.02	437.80	103.22	5.242	CC, ES, SF	
11,700.00	7,177.77	7,307.69	7,142.77	86.47	17.33	-90.07	185.16	5,631.98	544.99	441.71	103.27	5.277		
11,800.00	7,177.29	7,307.62	7,142.71	88.11	17.33	-90.07	185.16	5,631.98	565.81	464.58	101.23	5.590		
11,900.00	7,176.82	7,307.55	7,142.64	89.74	17.33	-90.06	185.16	5,631.98	602.72	505.45	97.28	6.196		
12,000.00	7,176.34	7,307.48	7,142.57	91.38	17.33	-90.05	185.16	5,631.98	652.99	560.64	92.35	7.071		
12,100.00	7,175.87	7,307.41	7,142.50	93.01	17.33	-90.04	185.16	5,631.98	713.82	626.59	87.22	8.184		
12,200.00	7,175.39	7,307.34	7,142.43	94.65	17.33	-90.04	185.16	5,631.98	782.73	700.38	82.35	9.505		
12,300.00	7,174.91	7,307.27	7,142.36	96.29	17.33	-90.03	185.16	5,631.98	857.78	779.85	77.93	11.007		
12,400.00	7,174.44	7,307.20	7,142.29	97.93	17.33	-90.02	185.16	5,631.98	937.51	863.46	74.04	12.661		
12,500.00	7,173.96	7,307.13	7,142.22	99.57	17.33	-90.01	185.16	5,631.98	1,020.81	950.14	70.67	14.445		
12,600.00	7,173.49	7,307.06	7,142.15	101.21	17.33	-90.01	185.16	5,631.98	1,106.88	1,039.13	67.75	16.338		
12,700.00	7,173.01	7,306.99	7,142.07	102.86	17.33	-90.00	185.16	5,631.98	1,195.12	1,129.89	65.23	18.320		
12,800.00	7,172.54	7,306.91	7,142.00	104.50	17.33	-89.99	185.16	5,631.98	1,285.08	1,222.02	63.06	20.377		
12,900.00	7,172.06	7,306.84	7,141.93	106.15	17.32	-89.98	185.16	5,631.98	1,376.43	1,315.25	61.19	22.495		
13,000.00	7,171.59	7,306.76	7,141.85	107.79	17.32	-89.98	185.16	5,631.98	1,468.91	1,409.35	59.56	24.662		
13,100.00	7,171.11	7,306.69	7,141.77	109.44	17.32	-89.97	185.16	5,631.98	1,562.32	1,504.17	58.15	26.868		
13,200.00	7,170.64	7,306.61	7,141.70	111.09	17.32	-89.96	185.16	5,631.98	1,656.49	1,599.58	56.91	29.105		
13,300.00	7,170.16	7,306.54	7,141.62	112.74	17.32	-89.95	185.16	5,631.98	1,751.31	1,695.48	55.83	31.366		
13,400.00	7,169.68	7,306.46	7,141.54	114.39	17.32	-89.94	185.16	5,631.97	1,846.68	1,791.79	54.89	33.645		
13,500.00	7,169.21	7,306.38	7,141.47	116.04	17.32	-89.93	185.16	5,631.97	1,942.51	1,888.46	54.05	35.937		
13,600.00	7,168.73	7,306.30	7,141.39	117.69	17.32	-89.93	185.16	5,631.97	2,038.74	1,985.43	53.32	38.237		
13,700.00	7,168.26	7,306.22	7,141.31	119.34	17.32	-89.92	185.16	5,631.97	2,135.32	2,082.65	52.67	40.541		
13,800.00	7,167.78	7,306.14	7,141.23	120.99	17.32	-89.91	185.16	5,631.97	2,232.20	2,180.11	52.10	42.848		
13,900.00	7,167.31	7,306.06	7,141.15	122.64	17.32	-89.90	185.16	5,631.97	2,329.35	2,277.76	51.59	45.153		
14,000.00	7,166.83	7,305.98	7,141.06	124.29	17.32	-89.89	185.16	5,631.97	2,426.73	2,375.59	51.14	47.455		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,800.00	7,196.31	7,208.26	7,171.63	27.02	15.73	-91.94	275.03	4,140.60	2,426.90	2,389.57	37.33	65.014	
7,900.00	7,195.84	7,207.47	7,170.84	28.22	15.72	-91.87	275.04	4,140.60	2,330.50	2,292.90	37.61	61.968	
8,000.00	7,195.36	7,206.67	7,170.05	29.47	15.72	-91.80	275.04	4,140.61	2,234.43	2,196.50	37.93	58.913	
8,100.00	7,194.89	7,205.88	7,169.26	30.75	15.72	-91.73	275.04	4,140.61	2,138.71	2,100.41	38.29	55.850	
8,200.00	7,194.41	7,205.09	7,168.47	32.08	15.72	-91.66	275.05	4,140.61	2,043.40	2,004.68	38.71	52.781	
8,300.00	7,193.93	7,204.30	7,167.67	33.44	15.72	-91.59	275.05	4,140.61	1,948.56	1,909.36	39.20	49.710	
8,400.00	7,193.46	7,203.51	7,166.88	34.82	15.72	-91.51	275.05	4,140.62	1,854.26	1,814.50	39.76	46.639	
8,500.00	7,192.98	7,202.72	7,166.09	36.23	15.71	-91.44	275.06	4,140.62	1,760.59	1,720.19	40.40	43.575	
8,600.00	7,192.51	7,201.92	7,165.30	37.66	15.71	-91.37	275.06	4,140.62	1,667.66	1,626.50	41.15	40.523	
8,700.00	7,192.03	7,201.13	7,164.51	39.11	15.71	-91.30	275.06	4,140.62	1,575.59	1,533.56	42.02	37.492	
8,800.00	7,191.56	7,200.34	7,163.72	40.58	15.71	-91.23	275.07	4,140.63	1,484.55	1,441.51	43.04	34.493	
8,900.00	7,191.08	7,199.55	7,162.92	42.07	15.71	-91.16	275.07	4,140.63	1,394.73	1,350.51	44.22	31.537	
9,000.00	7,190.61	7,198.76	7,162.13	43.56	15.71	-91.08	275.08	4,140.63	1,306.40	1,260.78	45.61	28.642	
9,100.00	7,190.13	7,197.96	7,161.33	45.07	15.70	-91.01	275.08	4,140.63	1,219.86	1,172.63	47.23	25.827	
9,200.00	7,189.66	7,197.16	7,160.54	46.59	15.70	-90.94	275.08	4,140.64	1,135.54	1,086.41	49.13	23.114	
9,300.00	7,189.18	7,196.36	7,159.74	48.13	15.70	-90.87	275.09	4,140.64	1,053.97	1,002.63	51.34	20.529	
9,400.00	7,188.70	7,195.56	7,158.94	49.67	15.70	-90.79	275.09	4,140.64	975.83	921.92	53.91	18.101	
9,500.00	7,188.23	7,194.76	7,158.13	51.22	15.70	-90.72	275.09	4,140.64	902.01	845.15	56.86	15.864	
9,600.00	7,187.75	7,193.95	7,157.33	52.77	15.70	-90.65	275.10	4,140.65	833.68	773.49	60.19	13.852	
9,700.00	7,187.28	7,193.15	7,156.52	54.34	15.69	-90.58	275.10	4,140.65	772.27	708.43	63.84	12.098	
9,800.00	7,186.80	7,192.34	7,155.71	55.91	15.69	-90.50	275.10	4,140.65	719.57	651.91	67.66	10.635	
9,900.00	7,186.33	7,191.52	7,154.90	57.48	15.69	-90.43	275.11	4,140.66	677.62	606.24	71.38	9.493	
10,000.00	7,185.85	7,190.71	7,154.09	59.06	15.69	-90.35	275.11	4,140.66	648.50	573.90	74.60	8.693	
10,100.00	7,185.38	7,189.90	7,153.27	60.65	15.69	-90.28	275.11	4,140.66	633.98	557.09	76.89	8.245	
10,143.10	7,185.17	7,189.54	7,152.92	61.33	15.69	-90.25	275.12	4,140.66	632.52	555.02	77.50	8.162 CC, ES	
10,200.00	7,184.90	7,189.08	7,152.45	62.24	15.69	-90.21	275.12	4,140.66	635.07	557.16	77.91	8.151 SF	
10,300.00	7,184.42	7,188.26	7,151.63	63.83	15.68	-90.13	275.12	4,140.67	651.68	574.07	77.61	8.397	
10,400.00	7,183.95	7,187.44	7,150.81	65.43	15.68	-90.06	275.13	4,140.67	682.69	606.50	76.19	8.960	
10,500.00	7,183.47	7,186.61	7,149.99	67.04	15.68	-89.98	275.13	4,140.67	726.25	652.23	74.03	9.811	
10,600.00	7,183.00	7,185.79	7,149.16	68.64	15.68	-89.91	275.13	4,140.67	780.27	708.79	71.48	10.916	
10,700.00	7,182.52	7,184.96	7,148.33	70.25	15.68	-89.83	275.14	4,140.68	842.73	773.89	68.84	12.242	
10,800.00	7,182.05	7,184.13	7,147.50	71.86	15.68	-89.76	275.14	4,140.68	911.90	845.61	66.29	13.757	
10,900.00	7,181.57	7,183.30	7,146.67	73.48	15.67	-89.68	275.14	4,140.68	986.38	922.45	63.92	15.431	
11,000.00	7,181.10	7,182.46	7,145.84	75.09	15.67	-89.61	275.15	4,140.69	1,065.04	1,003.26	61.78	17.238	
11,100.00	7,180.62	7,181.63	7,145.00	76.71	15.67	-89.53	275.15	4,140.69	1,147.03	1,087.15	59.87	19.158	
11,200.00	7,180.15	7,180.79	7,144.16	78.33	15.67	-89.46	275.15	4,140.69	1,231.68	1,173.50	58.18	21.169	
11,300.00	7,179.67	7,179.95	7,143.32	79.96	15.67	-89.38	275.16	4,140.69	1,318.49	1,261.79	56.70	23.256	
11,400.00	7,179.19	7,179.10	7,142.48	81.58	15.66	-89.30	275.16	4,140.70	1,407.04	1,351.66	55.39	25.405	
11,500.00	7,178.72	7,178.26	7,141.63	83.21	15.66	-89.23	275.16	4,140.70	1,497.04	1,442.81	54.23	27.604	
11,600.00	7,178.24	7,177.41	7,140.79	84.84	15.66	-89.15	275.17	4,140.70	1,588.24	1,535.02	53.22	29.844	
11,700.00	7,177.77	7,176.56	7,139.94	86.47	15.66	-89.07	275.17	4,140.71	1,680.43	1,628.11	52.32	32.117	
11,800.00	7,177.29	7,175.71	7,139.08	88.11	15.66	-89.00	275.17	4,140.71	1,773.47	1,721.94	51.53	34.414	
11,900.00	7,176.82	7,174.86	7,138.23	89.74	15.66	-88.92	275.18	4,140.71	1,867.24	1,816.40	50.83	36.732	
12,000.00	7,176.34	7,174.00	7,137.37	91.38	15.65	-88.84	275.18	4,140.71	1,961.61	1,911.40	50.22	39.064	
12,100.00	7,175.87	7,173.14	7,136.52	93.01	15.65	-88.76	275.18	4,140.72	2,056.52	2,006.85	49.67	41.407	
12,200.00	7,175.39	7,172.28	7,135.66	94.65	15.65	-88.69	275.19	4,140.72	2,151.89	2,102.71	49.18	43.756	
12,300.00	7,174.91	7,171.42	7,134.79	96.29	15.65	-88.61	275.19	4,140.72	2,247.66	2,198.92	48.75	46.110	
12,400.00	7,174.44	7,170.55	7,133.93	97.93	15.65	-88.53	275.19	4,140.73	2,343.79	2,295.43	48.36	48.466	
12,500.00	7,173.96	7,169.69	7,133.06	99.57	15.64	-88.45	275.20	4,140.73	2,440.22	2,392.20	48.02	50.820	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,000.00	6,892.11	7,052.20	6,861.09	19.76	18.40	-3.21	-440.04	3,573.32	2,469.03	2,433.60	35.43	69.691	
7,100.00	6,972.96	7,132.32	6,941.20	20.36	18.54	-1.82	-439.62	3,573.23	2,410.28	2,374.31	35.97	67.010	
7,200.00	7,043.67	7,203.92	7,012.81	21.07	18.66	-0.68	-439.37	3,573.13	2,339.61	2,303.13	36.48	64.135	
7,300.00	7,102.50	7,262.42	7,071.30	21.87	18.76	0.56	-439.24	3,573.03	2,258.78	2,221.85	36.93	61.166	
7,400.00	7,148.01	7,307.68	7,116.56	22.77	18.84	2.41	-439.15	3,572.96	2,169.78	2,132.48	37.29	58.182	
7,500.00	7,179.07	7,336.18	7,145.07	23.75	18.89	6.40	-439.07	3,572.94	2,074.83	2,037.28	37.55	55.254	
7,600.00	7,194.92	7,351.04	7,159.93	24.79	18.91	24.31	-439.02	3,572.94	1,976.24	1,938.54	37.70	52.426	
7,700.00	7,196.79	7,352.81	7,161.70	25.88	18.92	96.22	-439.02	3,572.94	1,876.38	1,838.64	37.74	49.721	
7,800.00	7,196.31	7,352.38	7,161.27	27.02	18.92	95.91	-439.02	3,572.94	1,776.48	1,738.72	37.76	47.043	
7,900.00	7,195.84	7,351.95	7,160.84	28.22	18.92	95.61	-439.02	3,572.94	1,676.59	1,638.80	37.79	44.367	
8,000.00	7,195.36	7,351.51	7,160.40	29.47	18.92	95.30	-439.02	3,572.94	1,576.72	1,538.90	37.82	41.693	
8,100.00	7,194.89	7,351.07	7,159.96	30.75	18.91	95.00	-439.02	3,572.94	1,476.86	1,439.01	37.85	39.021	
8,200.00	7,194.41	7,350.63	7,159.52	32.08	18.91	94.69	-439.03	3,572.94	1,377.02	1,339.14	37.88	36.352	
8,300.00	7,193.93	7,350.19	7,159.07	33.44	18.91	94.37	-439.03	3,572.94	1,277.21	1,239.29	37.92	33.685	
8,400.00	7,193.46	7,349.74	7,158.63	34.82	18.91	94.06	-439.03	3,572.94	1,177.43	1,139.47	37.96	31.021	
8,500.00	7,192.98	7,349.29	7,158.18	36.23	18.91	93.74	-439.03	3,572.94	1,077.69	1,039.69	38.00	28.360	
8,600.00	7,192.51	7,348.83	7,157.72	37.66	18.91	93.42	-439.03	3,572.94	978.00	939.95	38.05	25.701	
8,700.00	7,192.03	7,348.38	7,157.27	39.11	18.91	93.10	-439.03	3,572.94	878.39	840.27	38.12	23.044	
8,800.00	7,191.56	7,347.92	7,156.81	40.58	18.91	92.78	-439.04	3,572.94	778.87	740.67	38.20	20.387	
8,900.00	7,191.08	7,347.46	7,156.34	42.07	18.91	92.45	-439.04	3,572.94	679.49	641.17	38.33	17.729	
9,000.00	7,190.61	7,346.99	7,155.88	43.56	18.91	92.12	-439.04	3,572.94	580.33	541.82	38.52	15.067	
9,100.00	7,190.13	7,346.52	7,155.41	45.07	18.91	91.79	-439.04	3,572.94	481.52	442.67	38.85	12.396	
9,200.00	7,189.66	7,346.05	7,154.94	46.59	18.91	91.46	-439.04	3,572.94	383.32	343.83	39.49	9.707	
9,300.00	7,189.18	7,345.57	7,154.46	48.13	18.91	91.12	-439.04	3,572.94	286.36	245.42	40.94	6.994	
9,400.00	7,188.70	7,345.10	7,153.98	49.67	18.90	90.78	-439.04	3,572.94	192.55	147.61	44.94	4.285	
9,500.00	7,188.23	7,344.61	7,153.50	51.22	18.90	90.44	-439.05	3,572.94	110.20	52.57	57.63	1.912	
9,574.65	7,187.87	7,344.25	7,153.14	52.38	18.90	90.19	-439.05	3,572.94	81.07	10.40	70.68	1.147	Level 2, CC, ES, SF
9,600.00	7,187.75	7,344.13	7,153.02	52.77	18.90	90.10	-439.05	3,572.94	84.94	15.77	69.18	1.228	Level 2
9,700.00	7,187.28	7,343.64	7,152.53	54.34	18.90	89.76	-439.05	3,572.94	149.28	95.98	53.30	2.801	
9,800.00	7,186.80	7,343.15	7,152.04	55.91	18.90	89.41	-439.05	3,572.94	239.49	193.12	46.37	5.165	
9,900.00	7,186.33	7,342.66	7,151.54	57.48	18.90	89.06	-439.05	3,572.94	335.30	291.70	43.60	7.690	
10,000.00	7,185.85	7,342.16	7,151.05	59.06	18.90	88.71	-439.05	3,572.94	433.00	390.73	42.28	10.243	
10,100.00	7,185.38	7,341.66	7,150.55	60.65	18.90	88.36	-439.06	3,572.94	531.56	490.01	41.55	12.792	
10,200.00	7,184.90	7,341.15	7,150.04	62.24	18.90	88.00	-439.06	3,572.94	630.58	589.45	41.13	15.332	
10,300.00	7,184.42	7,340.64	7,149.53	63.83	18.90	87.64	-439.06	3,572.94	729.86	688.99	40.87	17.860	
10,400.00	7,183.95	7,340.13	7,149.02	65.43	18.90	87.28	-439.06	3,572.94	829.31	788.61	40.70	20.375	
10,500.00	7,183.47	7,339.62	7,148.51	67.04	18.89	86.92	-439.06	3,572.94	928.89	888.28	40.60	22.878	
10,600.00	7,183.00	7,339.10	7,147.99	68.64	18.89	86.55	-439.06	3,572.94	1,028.54	988.00	40.54	25.370	
10,700.00	7,182.52	7,338.58	7,147.46	70.25	18.89	86.18	-439.07	3,572.94	1,128.25	1,087.74	40.51	27.849	
10,800.00	7,182.05	7,338.05	7,146.94	71.86	18.89	85.81	-439.07	3,572.94	1,228.02	1,187.51	40.51	30.316	
10,900.00	7,181.57	7,337.52	7,146.41	73.48	18.89	85.44	-439.07	3,572.94	1,327.81	1,287.30	40.52	32.771	
11,000.00	7,181.10	7,336.99	7,145.87	75.09	18.89	85.07	-439.07	3,572.94	1,427.64	1,387.10	40.54	35.215	
11,100.00	7,180.62	7,336.45	7,145.34	76.71	18.89	84.69	-439.07	3,572.94	1,527.49	1,486.91	40.57	37.646	
11,200.00	7,180.15	7,335.91	7,144.79	78.33	18.89	84.31	-439.07	3,572.94	1,627.35	1,586.73	40.62	40.065	
11,300.00	7,179.67	7,335.36	7,144.25	79.96	18.89	83.93	-439.08	3,572.94	1,727.23	1,686.57	40.67	42.473	
11,400.00	7,179.19	7,334.81	7,143.70	81.58	18.89	83.55	-439.08	3,572.94	1,827.13	1,786.41	40.72	44.868	
11,500.00	7,178.72	7,334.26	7,143.15	83.21	18.89	83.16	-439.08	3,572.94	1,927.03	1,886.25	40.78	47.251	
11,600.00	7,178.24	7,333.70	7,142.59	84.84	18.88	82.77	-439.08	3,572.94	2,026.95	1,986.10	40.85	49.621	
11,700.00	7,177.77	7,333.14	7,142.03	86.47	18.88	82.38	-439.08	3,572.94	2,126.87	2,085.95	40.92	51.979	
11,800.00	7,177.29	7,332.58	7,141.46	88.11	18.88	81.99	-439.08	3,572.94	2,226.80	2,185.81	40.99	54.325	
11,900.00	7,176.82	7,332.01	7,140.89	89.74	18.88	81.60	-439.09	3,572.94	2,326.73	2,285.67	41.07	56.658	
12,000.00	7,176.34	7,331.43	7,140.32	91.38	18.88	81.20	-439.09	3,572.94	2,426.68	2,385.53	41.15	58.978	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7520-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,500.00	7,179.07	7,323.18	7,154.99	23.75	18.13	-71.26	975.95	3,519.46	2,421.18	2,380.92	40.26	60.143		
7,600.00	7,194.92	7,337.27	7,169.08	24.79	18.16	-83.80	975.84	3,519.46	2,339.90	2,298.93	40.98	57.102		
7,700.00	7,196.79	7,338.98	7,170.79	25.88	18.16	-90.76	975.83	3,519.46	2,258.57	2,216.87	41.70	54.163		
7,800.00	7,196.31	7,338.62	7,170.43	27.02	18.16	-90.74	975.83	3,519.46	2,178.68	2,136.17	42.50	51.258		
7,900.00	7,195.84	7,338.25	7,170.06	28.22	18.16	-90.73	975.83	3,519.46	2,100.51	2,057.09	43.41	48.385		
8,000.00	7,195.36	7,337.88	7,169.70	29.47	18.16	-90.71	975.84	3,519.46	2,024.26	1,979.83	44.43	45.559		
8,100.00	7,194.89	7,337.51	7,169.32	30.75	18.16	-90.70	975.84	3,519.46	1,950.16	1,904.59	45.57	42.796		
8,200.00	7,194.41	7,337.14	7,168.95	32.08	18.16	-90.68	975.84	3,519.46	1,878.46	1,831.63	46.83	40.114		
8,300.00	7,193.93	7,336.76	7,168.57	33.44	18.16	-90.66	975.85	3,519.46	1,809.45	1,761.23	48.21	37.531		
8,400.00	7,193.46	7,336.38	7,168.19	34.82	18.16	-90.65	975.85	3,519.46	1,743.44	1,693.72	49.72	35.064		
8,500.00	7,192.98	7,336.00	7,167.81	36.23	18.16	-90.63	975.85	3,519.46	1,680.79	1,629.44	51.35	32.731		
8,600.00	7,192.51	7,335.61	7,167.43	37.66	18.16	-90.61	975.85	3,519.46	1,621.90	1,568.80	53.10	30.546		
8,700.00	7,192.03	7,335.23	7,167.04	39.11	18.16	-90.60	975.86	3,519.46	1,567.18	1,512.24	54.94	28.525		
8,800.00	7,191.56	7,334.84	7,166.65	40.58	18.16	-90.58	975.86	3,519.46	1,517.08	1,460.22	56.86	26.679		
8,900.00	7,191.08	7,334.44	7,166.26	42.07	18.15	-90.56	975.86	3,519.46	1,472.08	1,413.24	58.84	25.018		
9,000.00	7,190.61	7,334.05	7,165.86	43.56	18.15	-90.55	975.87	3,519.46	1,432.66	1,371.83	60.83	23.551		
9,100.00	7,190.13	7,333.65	7,165.46	45.07	18.15	-90.53	975.87	3,519.46	1,399.29	1,336.49	62.80	22.282		
9,200.00	7,189.66	7,333.25	7,165.06	46.59	18.15	-90.51	975.87	3,519.46	1,372.40	1,307.71	64.69	21.215		
9,300.00	7,189.18	7,332.84	7,164.66	48.13	18.15	-90.50	975.88	3,519.46	1,352.40	1,285.94	66.46	20.349		
9,400.00	7,188.70	7,332.44	7,164.25	49.67	18.15	-90.48	975.88	3,519.46	1,339.58	1,271.51	68.06	19.682		
9,500.00	7,188.23	7,332.03	7,163.84	51.22	18.15	-90.46	975.88	3,519.46	1,334.15	1,264.70	69.45	19.210		
9,522.57	7,188.12	7,331.93	7,163.75	51.57	18.15	-90.46	975.88	3,519.46	1,333.96	1,264.22	69.73	19.130 CC, ES		
9,600.00	7,187.75	7,331.61	7,163.43	52.77	18.15	-90.44	975.89	3,519.46	1,336.20	1,265.60	70.60	18.927		
9,700.00	7,187.28	7,331.20	7,163.01	54.34	18.15	-90.42	975.89	3,519.46	1,345.70	1,274.22	71.48	18.825 SF		
9,800.00	7,186.80	7,330.78	7,162.59	55.91	18.15	-90.41	975.89	3,519.46	1,362.50	1,290.39	72.11	18.895		
9,900.00	7,186.33	7,330.35	7,162.17	57.48	18.15	-90.39	975.90	3,519.46	1,386.32	1,313.85	72.48	19.128		
10,000.00	7,185.85	7,329.93	7,161.74	59.06	18.15	-90.37	975.90	3,519.46	1,416.82	1,344.21	72.61	19.512		
10,100.00	7,185.38	7,329.50	7,161.31	60.65	18.15	-90.35	975.90	3,519.46	1,453.57	1,381.02	72.54	20.037		
10,200.00	7,184.90	7,329.07	7,160.88	62.24	18.14	-90.33	975.91	3,519.46	1,496.11	1,423.81	72.30	20.693		
10,300.00	7,184.42	7,328.63	7,160.44	63.83	18.14	-90.31	975.91	3,519.46	1,543.96	1,472.05	71.92	21.468		
10,400.00	7,183.95	7,328.19	7,160.01	65.43	18.14	-90.30	975.91	3,519.46	1,596.66	1,525.23	71.43	22.353		
10,500.00	7,183.47	7,327.75	7,159.56	67.04	18.14	-90.28	975.92	3,519.46	1,653.72	1,582.86	70.86	23.338		
10,600.00	7,183.00	7,327.31	7,159.12	68.64	18.14	-90.26	975.92	3,519.46	1,714.72	1,644.49	70.24	24.413		
10,700.00	7,182.52	7,326.86	7,158.67	70.25	18.14	-90.24	975.92	3,519.46	1,779.26	1,709.68	69.58	25.572		
10,800.00	7,182.05	7,326.40	7,158.22	71.86	18.14	-90.22	975.93	3,519.46	1,846.95	1,778.05	68.90	26.805		
10,900.00	7,181.57	7,325.95	7,157.76	73.48	18.14	-90.20	975.93	3,519.46	1,917.48	1,849.25	68.23	28.105		
11,000.00	7,181.10	7,325.49	7,157.30	75.09	18.14	-90.18	975.94	3,519.46	1,990.53	1,922.98	67.55	29.467		
11,100.00	7,180.62	7,325.03	7,156.84	76.71	18.14	-90.16	975.94	3,519.46	2,065.84	1,998.94	66.89	30.883		
11,200.00	7,180.15	7,324.56	7,156.37	78.33	18.14	-90.14	975.94	3,519.46	2,143.17	2,076.92	66.25	32.350		
11,300.00	7,179.67	7,324.09	7,155.90	79.96	18.14	-90.12	975.95	3,519.46	2,222.30	2,156.67	65.63	33.861		
11,400.00	7,179.19	7,323.62	7,155.43	81.58	18.14	-90.10	975.95	3,519.46	2,303.07	2,238.03	65.03	35.413		
11,500.00	7,178.72	7,323.14	7,154.95	83.21	18.13	-90.08	975.95	3,519.46	2,385.29	2,320.82	64.47	37.001		
11,600.00	7,178.24	7,322.66	7,154.47	84.84	18.13	-90.06	975.96	3,519.46	2,468.82	2,404.90	63.92	38.621		

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - SRC Northridge 4KD - SRCI P&A Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,500.00	7,183.47	7,347.76	7,110.09	67.04	24.33	-90.26	1,792.26	5,765.77	2,495.24	2,412.38	82.86	30.114	
10,600.00	7,183.00	7,348.08	7,110.40	68.64	24.34	-90.27	1,792.26	5,765.78	2,445.87	2,360.55	85.32	28.668	
10,700.00	7,182.52	7,348.39	7,110.71	70.25	24.35	-90.27	1,792.26	5,765.78	2,399.65	2,311.84	87.81	27.327	
10,800.00	7,182.05	7,348.70	7,111.03	71.86	24.35	-90.28	1,792.25	5,765.78	2,356.77	2,266.44	90.33	26.091	
10,900.00	7,181.57	7,349.02	7,111.34	73.48	24.36	-90.29	1,792.25	5,765.78	2,317.41	2,224.56	92.85	24.959	
11,000.00	7,181.10	7,349.33	7,111.65	75.09	24.36	-90.30	1,792.25	5,765.79	2,281.76	2,186.40	95.36	23.928	
11,100.00	7,180.62	7,349.64	7,111.97	76.71	24.37	-90.31	1,792.25	5,765.79	2,250.00	2,152.16	97.84	22.997	
11,200.00	7,180.15	7,349.96	7,112.28	78.33	24.38	-90.32	1,792.25	5,765.79	2,222.28	2,122.02	100.26	22.165	
11,300.00	7,179.67	7,350.27	7,112.59	79.96	24.38	-90.32	1,792.24	5,765.79	2,198.77	2,096.16	102.61	21.429	
11,400.00	7,179.19	7,350.58	7,112.91	81.58	24.39	-90.33	1,792.24	5,765.80	2,179.60	2,074.74	104.86	20.786	
11,500.00	7,178.72	7,350.90	7,113.22	83.21	24.40	-90.34	1,792.24	5,765.80	2,164.88	2,057.89	106.99	20.235	
11,600.00	7,178.24	7,351.21	7,113.53	84.84	24.40	-90.35	1,792.24	5,765.80	2,154.70	2,045.73	108.97	19.773	
11,700.00	7,177.77	7,351.52	7,113.85	86.47	24.41	-90.36	1,792.24	5,765.80	2,149.14	2,038.34	110.80	19.397	
11,769.77	7,177.44	7,351.74	7,114.06	87.61	24.41	-90.36	1,792.23	5,765.81	2,148.00	2,036.03	111.97	19.184 CC	
11,800.00	7,177.29	7,351.84	7,114.16	88.11	24.42	-90.37	1,792.23	5,765.81	2,148.22	2,035.77	112.45	19.104 ES	
11,900.00	7,176.82	7,352.15	7,114.47	89.74	24.42	-90.37	1,792.23	5,765.81	2,151.95	2,038.03	113.92	18.891	
12,000.00	7,176.34	7,352.46	7,114.79	91.38	24.43	-90.38	1,792.23	5,765.81	2,160.31	2,045.12	115.18	18.755	
12,100.00	7,175.87	7,352.78	7,115.10	93.01	24.44	-90.39	1,792.23	5,765.81	2,173.24	2,056.99	116.25	18.694 SF	
12,200.00	7,175.39	7,353.09	7,115.41	94.65	24.44	-90.40	1,792.23	5,765.82	2,190.67	2,073.54	117.12	18.704	
12,300.00	7,174.91	7,353.40	7,115.73	96.29	24.45	-90.41	1,792.22	5,765.82	2,212.48	2,094.68	117.79	18.782	
12,400.00	7,174.44	7,353.72	7,116.04	97.93	24.46	-90.42	1,792.22	5,765.82	2,238.55	2,120.27	118.28	18.926	
12,500.00	7,173.96	7,354.03	7,116.35	99.57	24.46	-90.42	1,792.22	5,765.82	2,268.73	2,150.15	118.58	19.132	
12,600.00	7,173.49	7,354.34	7,116.67	101.21	24.47	-90.43	1,792.22	5,765.83	2,302.87	2,184.15	118.72	19.398	
12,700.00	7,173.01	7,354.66	7,116.98	102.86	24.47	-90.44	1,792.22	5,765.83	2,340.78	2,222.08	118.70	19.720	
12,800.00	7,172.54	7,354.97	7,117.29	104.50	24.48	-90.45	1,792.21	5,765.83	2,382.29	2,263.75	118.54	20.097	
12,900.00	7,172.06	7,355.28	7,117.60	106.15	24.49	-90.46	1,792.21	5,765.83	2,427.21	2,308.95	118.26	20.524	
13,000.00	7,171.59	7,355.60	7,117.92	107.79	24.49	-90.47	1,792.21	5,765.84	2,475.35	2,357.48	117.87	21.001	

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,700.00	5,624.51	6,124.17	6,043.48	15.38	17.25	-100.36	2,143.93	1,245.49	2,492.73	2,462.78	29.95	83.227		
5,800.00	5,723.05	6,269.90	6,186.56	15.69	17.69	-100.92	2,116.57	1,241.89	2,476.65	2,446.04	30.61	80.912		
5,900.00	5,821.59	6,336.00	6,251.31	16.00	17.89	-101.13	2,103.30	1,242.56	2,460.08	2,428.96	31.11	79.065		
6,000.00	5,920.13	6,397.79	6,311.93	16.31	18.07	-101.29	2,091.54	1,244.63	2,444.94	2,413.34	31.61	77.356		
6,100.00	6,018.67	6,463.94	6,377.01	16.62	18.26	-101.43	2,080.23	1,248.10	2,431.74	2,399.63	32.10	75.747		
6,200.00	6,117.21	6,569.23	6,480.70	16.93	18.56	-101.68	2,062.70	1,253.32	2,419.08	2,386.40	32.68	74.031		
6,300.00	6,215.75	6,683.75	6,593.47	17.24	18.90	-102.00	2,043.07	1,256.73	2,405.72	2,372.44	33.28	72.298		
6,400.00	6,314.29	6,755.56	6,664.17	17.56	19.11	-102.20	2,030.79	1,259.20	2,392.58	2,358.79	33.79	70.812		
6,500.00	6,412.83	6,844.70	6,751.44	17.87	19.35	-102.27	2,016.05	1,269.42	2,380.80	2,346.47	34.33	69.357		
6,600.00	6,511.38	6,997.71	6,893.77	18.19	19.75	-101.67	1,986.08	1,315.48	2,367.62	2,332.62	34.99	67.657		
6,700.00	6,609.92	7,067.38	6,953.89	18.51	19.92	-101.11	1,971.42	1,347.44	2,354.25	2,318.71	35.54	66.235		
6,800.00	6,708.16	7,116.87	6,994.54	18.84	20.03	-95.84	1,961.37	1,373.79	2,342.37	2,306.30	36.08	64.928		
6,900.00	6,803.11	7,173.00	7,037.68	19.25	20.16	-91.33	1,951.06	1,408.15	2,331.37	2,294.66	36.71	63.500		
7,000.00	6,892.11	7,199.32	7,056.70	19.76	20.21	-89.95	1,946.74	1,425.81	2,320.99	2,283.63	37.36	62.121		
7,100.00	6,972.96	7,235.72	7,081.67	20.36	20.28	-89.47	1,941.51	1,451.76	2,311.81	2,273.67	38.14	60.611		
7,200.00	7,043.67	7,265.00	7,100.56	21.07	20.34	-89.41	1,937.93	1,473.84	2,303.96	2,265.01	38.96	59.138		
7,300.00	7,102.50	7,318.29	7,132.28	21.87	20.42	-89.57	1,932.63	1,516.32	2,297.28	2,257.15	40.13	57.248		
7,400.00	7,148.01	7,367.05	7,158.29	22.77	20.51	-89.89	1,929.00	1,557.38	2,291.93	2,250.55	41.38	55.392		
7,500.00	7,179.07	7,452.77	7,196.94	23.75	20.75	-90.49	1,923.53	1,633.64	2,287.02	2,243.78	43.24	52.888		
7,600.00	7,194.92	7,525.82	7,222.92	24.79	21.16	-91.21	1,919.42	1,701.77	2,282.33	2,237.08	45.26	50.430		
7,700.00	7,196.79	7,593.89	7,241.02	25.88	21.86	-91.83	1,916.42	1,767.29	2,278.51	2,231.14	47.37	48.102		
7,800.00	7,196.31	7,666.62	7,252.38	27.02	22.92	-92.12	1,914.36	1,839.06	2,276.08	2,226.35	49.73	45.768		
7,900.00	7,195.84	7,734.00	7,258.37	28.22	24.09	-92.28	1,913.16	1,906.15	2,274.67	2,222.54	52.13	43.636		
7,938.03	7,195.66	7,762.14	7,260.12	28.69	24.62	-92.33	1,912.94	1,934.23	2,274.48	2,221.32	53.15	42.790		
8,000.00	7,195.36	7,793.47	7,262.08	29.47	25.23	-92.38	1,913.10	1,965.50	2,274.90	2,220.41	54.49	41.749		
8,100.00	7,194.89	7,857.96	7,266.31	30.75	26.53	-92.50	1,914.56	2,029.84	2,277.25	2,220.22	57.03	39.930		
8,200.00	7,194.41	8,198.42	7,298.70	32.08	34.46	-93.37	1,904.53	2,368.33	2,274.15	2,207.08	67.07	33.905		
8,300.00	7,193.93	8,286.74	7,306.19	33.44	36.73	-93.58	1,897.71	2,456.07	2,266.85	2,196.16	70.69	32.068		
8,400.00	7,193.46	8,396.18	7,311.20	34.82	39.59	-93.73	1,889.57	2,565.08	2,259.64	2,184.66	74.98	30.138		
8,500.00	7,192.98	8,475.90	7,311.63	36.23	41.72	-93.76	1,884.06	2,644.59	2,252.69	2,174.21	78.48	28.705		
8,600.00	7,192.51	8,536.86	7,310.72	37.66	43.36	-93.75	1,880.66	2,705.46	2,246.96	2,165.50	81.46	27.584		
8,700.00	7,192.03	8,597.55	7,309.31	39.11	44.99	-93.72	1,878.39	2,766.09	2,243.00	2,158.56	84.44	26.563		
8,800.00	7,191.56	8,665.00	7,307.59	40.58	46.81	-93.69	1,877.09	2,833.50	2,240.78	2,153.14	87.63	25.570		
8,900.00	7,191.08	8,738.73	7,305.65	42.07	48.81	-93.65	1,876.65	2,907.20	2,239.88	2,148.84	91.03	24.605		
8,999.63	7,190.61	8,827.77	7,303.35	43.56	51.24	-93.60	1,876.69	2,996.21	2,239.68	2,144.75	94.93	23.592		
9,000.00	7,190.61	8,828.11	7,303.34	43.56	51.24	-93.60	1,876.69	2,996.56	2,239.68	2,144.73	94.95	23.588		
9,100.00	7,190.13	8,939.01	7,299.68	45.07	54.30	-93.52	1,876.85	3,107.39	2,239.56	2,139.97	99.58	22.489		
9,200.00	7,189.66	9,047.28	7,294.29	46.59	57.31	-93.40	1,876.54	3,215.53	2,238.90	2,134.73	104.17	21.493		
9,300.00	7,189.18	9,174.67	7,287.87	48.13	60.88	-93.25	1,875.08	3,342.74	2,237.37	2,127.96	109.41	20.450		
9,400.00	7,188.70	9,277.45	7,282.72	49.67	63.79	-93.14	1,873.10	3,445.37	2,235.09	2,121.21	113.88	19.628		
9,500.00	7,188.23	9,350.61	7,280.84	51.22	65.86	-93.10	1,871.91	3,518.50	2,233.32	2,115.91	117.40	19.022		
9,551.46	7,187.98	9,380.08	7,280.62	52.02	66.70	-93.10	1,871.80	3,547.97	2,233.06	2,114.11	118.95	18.773 CC		
9,600.00	7,187.75	9,413.00	7,280.75	52.77	67.63	-93.10	1,872.00	3,580.89	2,233.30	2,112.73	120.57	18.523		
9,700.00	7,187.28	9,492.27	7,281.47	54.34	69.87	-93.13	1,873.11	3,660.15	2,234.62	2,110.34	124.28	17.980		
9,800.00	7,186.80	9,602.98	7,282.28	55.91	73.02	-93.16	1,874.78	3,770.84	2,236.10	2,107.03	129.07	17.325		
9,900.00	7,186.33	9,696.15	7,282.95	57.48	75.67	-93.19	1,876.03	3,864.00	2,237.41	2,104.13	133.28	16.787		
10,000.00	7,185.85	9,802.82	7,283.91	59.06	78.72	-93.23	1,877.41	3,970.66	2,238.68	2,100.72	137.96	16.227		
10,100.00	7,185.38	9,896.95	7,284.80	60.65	81.42	-93.26	1,878.64	4,064.77	2,239.96	2,097.74	142.22	15.750		
10,200.00	7,184.90	9,991.94	7,285.69	62.24	84.14	-93.29	1,880.16	4,159.75	2,241.53	2,095.02	146.51	15.299		
10,300.00	7,184.42	10,105.88	7,286.69	63.83	87.43	-93.33	1,881.78	4,273.67	2,242.93	2,091.46	151.47	14.808		
10,400.00	7,183.95	10,218.81	7,287.93	65.43	90.69	-93.37	1,882.48	4,386.59	2,243.53	2,087.13	156.40	14.345		
10,500.00	7,183.47	10,350.94	7,289.25	67.04	94.52	-93.42	1,882.39	4,518.71	2,243.51	2,081.53	161.97	13.851		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,600.00	7,183.00	10,454.40	7,290.22	68.64	97.53	-93.46	1,881.31	4,622.16	2,242.44	2,075.84	166.60	13.460		
10,700.00	7,182.52	10,562.76	7,291.30	70.25	100.69	-93.50	1,879.95	4,730.51	2,241.18	2,069.79	171.39	13.076		
10,800.00	7,182.05	10,672.66	7,290.27	71.86	103.90	-93.49	1,878.00	4,840.39	2,239.26	2,063.02	176.24	12.706		
10,900.00	7,181.57	10,749.77	7,289.01	73.48	106.14	-93.47	1,876.83	4,917.48	2,237.63	2,057.62	180.02	12.430		
10,949.91	7,181.33	10,778.75	7,288.50	74.28	106.99	-93.46	1,876.75	4,946.45	2,237.40	2,055.82	181.58	12.322		
11,000.00	7,181.10	10,818.00	7,287.80	75.09	108.13	-93.45	1,877.07	4,985.69	2,237.68	2,054.20	183.48	12.196		
11,100.00	7,180.62	10,889.33	7,286.74	76.71	110.20	-93.43	1,878.27	5,057.01	2,239.08	2,052.06	187.02	11.973		
11,200.00	7,180.15	10,979.91	7,285.83	78.33	112.82	-93.41	1,880.21	5,147.56	2,241.08	2,049.87	191.21	11.720		
11,300.00	7,179.67	11,089.20	7,284.52	79.96	116.00	-93.39	1,882.64	5,256.81	2,243.16	2,047.08	196.08	11.440		
11,400.00	7,179.19	11,209.09	7,283.56	81.58	119.49	-93.38	1,884.43	5,376.68	2,244.54	2,043.23	201.31	11.149		
11,500.00	7,178.72	11,318.49	7,283.03	83.21	122.69	-93.38	1,884.95	5,486.08	2,244.88	2,038.70	206.19	10.888		
11,600.00	7,178.24	11,395.78	7,282.57	84.84	124.95	-93.37	1,885.81	5,563.36	2,245.88	2,035.93	209.95	10.697		
11,700.00	7,177.77	11,478.78	7,282.08	86.47	127.36	-93.37	1,887.44	5,646.35	2,247.74	2,033.84	213.89	10.509		
11,800.00	7,177.29	11,562.66	7,281.63	88.11	129.80	-93.36	1,889.71	5,730.20	2,250.32	2,032.46	217.86	10.329		
11,900.00	7,176.82	11,657.34	7,281.19	89.74	132.56	-93.36	1,892.72	5,824.83	2,253.40	2,031.19	222.21	10.141		
12,000.00	7,176.34	11,792.75	7,280.16	91.38	136.51	-93.35	1,896.39	5,960.18	2,256.05	2,028.01	228.04	9.893		
12,100.00	7,175.87	11,918.85	7,279.28	93.01	140.20	-93.34	1,897.44	6,086.28	2,256.69	2,023.18	233.51	9.664		
12,200.00	7,175.39	12,036.05	7,278.29	94.65	143.64	-93.33	1,897.74	6,203.47	2,256.83	2,018.17	238.67	9.456		
12,300.00	7,174.91	12,136.47	7,277.53	96.29	146.59	-93.32	1,897.62	6,303.88	2,256.59	2,013.34	243.25	9.277		
12,400.00	7,174.44	12,266.78	7,276.65	97.93	150.43	-93.31	1,896.47	6,434.19	2,255.59	2,006.77	248.82	9.065		
12,500.00	7,173.96	12,397.85	7,275.76	99.57	154.29	-93.31	1,893.52	6,565.22	2,253.23	1,998.85	254.38	8.858		
12,600.00	7,173.49	12,501.78	7,275.03	101.21	157.36	-93.31	1,890.34	6,669.10	2,250.06	1,990.97	259.09	8.685		
12,700.00	7,173.01	12,592.49	7,274.24	102.86	160.03	-93.31	1,887.71	6,759.77	2,247.05	1,983.66	263.39	8.531		
12,800.00	7,172.54	12,691.43	7,273.23	104.50	162.95	-93.30	1,885.08	6,858.66	2,244.25	1,976.31	267.95	8.376		
12,900.00	7,172.06	12,768.83	7,272.41	106.15	165.23	-93.29	1,883.44	6,936.05	2,242.00	1,970.18	271.82	8.248		
13,000.00	7,171.59	12,840.15	7,271.64	107.79	167.33	-93.28	1,882.71	7,007.36	2,240.85	1,965.38	275.47	8.135		
13,036.21	7,171.41	12,865.48	7,271.43	108.39	168.08	-93.28	1,882.68	7,032.69	2,240.76	1,964.00	276.77	8.096		
13,100.00	7,171.11	12,917.17	7,271.06	109.44	169.59	-93.27	1,882.90	7,084.38	2,240.96	1,961.69	279.27	8.024		
13,200.00	7,170.64	12,969.00	7,270.77	111.09	171.12	-93.27	1,883.35	7,136.20	2,242.13	1,960.01	282.12	7.947		
13,300.00	7,170.16	13,028.10	7,270.45	112.74	172.84	-93.27	1,885.03	7,195.28	2,245.22	1,960.09	285.13	7.874		
13,400.00	7,169.68	13,095.85	7,270.18	114.39	174.81	-93.26	1,889.07	7,262.90	2,250.87	1,962.48	288.39	7.805		
13,500.00	7,169.21	13,276.64	7,272.74	116.04	180.09	-93.34	1,895.89	7,443.52	2,254.34	1,958.25	296.10	7.614		
13,600.00	7,168.73	13,341.00	7,271.94	117.69	181.98	-93.32	1,898.12	7,507.83	2,257.59	1,958.26	299.33	7.542		
13,700.00	7,168.26	13,417.55	7,271.32	119.34	184.21	-93.31	1,901.74	7,584.29	2,262.16	1,959.18	302.98	7.466		
13,800.00	7,167.78	13,563.81	7,274.11	120.99	188.48	-93.39	1,907.77	7,730.40	2,266.41	1,957.08	309.33	7.327		
13,900.00	7,167.31	13,900.00	7,275.36	122.64	198.40	-93.45	1,908.40	7,947.73	2,266.57	1,945.14	321.43	7.052		
14,000.00	7,166.83	13,933.24	7,275.98	124.29	199.39	-93.49	1,901.58	8,099.61	2,261.46	1,937.43	324.03	6.979		
14,100.00	7,166.36	13,996.00	7,275.65	125.95	201.25	-93.50	1,899.74	8,162.34	2,258.17	1,930.60	327.57	6.894		
14,200.00	7,165.88	14,034.52	7,275.26	127.60	202.38	-93.49	1,899.47	8,200.86	2,256.89	1,926.67	330.22	6.835		
14,210.06	7,165.83	14,040.21	7,275.20	127.77	202.55	-93.49	1,899.47	8,206.55	2,256.88	1,926.35	330.53	6.828		
14,300.00	7,165.40	14,092.56	7,274.64	129.26	204.09	-93.48	1,900.01	8,258.89	2,257.65	1,924.31	333.35	6.773		
14,400.00	7,164.93	14,189.90	7,273.51	130.91	206.95	-93.46	1,901.83	8,356.21	2,259.38	1,921.54	337.84	6.688		
14,500.00	7,164.45	14,290.98	7,273.01	132.57	209.92	-93.46	1,903.78	8,457.27	2,261.20	1,918.73	342.47	6.603		
14,600.00	7,163.98	14,424.06	7,271.89	134.22	213.84	-93.44	1,905.39	8,590.33	2,262.31	1,914.08	348.24	6.496		
14,700.00	7,163.50	14,496.29	7,270.84	135.88	215.96	-93.43	1,905.74	8,662.55	2,262.79	1,910.92	351.86	6.431		
14,800.00	7,163.03	14,554.00	7,269.95	137.54	217.66	-93.41	1,907.52	8,720.23	2,265.50	1,910.63	354.88	6.384		
14,900.00	7,162.55	14,646.32	7,267.71	139.19	220.36	-93.36	1,911.45	8,812.43	2,269.49	1,910.32	359.17	6.319		
15,000.00	7,162.08	14,744.88	7,264.43	140.85	223.24	-93.28	1,915.42	8,910.86	2,273.24	1,909.53	363.72	6.250		
15,100.00	7,161.60	14,867.02	7,260.32	142.51	226.82	-93.18	1,919.61	9,032.86	2,276.38	1,907.20	369.18	6.166		
15,200.00	7,161.13	14,977.21	7,256.72	144.17	230.05	-93.10	1,922.82	9,142.94	2,279.05	1,904.87	374.18	6.091		
15,300.00	7,160.65	15,128.63	7,251.75	145.82	234.51	-92.99	1,925.29	9,294.26	2,280.50	1,899.88	380.63	5.991		
15,400.00	7,160.17	15,233.98	7,248.48	147.48	237.62	-92.92	1,925.12	9,399.56	2,280.09	1,894.66	385.43	5.916		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,408.32	7,160.13	15,239.10	7,248.37	147.62	237.77	-92.92	1,925.13	9,404.67	2,280.08	1,894.38	385.70	5.911	
15,500.00	7,159.70	15,299.00	7,247.81	149.14	239.53	-92.91	1,925.70	9,464.57	2,280.80	1,891.98	388.82	5.866	
15,600.00	7,159.22	15,426.10	7,248.09	150.80	243.28	-92.94	1,926.94	9,591.66	2,281.74	1,887.38	394.37	5.786	
15,681.78	7,158.83	15,512.66	7,248.35	152.16	245.84	-92.95	1,926.88	9,678.21	2,281.61	1,883.32	398.29	5.729	
15,700.00	7,158.75	15,526.20	7,248.39	152.46	246.24	-92.95	1,926.90	9,691.76	2,281.63	1,882.66	398.97	5.719	
15,800.00	7,158.27	15,594.85	7,248.55	154.12	248.26	-92.97	1,927.47	9,760.41	2,282.43	1,879.96	402.47	5.671	
15,900.00	7,157.80	15,650.40	7,248.74	155.78	249.89	-92.98	1,928.92	9,815.94	2,284.98	1,879.60	405.38	5.637	
16,000.00	7,157.32	15,951.97	7,250.18	157.44	258.80	-93.05	1,928.88	10,117.39	2,286.58	1,870.17	416.40	5.491	
16,100.00	7,156.85	16,123.04	7,250.84	159.10	263.88	-93.10	1,915.91	10,287.96	2,278.40	1,855.86	422.53	5.392	
16,200.00	7,156.37	16,194.76	7,251.10	160.76	266.00	-93.13	1,910.28	10,359.46	2,270.53	1,843.94	426.59	5.323	
16,300.00	7,155.89	16,266.12	7,251.43	162.42	268.12	-93.15	1,905.67	10,430.66	2,264.01	1,833.44	430.57	5.258	
16,400.00	7,155.42	16,338.30	7,251.72	164.08	270.26	-93.17	1,901.81	10,502.74	2,258.64	1,824.12	434.52	5.198	
16,500.00	7,154.94	16,399.31	7,251.94	165.75	272.07	-93.19	1,899.50	10,563.71	2,254.79	1,816.71	438.09	5.147	
16,600.00	7,154.47	16,456.35	7,252.14	167.41	273.76	-93.20	1,898.34	10,620.73	2,252.73	1,811.33	441.40	5.104	
16,654.38	7,154.21	16,486.41	7,252.27	168.31	274.65	-93.21	1,898.19	10,650.79	2,252.44	1,809.34	443.10	5.083	
16,700.00	7,153.99	16,512.00	7,252.40	169.07	275.40	-93.21	1,898.32	10,676.38	2,252.64	1,808.14	444.50	5.068	
16,800.00	7,153.52	16,588.97	7,252.77	170.73	277.67	-93.23	1,899.45	10,753.34	2,254.06	1,805.80	448.26	5.028	
16,900.00	7,153.04	16,663.07	7,253.04	172.39	279.85	-93.25	1,901.32	10,827.41	2,256.52	1,804.68	451.85	4.994	
17,000.00	7,152.57	16,749.64	7,253.31	174.06	282.39	-93.26	1,904.43	10,913.93	2,260.02	1,804.13	455.90	4.957	
17,100.00	7,152.09	16,883.10	7,252.84	175.72	286.31	-93.26	1,908.76	11,047.31	2,263.25	1,801.43	461.82	4.901	
17,200.00	7,151.62	16,984.92	7,252.38	177.38	289.31	-93.25	1,911.01	11,149.11	2,265.36	1,798.86	466.49	4.856	
17,300.00	7,151.14	17,071.54	7,252.86	179.05	291.86	-93.27	1,913.14	11,235.70	2,267.76	1,797.19	470.57	4.819	
17,400.00	7,150.66	17,159.04	7,253.31	180.71	294.43	-93.29	1,915.76	11,323.16	2,270.71	1,796.04	474.67	4.784	
17,500.00	7,150.19	17,252.81	7,254.39	182.37	297.19	-93.33	1,918.94	11,416.87	2,274.09	1,795.08	479.00	4.748	
17,600.00	7,149.71	17,426.93	7,260.39	184.04	302.32	-93.49	1,922.28	11,590.84	2,276.26	1,789.94	486.32	4.681	
17,700.00	7,149.24	17,569.07	7,267.20	185.70	306.52	-93.68	1,921.16	11,732.81	2,275.76	1,783.55	492.21	4.624	
17,800.00	7,148.76	17,800.00	7,269.75	187.37	313.36	-93.77	1,915.51	11,891.83	2,271.87	1,771.33	500.54	4.539	
17,900.00	7,148.29	17,775.63	7,269.26	189.03	312.64	-93.77	1,913.96	11,939.19	2,268.66	1,767.06	501.60	4.523	
17,954.81	7,148.03	17,797.93	7,269.05	189.94	313.30	-93.77	1,913.73	11,961.49	2,268.02	1,764.91	503.11	4.508	
18,000.00	7,147.81	17,822.00	7,268.84	190.69	314.01	-93.77	1,913.83	11,985.56	2,268.10	1,763.62	504.48	4.496	
18,060.31	7,147.52	17,862.75	7,268.51	191.70	315.21	-93.76	1,914.38	12,026.31	2,268.78	1,762.22	506.56	4.479 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,900.00	5,821.59	8,240.34	7,059.61	16.00	38.06	-112.96	1,858.75	887.17	2,491.36	2,440.86	50.49	49.341	
6,000.00	5,920.13	8,227.77	7,060.07	16.31	37.73	-112.64	1,858.47	899.72	2,447.35	2,396.30	51.05	47.940	
6,100.00	6,018.67	8,209.00	7,060.75	16.62	37.25	-112.17	1,858.15	918.48	2,406.61	2,355.19	51.43	46.797	
6,200.00	6,117.21	8,209.00	7,060.75	16.93	37.25	-112.17	1,858.15	918.48	2,369.28	2,317.04	52.23	45.358	
6,300.00	6,215.75	8,209.00	7,060.75	17.24	37.25	-112.17	1,858.15	918.48	2,335.63	2,282.62	53.01	44.059	
6,400.00	6,314.29	8,186.63	7,061.57	17.56	36.68	-111.60	1,857.96	940.84	2,305.59	2,252.40	53.19	43.348	
6,500.00	6,412.83	8,177.66	7,061.89	17.87	36.45	-111.38	1,857.96	949.80	2,279.55	2,225.91	53.65	42.493	
6,600.00	6,511.38	8,168.69	7,062.23	18.19	36.22	-111.15	1,858.00	958.76	2,257.57	2,203.52	54.05	41.771	
6,700.00	6,609.92	8,159.73	7,062.56	18.51	36.00	-110.92	1,858.09	967.72	2,239.76	2,185.38	54.39	41.183	
6,800.00	6,708.16	8,150.06	7,062.92	18.84	35.75	-105.92	1,858.24	977.38	2,226.30	2,171.65	54.65	40.737	
6,900.00	6,803.11	8,116.00	7,064.23	19.25	34.89	-100.84	1,859.15	1,011.40	2,217.96	2,163.66	54.30	40.844	
7,000.00	6,892.11	8,116.00	7,064.23	19.76	34.89	-99.03	1,859.15	1,011.40	2,214.31	2,159.44	54.87	40.358 ES, SF	
7,025.99	6,913.99	8,100.10	7,064.84	19.92	34.50	-98.35	1,859.75	1,027.27	2,214.15	2,159.52	54.63	40.526 CC	
7,100.00	6,972.96	8,066.42	7,066.13	20.36	33.67	-96.79	1,861.16	1,060.90	2,215.25	2,161.00	54.24	40.838	
7,200.00	7,043.67	7,991.59	7,068.97	21.07	31.85	-94.40	1,864.78	1,135.59	2,219.72	2,166.63	53.09	41.808	
7,300.00	7,102.50	7,883.80	7,073.12	21.87	29.31	-91.92	1,868.35	1,243.25	2,224.69	2,173.36	51.33	43.341	
7,400.00	7,148.01	7,812.36	7,075.89	22.77	27.69	-90.32	1,870.99	1,314.58	2,230.77	2,180.19	50.57	44.109	
7,500.00	7,179.07	7,735.41	7,078.90	23.75	26.02	-89.02	1,874.49	1,391.39	2,237.39	2,187.52	49.86	44.869	
7,600.00	7,194.92	7,650.76	7,082.18	24.79	24.29	-88.11	1,878.96	1,475.85	2,243.79	2,194.59	49.20	45.604	
7,700.00	7,196.79	7,599.03	7,082.23	25.88	23.31	-87.77	1,882.30	1,527.46	2,250.36	2,201.08	49.28	45.665	
7,800.00	7,196.31	7,552.00	7,078.26	27.02	22.47	-87.68	1,886.20	1,574.15	2,258.94	2,209.45	49.49	45.640	
7,900.00	7,195.84	7,474.97	7,065.30	28.22	21.61	-87.37	1,893.49	1,649.70	2,269.17	2,219.76	49.41	45.923	
8,000.00	7,195.36	7,399.79	7,046.78	29.47	21.63	-86.91	1,901.00	1,722.16	2,280.58	2,231.07	49.51	46.066	
8,100.00	7,194.89	7,308.65	7,017.10	30.75	21.66	-86.19	1,910.08	1,807.81	2,292.97	2,243.30	49.67	46.164	
8,200.00	7,194.41	7,246.49	6,990.53	32.08	21.69	-85.54	1,915.58	1,863.70	2,306.14	2,255.89	50.25	45.891	
8,300.00	7,193.93	7,208.33	6,971.59	33.44	21.70	-85.08	1,919.34	1,896.61	2,321.90	2,270.84	51.06	45.475	
8,400.00	7,193.46	7,179.00	6,955.71	34.82	21.72	-84.69	1,922.54	1,921.05	2,340.50	2,288.62	51.89	45.107	
8,500.00	7,192.98	7,149.06	6,938.50	36.23	21.72	-84.28	1,926.26	1,945.26	2,362.16	2,309.39	52.77	44.760	
8,600.00	7,192.51	7,124.98	6,924.04	37.66	21.72	-83.93	1,929.69	1,964.21	2,387.00	2,333.36	53.65	44.496	
8,700.00	7,192.03	7,086.00	6,899.53	39.11	21.73	-83.35	1,936.09	1,993.83	2,415.16	2,360.71	54.45	44.358	
8,800.00	7,191.56	7,086.00	6,899.53	40.58	21.73	-83.35	1,936.09	1,993.83	2,446.05	2,390.74	55.31	44.224	
8,900.00	7,191.08	7,086.00	6,899.53	42.07	21.73	-83.35	1,936.09	1,993.83	2,480.58	2,424.45	56.13	44.190	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	61.90	585.46	1,096.63	1,243.24					
100.00	100.00	90.72	90.72	3.28	3.28	61.92	585.03	1,096.54	1,242.87	1,235.51	7.36	168.966		
200.00	200.00	186.20	186.20	3.31	3.29	61.93	584.58	1,096.25	1,242.38	1,234.99	7.39	168.119		
300.00	299.98	280.33	280.33	3.35	3.32	-46.16	584.93	1,096.04	1,241.15	1,233.69	7.46	166.479		
400.00	399.84	384.47	384.46	3.41	3.36	-46.42	585.40	1,095.93	1,237.65	1,230.10	7.56	163.747		
500.00	499.45	480.51	480.50	3.50	3.41	-46.82	585.99	1,095.56	1,231.61	1,223.91	7.70	160.024		
600.00	598.70	589.08	589.07	3.62	3.48	-47.43	586.49	1,095.15	1,223.18	1,215.30	7.88	155.133		
700.00	697.47	678.55	678.53	3.77	3.55	-48.09	586.95	1,094.56	1,212.30	1,204.19	8.10	149.611		
800.00	796.01	775.93	775.91	3.96	3.63	-48.72	587.79	1,094.42	1,201.22	1,192.86	8.36	143.670		
900.00	894.55	881.52	881.49	4.18	3.74	-49.43	588.70	1,093.90	1,189.99	1,181.32	8.66	137.358		
1,000.00	993.09	977.48	977.44	4.42	3.84	-50.10	589.69	1,092.95	1,178.59	1,169.61	8.99	131.148		
1,100.00	1,091.63	1,076.10	1,076.05	4.68	3.96	-50.82	591.05	1,092.02	1,167.59	1,158.25	9.34	124.994		
1,200.00	1,190.17	1,167.09	1,167.03	4.96	4.07	-51.50	592.62	1,091.12	1,156.94	1,147.23	9.71	119.142		
1,300.00	1,288.71	1,272.62	1,272.53	5.25	4.21	-52.31	594.57	1,090.45	1,146.85	1,136.73	10.12	113.314		
1,400.00	1,387.25	1,365.17	1,365.07	5.55	4.34	-53.03	596.07	1,089.36	1,136.39	1,125.85	10.53	107.882		
1,500.00	1,485.79	1,464.99	1,464.86	5.87	4.49	-53.83	598.12	1,088.72	1,126.81	1,115.83	10.97	102.684		
1,600.00	1,584.34	1,572.55	1,572.40	6.19	4.65	-54.71	599.86	1,087.36	1,116.69	1,105.25	11.44	97.612		
1,700.00	1,682.88	1,684.70	1,684.53	6.52	4.82	-55.61	600.60	1,085.39	1,105.86	1,093.94	11.93	92.725		
1,800.00	1,781.42	1,782.55	1,782.35	6.85	4.98	-56.41	600.69	1,083.16	1,094.48	1,082.08	12.41	88.229		
1,900.00	1,879.96	1,874.57	1,874.34	7.04	5.13	-57.20	601.40	1,080.98	1,083.68	1,071.15	12.53	86.487		
2,000.00	1,978.50	1,969.20	1,968.93	7.08	5.29	-58.07	602.97	1,078.69	1,073.64	1,060.91	12.73	84.329		
2,100.00	2,077.04	2,061.17	2,060.86	7.13	5.45	-58.93	604.82	1,076.59	1,064.21	1,051.26	12.95	82.185		
2,200.00	2,175.58	2,152.02	2,151.67	7.20	5.61	-59.80	607.04	1,075.03	1,055.74	1,042.56	13.18	80.082		
2,300.00	2,274.12	2,243.54	2,243.14	7.29	5.77	-60.68	609.57	1,073.98	1,048.21	1,034.77	13.44	78.011		
2,400.00	2,372.66	2,336.16	2,335.74	7.39	5.94	-61.55	612.11	1,073.71	1,041.55	1,027.84	13.71	75.974		
2,500.00	2,471.20	2,435.54	2,435.07	7.51	6.12	-62.49	615.07	1,073.70	1,035.54	1,021.53	14.01	73.907		
2,600.00	2,569.74	2,536.31	2,535.79	7.64	6.30	-63.49	618.04	1,072.84	1,029.21	1,014.88	14.33	71.806		
2,700.00	2,668.28	2,627.48	2,626.91	7.78	6.47	-64.39	620.95	1,072.68	1,023.82	1,009.17	14.65	69.875		
2,800.00	2,766.83	2,727.92	2,727.29	7.94	6.66	-65.40	624.41	1,072.30	1,018.79	1,003.78	15.00	67.902		
2,900.00	2,865.37	2,827.10	2,826.41	8.11	6.85	-66.44	628.03	1,071.63	1,014.03	998.66	15.37	65.988		
3,000.00	2,963.91	2,929.70	2,928.93	8.28	7.05	-67.54	631.76	1,070.37	1,009.24	993.49	15.75	64.080		
3,100.00	3,062.45	3,029.51	3,028.65	8.47	7.24	-68.65	635.58	1,068.51	1,004.57	988.43	16.14	62.245		
3,200.00	3,160.99	3,128.32	3,127.35	8.67	7.44	-69.80	639.60	1,066.06	1,000.08	983.55	16.54	60.473		
3,300.00	3,259.53	3,222.68	3,221.59	8.88	7.62	-70.92	643.69	1,063.62	996.16	979.22	16.94	58.814		
3,400.00	3,358.07	3,317.92	3,316.69	9.09	7.81	-72.06	648.17	1,061.47	993.14	975.79	17.35	57.246		
3,500.00	3,456.61	3,427.00	3,425.63	9.31	8.02	-73.39	652.85	1,058.22	989.81	972.01	17.80	55.620		
3,600.00	3,555.15	3,524.72	3,523.23	9.54	8.22	-74.57	656.56	1,055.33	986.55	968.32	18.23	54.124		
3,700.00	3,653.69	3,622.37	3,620.80	9.78	8.42	-75.72	659.85	1,052.94	983.64	964.98	18.67	52.697		
3,800.00	3,752.23	3,717.74	3,716.09	10.02	8.61	-76.83	663.16	1,051.06	981.49	962.38	19.11	51.370		
3,900.00	3,850.77	3,825.62	3,823.88	10.27	8.82	-78.11	666.47	1,048.35	979.11	959.53	19.58	50.013		
4,000.00	3,949.31	3,926.47	3,924.66	10.52	9.03	-79.31	669.16	1,045.62	976.75	956.71	20.04	48.743		
4,100.00	4,047.86	4,035.42	4,033.53	10.78	9.25	-80.63	671.39	1,042.00	973.98	953.46	20.52	47.467		
4,200.00	4,146.40	4,136.44	4,134.45	11.05	9.46	-81.88	672.79	1,037.89	970.74	949.75	20.99	46.251		
4,300.00	4,244.94	4,228.50	4,226.40	11.31	9.64	-83.06	674.64	1,033.78	968.35	946.90	21.45	45.154		
4,400.00	4,343.48	4,324.17	4,321.96	11.59	9.84	-84.29	676.87	1,029.59	966.76	944.85	21.91	44.120		
4,500.00	4,442.02	4,417.98	4,415.66	11.86	10.03	-85.50	679.17	1,025.73	965.89	943.51	22.38	43.162		
4,524.98	4,466.64	4,439.87	4,437.53	11.93	10.08	-85.78	679.78	1,024.89	965.84	943.35	22.49	42.941 CC, ES		
4,600.00	4,540.56	4,506.02	4,503.59	12.14	10.21	-86.62	681.92	1,022.52	966.26	943.43	22.83	42.316		
4,700.00	4,639.10	4,600.02	4,597.51	12.42	10.41	-87.77	685.22	1,019.91	967.76	944.45	23.31	41.525		
4,800.00	4,737.64	4,699.37	4,696.77	12.71	10.61	-88.96	688.62	1,017.73	969.81	946.02	23.79	40.765		
4,900.00	4,836.18	4,796.86	4,794.18	13.00	10.82	-90.10	691.83	1,015.83	972.22	947.95	24.27	40.054		
5,000.00	4,934.72	4,892.91	4,890.17	13.29	11.02	-91.21	695.04	1,014.21	975.15	950.40	24.75	39.394		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)			Offset Site Error:		0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
5,100.00	5,033.26	4,990.71	4,987.90	13.58	11.22	-92.33	698.43	1,012.56	978.60	953.36	25.24	38.772				
5,200.00	5,131.80	5,093.92	5,091.04	13.87	11.43	-93.50	701.74	1,010.84	982.20	956.46	25.74	38.159				
5,300.00	5,230.34	5,188.48	5,185.54	14.17	11.63	-94.57	704.68	1,009.12	986.04	959.82	26.22	37.606				
5,400.00	5,328.89	5,298.90	5,295.88	14.47	11.86	-95.84	707.87	1,006.49	989.96	963.23	26.74	37.027				
5,500.00	5,427.43	5,410.96	5,407.87	14.77	12.10	-97.15	709.62	1,003.06	992.86	965.61	27.25	36.432				
5,600.00	5,525.97	5,499.97	5,496.82	15.08	12.28	-98.20	710.94	1,000.03	996.03	968.31	27.72	35.931				
5,700.00	5,624.51	5,599.48	5,596.24	15.38	12.49	-99.39	712.73	996.16	999.86	971.64	28.21	35.443				
5,800.00	5,723.05	5,692.09	5,688.74	15.69	12.69	-100.52	714.61	992.11	1,004.28	975.60	28.68	35.011				
5,900.00	5,821.59	5,791.84	5,788.36	16.00	12.90	-101.74	716.84	987.48	1,009.33	980.16	29.17	34.597				
6,000.00	5,920.13	5,895.32	5,891.70	16.31	13.11	-103.01	718.74	982.46	1,014.43	984.76	29.67	34.190				
6,100.00	6,018.67	5,994.24	5,990.50	16.62	13.32	-104.19	720.17	977.77	1,019.60	989.45	30.16	33.810				
6,200.00	6,117.21	6,096.84	6,092.97	16.93	13.54	-105.42	721.36	972.72	1,024.93	994.28	30.65	33.441				
6,300.00	6,215.75	6,186.71	6,182.72	17.24	13.73	-106.50	722.49	968.09	1,030.80	999.69	31.11	33.130				
6,400.00	6,314.29	6,285.41	6,281.26	17.56	13.93	-107.68	724.13	962.75	1,037.51	1,005.91	31.60	32.835				
6,500.00	6,412.83	6,378.46	6,374.14	17.87	14.13	-108.80	725.70	957.41	1,044.69	1,012.62	32.07	32.578				
6,600.00	6,511.38	6,485.97	6,481.46	18.19	14.36	-110.07	727.45	951.34	1,052.27	1,019.70	32.57	32.309				
6,700.00	6,609.92	6,586.18	6,581.51	18.51	14.57	-111.24	728.24	945.76	1,059.44	1,026.39	33.05	32.053				
6,800.00	6,708.16	6,671.81	6,666.99	18.84	14.75	-106.69	729.23	940.80	1,067.54	1,034.03	33.51	31.857				
6,900.00	6,803.11	6,753.95	6,748.98	19.25	14.93	-102.23	731.14	936.13	1,078.37	1,044.36	34.02	31.703				
7,000.00	6,892.11	6,831.54	6,826.41	19.76	15.09	-100.81	733.66	931.91	1,092.80	1,058.22	34.57	31.607 SF				
7,100.00	6,972.96	6,901.91	6,896.62	20.36	15.24	-100.20	736.48	928.25	1,111.87	1,076.69	35.17	31.611				
7,200.00	7,043.67	6,972.15	6,966.73	21.07	15.39	-99.91	739.51	924.99	1,136.37	1,100.54	35.83	31.718				
7,300.00	7,102.50	7,027.49	7,021.97	21.87	15.51	-98.92	741.91	922.86	1,167.05	1,130.57	36.48	31.994				
7,400.00	7,148.01	7,067.90	7,062.32	22.77	15.60	-96.87	743.83	921.56	1,204.63	1,167.53	37.10	32.470				
7,500.00	7,179.07	7,095.13	7,089.50	23.75	15.65	-93.60	745.20	920.80	1,248.94	1,211.26	37.67	33.153				
7,600.00	7,194.92	7,109.72	7,104.06	24.79	15.68	-89.04	745.96	920.43	1,299.16	1,261.00	38.17	34.040				
7,700.00	7,196.79	7,109.06	7,103.41	25.88	15.68	-85.86	745.93	920.45	1,354.12	1,315.57	38.55	35.124				
7,800.00	7,196.31	7,105.53	7,099.88	27.02	15.68	-85.68	745.75	920.53	1,413.82	1,374.93	38.89	36.353				
7,900.00	7,195.84	7,101.88	7,096.24	28.22	15.67	-85.49	745.55	920.63	1,477.87	1,438.68	39.19	37.707				
8,000.00	7,195.36	7,098.44	7,092.80	29.47	15.66	-85.31	745.38	920.71	1,545.74	1,506.28	39.46	39.171				
8,100.00	7,194.89	7,095.26	7,089.63	30.75	15.65	-85.15	745.21	920.80	1,616.94	1,577.24	39.70	40.731				
8,200.00	7,194.41	7,091.99	7,086.37	32.08	15.65	-84.98	745.04	920.88	1,691.05	1,651.14	39.91	42.376				
8,300.00	7,193.93	7,088.63	7,083.01	33.44	15.64	-84.81	744.87	920.97	1,767.71	1,727.62	40.09	44.094				
8,400.00	7,193.46	7,085.18	7,079.57	34.82	15.63	-84.63	744.69	921.07	1,846.59	1,806.34	40.25	45.878				
8,500.00	7,192.98	7,081.63	7,076.02	36.23	15.63	-84.45	744.51	921.16	1,927.43	1,887.04	40.39	47.717				
8,600.00	7,192.51	7,077.97	7,072.37	37.66	15.62	-84.26	744.33	921.27	2,009.99	1,969.48	40.52	49.606				
8,700.00	7,192.03	7,074.21	7,068.62	39.11	15.61	-84.07	744.14	921.37	2,094.07	2,053.44	40.63	51.538				
8,800.00	7,191.56	7,070.34	7,064.75	40.58	15.60	-83.87	743.95	921.49	2,179.48	2,138.75	40.73	53.506				
8,900.00	7,191.08	7,066.35	7,060.77	42.07	15.59	-83.66	743.75	921.60	2,266.09	2,225.26	40.82	55.508				
9,000.00	7,190.61	7,062.24	7,056.66	43.56	15.58	-83.45	743.55	921.73	2,353.75	2,312.84	40.91	57.537				
9,100.00	7,190.13	7,058.00	7,052.43	45.07	15.57	-83.23	743.34	921.86	2,442.35	2,401.36	40.98	59.592				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
3,600.00	3,555.15	4,650.23	4,395.91	9.54	19.13	-112.20	2,140.99	474.21	2,478.31	2,453.95	24.36	101.734	
3,700.00	3,653.69	4,700.00	4,442.31	9.78	19.38	-112.48	2,123.15	471.57	2,448.31	2,423.50	24.81	98.676	
3,800.00	3,752.23	4,769.99	4,507.87	10.02	19.71	-112.87	2,098.96	467.75	2,419.75	2,394.44	25.32	95.583	
3,900.00	3,850.77	4,833.65	4,567.77	10.27	20.00	-113.23	2,077.67	464.48	2,392.48	2,366.68	25.81	92.703	
4,000.00	3,949.31	4,900.00	4,630.53	10.52	20.31	-113.61	2,056.35	461.38	2,366.66	2,340.35	26.31	89.950	
4,100.00	4,047.86	4,973.23	4,700.06	10.78	20.64	-114.01	2,033.56	458.33	2,342.03	2,315.19	26.83	87.278	
4,200.00	4,146.40	5,043.19	4,766.66	11.05	20.95	-114.40	2,012.30	455.71	2,318.35	2,291.00	27.35	84.761	
4,300.00	4,244.94	5,109.79	4,830.30	11.31	21.24	-114.77	1,992.87	453.25	2,296.05	2,268.18	27.86	82.406	
4,400.00	4,343.48	5,182.22	4,899.77	11.59	21.55	-115.18	1,972.50	450.64	2,274.99	2,246.60	28.39	80.128	
4,500.00	4,442.02	5,242.51	4,957.78	11.86	21.80	-115.52	1,956.25	448.58	2,255.30	2,226.41	28.89	78.077	
4,600.00	4,540.56	5,300.00	5,013.39	12.14	22.04	-115.83	1,941.75	446.87	2,237.46	2,208.09	29.37	76.184	
4,700.00	4,639.10	5,358.62	5,070.35	12.42	22.27	-116.15	1,927.97	445.27	2,221.46	2,191.61	29.85	74.417	
4,800.00	4,737.64	5,419.04	5,129.28	12.71	22.50	-116.48	1,914.74	443.66	2,207.26	2,176.92	30.34	72.759	
4,900.00	4,836.18	5,481.23	5,190.15	13.00	22.73	-116.82	1,902.11	442.00	2,194.81	2,163.98	30.82	71.205	
5,000.00	4,934.72	5,543.59	5,251.38	13.29	22.96	-117.15	1,890.42	440.29	2,184.09	2,152.78	31.31	69.761	
5,100.00	5,033.26	5,600.00	5,306.92	13.58	23.16	-117.46	1,880.69	438.67	2,175.14	2,143.37	31.77	68.474	
5,200.00	5,131.80	5,670.24	5,376.26	13.87	23.40	-117.84	1,869.67	436.64	2,167.88	2,135.61	32.27	67.177	
5,300.00	5,230.34	5,735.93	5,441.27	14.17	23.62	-118.19	1,860.43	434.75	2,162.33	2,129.57	32.76	66.014	
5,400.00	5,328.89	5,800.00	5,504.79	14.47	23.82	-118.53	1,852.31	432.89	2,158.37	2,125.14	33.23	64.955	
5,500.00	5,427.43	5,866.10	5,570.45	14.77	24.03	-118.88	1,844.94	430.94	2,156.08	2,122.38	33.70	63.971	
5,600.00	5,525.97	5,939.48	5,643.47	15.08	24.25	-119.26	1,837.95	428.84	2,155.45	2,121.24	34.21	63.011	
5,613.60	5,539.37	5,951.06	5,655.00	15.12	24.29	-119.31	1,836.91	428.54	2,155.44	2,121.16	34.28	62.872	CC
5,700.00	5,624.51	6,024.90	5,728.54	15.38	24.50	-119.68	1,830.52	426.90	2,155.72	2,120.96	34.76	62.012	ES
5,800.00	5,723.05	6,111.24	5,814.56	15.69	24.76	-120.11	1,823.50	424.83	2,156.73	2,121.41	35.32	61.058	
5,900.00	5,821.59	6,200.89	5,903.89	16.00	25.02	-120.57	1,816.46	421.91	2,158.35	2,122.45	35.90	60.121	
6,000.00	5,920.13	6,271.71	5,974.66	16.31	25.22	-120.95	1,811.36	418.94	2,160.97	2,124.59	36.39	59.390	
6,100.00	6,018.67	6,348.13	6,050.65	16.62	25.43	-121.37	1,806.67	415.25	2,164.93	2,128.03	36.89	58.680	
6,200.00	6,117.21	6,456.84	6,159.13	16.93	25.70	-121.92	1,800.98	411.45	2,169.68	2,132.15	37.52	57.823	
6,300.00	6,215.75	6,500.00	6,202.22	17.24	25.80	-122.07	1,798.94	412.67	2,174.44	2,136.60	37.84	57.468	
6,400.00	6,314.29	6,561.48	6,263.62	17.56	25.84	-122.24	1,797.60	415.23	2,181.08	2,142.96	38.12	57.215	
6,500.00	6,412.83	6,600.00	6,302.12	17.87	25.88	-122.36	1,798.28	416.32	2,191.12	2,152.80	38.32	57.177	
6,600.00	6,511.38	6,680.73	6,382.79	18.19	25.84	-122.60	1,801.01	417.94	2,203.08	2,164.51	38.57	57.124	
6,700.00	6,609.92	6,771.95	6,473.94	18.51	25.81	-122.89	1,804.30	419.23	2,215.49	2,176.66	38.84	57.045	
6,800.00	6,708.16	6,835.46	6,537.39	18.84	25.78	-117.29	1,806.88	419.67	2,229.10	2,190.04	39.06	57.070	
6,900.00	6,803.11	6,900.00	6,601.81	19.25	25.76	-111.07	1,810.77	418.94	2,248.13	2,208.74	39.38	57.081	
7,000.00	6,892.11	7,153.58	6,855.21	19.76	25.97	-109.95	1,817.00	416.26	2,268.67	2,228.06	40.61	55.863	
7,100.00	6,972.96	7,254.75	6,956.37	20.36	26.16	-108.34	1,815.40	417.42	2,289.63	2,248.16	41.48	55.204	
7,200.00	7,043.67	7,326.45	7,028.05	21.07	26.36	-106.52	1,814.16	418.37	2,315.60	2,273.19	42.41	54.601	
7,300.00	7,102.50	7,386.39	7,087.97	21.87	26.64	-104.38	1,813.12	419.16	2,346.88	2,303.36	43.52	53.922	
7,400.00	7,148.01	7,433.11	7,134.68	22.77	27.01	-101.66	1,812.31	419.78	2,383.45	2,338.66	44.79	53.214	
7,500.00	7,179.07	7,465.45	7,167.01	23.75	27.31	-98.20	1,811.75	420.21	2,424.98	2,378.98	46.00	52.719	
7,600.00	7,194.92	7,482.61	7,184.17	24.79	27.47	-93.93	1,811.45	420.44	2,470.80	2,423.76	47.04	52.526	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
4,300.00	4,244.94	5,215.35	4,854.85	11.31	23.73	-88.23	1,996.81	1,539.71	2,476.02	2,442.88	33.14	74.718		
4,400.00	4,343.48	5,283.51	4,917.31	11.59	24.08	-88.00	1,972.75	1,552.55	2,448.45	2,414.67	33.78	72.483		
4,500.00	4,442.02	5,300.00	4,932.48	11.86	24.16	-87.95	1,967.06	1,555.61	2,422.77	2,388.54	34.24	70.766		
4,600.00	4,540.56	5,363.38	4,991.55	12.14	24.47	-87.78	1,946.92	1,566.66	2,398.69	2,363.86	34.84	68.855		
4,700.00	4,639.10	5,400.00	5,026.26	12.42	24.64	-87.70	1,936.79	1,572.44	2,377.50	2,342.16	35.33	67.289		
4,800.00	4,737.64	5,451.77	5,075.81	12.71	24.86	-87.63	1,923.88	1,580.06	2,358.52	2,322.66	35.85	65.780		
4,900.00	4,836.18	5,500.00	5,122.31	13.00	25.06	-87.58	1,912.96	1,586.73	2,341.49	2,305.14	36.35	64.408		
5,000.00	4,934.72	5,578.12	5,198.12	13.29	25.37	-87.54	1,896.89	1,596.58	2,325.92	2,288.98	36.94	62.965		
5,100.00	5,033.26	5,657.66	5,275.74	13.58	25.67	-87.54	1,881.89	1,605.29	2,311.36	2,273.84	37.52	61.611		
5,200.00	5,131.80	5,739.44	5,355.91	13.87	25.96	-87.58	1,867.64	1,612.84	2,297.53	2,259.45	38.08	60.331		
5,300.00	5,230.34	5,814.85	5,430.13	14.17	26.22	-87.66	1,855.59	1,618.55	2,284.50	2,245.89	38.61	59.168		
5,400.00	5,328.89	5,873.26	5,487.90	14.47	26.40	-87.76	1,847.65	1,621.81	2,272.98	2,233.92	39.06	58.193		
5,500.00	5,427.43	5,979.09	5,593.03	14.77	26.70	-88.05	1,835.82	1,624.48	2,262.69	2,223.08	39.61	57.122		
5,600.00	5,525.97	6,054.38	5,667.92	15.08	26.89	-88.33	1,828.07	1,623.82	2,252.14	2,212.11	40.04	56.253		
5,700.00	5,624.51	6,100.00	5,713.36	15.38	26.99	-88.52	1,824.27	1,622.79	2,243.29	2,202.92	40.37	55.567		
5,800.00	5,723.05	6,168.32	5,781.52	15.69	27.11	-88.82	1,820.02	1,620.98	2,236.23	2,195.51	40.72	54.919		
5,900.00	5,821.59	6,224.37	5,837.52	16.00	27.21	-89.08	1,817.82	1,619.67	2,231.35	2,190.32	41.03	54.380		
6,000.00	5,920.13	6,284.53	5,897.65	16.31	27.32	-89.35	1,816.31	1,619.05	2,228.36	2,187.00	41.35	53.885		
6,100.00	6,018.67	6,356.21	5,969.32	16.62	27.47	-89.65	1,815.39	1,619.13	2,226.99	2,185.26	41.73	53.371		
6,173.95	6,091.55	6,413.76	6,026.87	16.85	27.57	-89.90	1,815.19	1,619.26	2,226.73	2,184.72	42.00	53.013		
6,200.00	6,117.21	6,436.12	6,049.24	16.93	27.59	-90.00	1,815.22	1,619.24	2,226.75	2,184.66	42.09	52.910		
6,300.00	6,215.75	6,521.36	6,134.47	17.24	27.64	-90.39	1,815.84	1,618.59	2,227.28	2,184.91	42.37	52.567		
6,400.00	6,314.29	6,605.23	6,218.32	17.56	27.62	-90.80	1,817.27	1,617.12	2,228.59	2,186.02	42.56	52.358		
6,500.00	6,412.83	6,690.37	6,303.37	17.87	27.58	-91.26	1,819.63	1,614.40	2,230.66	2,187.91	42.75	52.182		
6,600.00	6,511.38	6,847.23	6,460.15	18.19	27.61	-92.05	1,822.09	1,610.84	2,232.12	2,189.01	43.11	51.776		
6,700.00	6,609.92	6,963.71	6,576.61	18.51	27.82	-92.52	1,820.28	1,611.70	2,231.44	2,187.82	43.62	51.155		
6,800.00	6,708.16	7,043.57	6,656.45	18.84	28.00	-87.64	1,819.04	1,612.93	2,230.75	2,186.69	44.05	50.637		
6,900.00	6,803.11	7,124.29	6,737.13	19.25	28.18	-83.46	1,818.40	1,615.34	2,227.79	2,183.26	44.53	50.030		
7,000.00	6,892.11	7,236.42	6,849.21	19.76	28.42	-83.13	1,817.02	1,618.68	2,221.12	2,175.92	45.20	49.142		
7,100.00	6,972.96	7,327.80	6,940.53	20.36	28.62	-84.15	1,815.28	1,621.24	2,211.49	2,165.65	45.84	48.246		
7,200.00	7,043.67	7,400.50	7,013.19	21.07	28.75	-85.72	1,813.79	1,623.26	2,200.61	2,154.17	46.44	47.386		
7,300.00	7,102.50	7,461.61	7,074.27	21.87	29.02	-87.50	1,812.54	1,624.96	2,189.92	2,142.65	47.27	46.330		
7,400.00	7,148.01	7,509.62	7,122.24	22.77	29.27	-89.16	1,811.56	1,626.30	2,180.70	2,132.56	48.14	45.302		
7,500.00	7,179.07	7,543.34	7,155.94	23.75	29.55	-90.42	1,810.87	1,627.24	2,174.11	2,125.00	49.11	44.272		
7,600.00	7,194.92	7,561.94	7,174.53	24.79	29.71	-91.10	1,810.49	1,627.76	2,171.01	2,121.04	49.97	43.449		
7,627.14	7,196.80	7,564.57	7,177.16	25.09	29.73	-91.17	1,810.44	1,627.83	2,170.85	2,120.67	50.18	43.259 CC, ES		
7,700.00	7,196.79	7,566.59	7,179.18	25.88	29.75	-91.22	1,810.39	1,627.88	2,171.93	2,121.23	50.70	42.836		
7,800.00	7,196.31	7,568.89	7,181.48	27.02	29.77	-91.28	1,810.35	1,627.95	2,177.37	2,125.92	51.45	42.318		
7,900.00	7,195.84	7,571.20	7,183.79	28.22	29.79	-91.34	1,810.30	1,628.01	2,187.37	2,135.14	52.23	41.879		
8,000.00	7,195.36	7,573.51	7,186.09	29.47	29.81	-91.40	1,810.25	1,628.08	2,201.87	2,148.84	53.03	41.524		
8,100.00	7,194.89	7,575.81	7,188.40	30.75	29.83	-91.46	1,810.21	1,628.14	2,220.78	2,166.95	53.83	41.256		
8,200.00	7,194.41	7,578.12	7,190.70	32.08	29.85	-91.52	1,810.16	1,628.21	2,243.99	2,189.35	54.63	41.074		
8,300.00	7,193.93	7,580.43	7,193.01	33.44	29.87	-91.58	1,810.11	1,628.27	2,271.36	2,215.93	55.43	40.978		
8,400.00	7,193.46	7,582.73	7,195.31	34.82	29.89	-91.64	1,810.06	1,628.33	2,302.76	2,246.55	56.21	40.966 SF		
8,500.00	7,192.98	7,585.04	7,197.62	36.23	29.90	-91.70	1,810.02	1,628.40	2,338.01	2,281.03	56.98	41.035		
8,600.00	7,192.51	7,587.35	7,199.92	37.66	29.92	-91.76	1,809.97	1,628.46	2,376.94	2,319.22	57.72	41.182		
8,700.00	7,192.03	7,589.65	7,202.23	39.11	29.94	-91.82	1,809.92	1,628.53	2,419.38	2,360.95	58.44	41.403		
8,800.00	7,191.56	7,608.04	7,204.54	40.58	30.13	-91.89	1,809.88	1,628.59	2,465.15	2,405.81	59.34	41.541		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.65	0.73	-119.99	120.00				
100.00	100.00	102.00	102.00	3.28	3.28	-89.65	0.73	-119.99	120.00	112.47	7.53	15.938	
200.00	200.00	202.00	202.00	3.31	3.31	-89.65	0.73	-119.99	120.00	112.42	7.57	15.842	CC, ES
300.00	299.98	302.06	302.06	3.35	3.35	162.59	0.73	-119.99	121.66	114.00	7.66	15.879	
400.00	399.84	406.06	406.03	3.41	3.42	163.68	1.50	-118.19	124.95	117.16	7.79	16.046	
500.00	499.45	510.02	509.83	3.50	3.51	165.88	3.77	-112.92	128.41	120.46	7.95	16.154	
600.00	598.70	613.84	613.21	3.62	3.63	169.07	7.51	-104.22	132.31	124.16	8.15	16.232	
700.00	697.47	717.43	715.95	3.77	3.77	173.13	12.71	-92.10	137.01	128.61	8.40	16.312	
800.00	796.01	820.77	817.91	3.96	3.95	177.86	19.36	-76.62	140.89	132.20	8.69	16.212	
900.00	894.55	923.51	918.60	4.18	4.17	-176.73	27.40	-57.90	143.03	133.99	9.04	15.821	
1,000.00	993.09	1,022.50	1,015.30	4.42	4.42	-171.24	35.76	-38.45	145.31	135.84	9.47	15.349	
1,100.00	1,091.63	1,121.50	1,112.01	4.68	4.69	-165.96	44.12	-19.00	148.90	138.96	9.95	14.972	
1,200.00	1,190.17	1,220.50	1,208.72	4.96	4.99	-160.97	52.48	0.46	153.71	143.24	10.47	14.678	
1,300.00	1,288.71	1,319.50	1,305.42	5.25	5.30	-156.31	60.84	19.91	159.63	148.59	11.04	14.456	
1,400.00	1,387.25	1,418.49	1,402.13	5.55	5.63	-152.00	69.20	39.37	166.54	154.89	11.65	14.294	
1,500.00	1,485.79	1,517.49	1,498.84	5.87	5.98	-148.05	77.55	58.82	174.32	162.03	12.29	14.182	
1,600.00	1,584.34	1,616.49	1,595.54	6.19	6.33	-144.45	85.91	78.28	182.86	169.91	12.96	14.112	
1,700.00	1,682.88	1,715.49	1,692.25	6.52	6.69	-141.18	94.27	97.73	192.07	178.42	13.65	14.075	
1,800.00	1,781.42	1,814.48	1,788.96	6.85	7.04	-138.21	102.63	117.19	201.84	187.51	14.33	14.089	
1,900.00	1,879.96	1,913.48	1,885.66	7.04	7.22	-135.53	110.99	136.64	212.10	197.77	14.34	14.795	
2,000.00	1,978.50	2,012.48	1,982.37	7.08	7.27	-133.09	119.34	156.09	222.79	208.33	14.46	15.406	
2,100.00	2,077.04	2,111.48	2,079.08	7.13	7.34	-130.87	127.70	175.55	233.84	219.22	14.61	16.001	
2,200.00	2,175.58	2,210.47	2,175.78	7.20	7.43	-128.86	136.06	195.00	245.20	230.41	14.79	16.574	
2,300.00	2,274.12	2,309.47	2,272.49	7.29	7.53	-127.03	144.42	214.46	256.85	241.84	15.00	17.119	
2,400.00	2,372.66	2,408.47	2,369.20	7.39	7.65	-125.36	152.78	233.91	268.72	253.48	15.24	17.634	
2,500.00	2,471.20	2,507.47	2,465.90	7.51	7.78	-123.83	161.14	253.37	280.81	265.31	15.50	18.116	
2,600.00	2,569.74	2,606.46	2,562.61	7.64	7.93	-122.42	169.49	272.82	293.08	277.29	15.79	18.564	
2,700.00	2,668.28	2,705.46	2,659.32	7.78	8.09	-121.13	177.85	292.28	305.51	289.41	16.10	18.977	
2,800.00	2,766.83	2,804.46	2,756.02	7.94	8.27	-119.94	186.21	311.73	318.08	301.65	16.43	19.356	
2,900.00	2,865.37	2,903.46	2,852.73	8.11	8.46	-118.84	194.57	331.18	330.78	313.99	16.79	19.702	
3,000.00	2,963.91	3,002.45	2,949.44	8.28	8.65	-117.82	202.93	350.64	343.58	326.42	17.17	20.016	
3,100.00	3,062.45	3,101.45	3,046.14	8.47	8.86	-116.87	211.28	370.09	356.49	338.93	17.56	20.300	
3,200.00	3,160.99	3,200.45	3,142.85	8.67	9.08	-116.00	219.64	389.55	369.49	351.51	17.98	20.555	
3,300.00	3,259.53	3,300.55	3,239.56	8.88	9.31	-115.18	228.00	409.00	382.56	364.15	18.41	20.781	
3,400.00	3,358.07	3,401.56	3,336.26	9.09	9.55	-114.41	236.36	428.46	395.71	376.85	18.86	20.980	
3,500.00	3,456.61	3,502.56	3,432.97	9.31	9.80	-113.69	244.72	447.91	408.92	389.59	19.33	21.156	
3,600.00	3,555.15	3,603.56	3,529.68	9.54	10.06	-113.02	253.07	467.36	422.19	402.38	19.81	21.312	
3,700.00	3,653.69	3,695.44	3,626.38	9.78	10.30	-112.39	261.43	486.82	435.52	415.24	20.28	21.475	
3,800.00	3,752.23	3,805.57	3,723.09	10.02	10.59	-111.80	269.79	506.27	448.89	428.08	20.81	21.569	
3,900.00	3,850.77	3,906.57	3,819.80	10.27	10.87	-111.24	278.15	525.73	462.31	440.98	21.33	21.675	
4,000.00	3,949.31	4,007.57	3,916.50	10.52	11.15	-110.71	286.51	545.18	475.77	453.92	21.86	21.766	
4,100.00	4,047.86	4,108.57	4,013.21	10.78	11.44	-110.22	294.87	564.64	489.27	466.87	22.40	21.845	
4,200.00	4,146.40	4,209.58	4,109.92	11.05	11.73	-109.74	303.22	584.09	502.80	479.86	22.94	21.914	
4,300.00	4,244.94	4,289.42	4,206.62	11.31	11.97	-109.30	311.58	603.55	516.37	492.93	23.44	22.031	
4,400.00	4,343.48	4,388.42	4,303.33	11.59	12.26	-108.87	319.94	623.00	529.96	505.96	24.00	22.086	
4,500.00	4,442.02	4,487.42	4,400.04	11.86	12.56	-108.47	328.30	642.45	543.58	519.02	24.56	22.133	
4,600.00	4,540.56	4,586.42	4,496.74	12.14	12.86	-108.09	336.66	661.91	557.22	532.09	25.13	22.173	
4,700.00	4,639.10	4,685.41	4,593.45	12.42	13.16	-107.72	345.01	681.36	570.89	545.18	25.71	22.206	
4,800.00	4,737.64	4,784.41	4,690.16	12.71	13.47	-107.38	353.37	700.82	584.58	558.29	26.29	22.234	
4,900.00	4,836.18	4,883.41	4,786.86	13.00	13.78	-107.04	361.73	720.27	598.29	571.41	26.88	22.257	
5,000.00	4,934.72	4,982.41	4,883.57	13.29	14.09	-106.73	370.09	739.73	612.02	584.54	27.48	22.275	
5,100.00	5,033.26	5,081.40	4,980.28	13.58	14.40	-106.42	378.45	759.18	625.77	597.69	28.07	22.289	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,131.80	5,180.40	5,076.98	13.87	14.72	-106.13	386.81	778.64	639.53	610.85	28.68	22.300		
5,300.00	5,230.34	5,279.40	5,173.69	14.17	15.04	-105.86	395.16	798.09	653.31	624.02	29.29	22.308		
5,400.00	5,328.89	5,378.40	5,270.40	14.47	15.36	-105.59	403.52	817.54	667.10	637.20	29.90	22.313		
5,500.00	5,427.43	5,477.39	5,367.10	14.77	15.68	-105.34	411.88	837.00	680.91	650.39	30.51	22.315		
5,600.00	5,525.97	5,576.39	5,463.81	15.08	16.01	-105.09	420.24	856.45	694.73	663.59	31.13	22.315		
5,700.00	5,624.51	5,675.39	5,560.52	15.38	16.34	-104.85	428.60	875.91	708.56	676.80	31.76	22.313		
5,800.00	5,723.05	5,774.39	5,657.22	15.69	16.66	-104.63	436.95	895.36	722.40	690.02	32.38	22.309		
5,900.00	5,821.59	5,873.38	5,753.93	16.00	16.99	-104.41	445.31	914.82	736.25	703.24	33.01	22.304		
6,000.00	5,920.13	5,972.38	5,850.64	16.31	17.32	-104.20	453.67	934.27	750.11	716.47	33.64	22.298		
6,100.00	6,018.67	6,071.38	5,947.34	16.62	17.66	-104.00	462.03	953.73	763.99	729.71	34.27	22.290		
6,200.00	6,117.21	6,170.38	6,044.05	16.93	17.99	-103.80	470.39	973.18	777.87	742.96	34.91	22.281		
6,300.00	6,215.75	6,269.37	6,140.76	17.24	18.32	-103.61	478.75	992.63	791.76	756.21	35.55	22.272		
6,400.00	6,314.29	6,368.37	6,237.46	17.56	18.66	-103.43	487.10	1,012.09	805.66	769.47	36.19	22.261		
6,500.00	6,412.83	6,467.37	6,334.17	17.87	19.00	-103.25	495.46	1,031.54	819.56	782.73	36.83	22.250		
6,600.00	6,511.38	6,566.37	6,430.88	18.19	19.33	-103.08	503.82	1,051.00	833.48	796.00	37.48	22.238		
6,700.00	6,609.92	6,665.36	6,527.58	18.51	19.67	-102.92	512.18	1,070.45	847.40	809.27	38.13	22.225		
6,800.00	6,708.16	6,764.38	6,624.31	18.84	20.01	-97.06	520.54	1,089.91	861.17	822.38	38.79	22.203		
6,900.00	6,803.11	6,862.73	6,720.38	19.25	20.35	-91.72	528.84	1,109.24	873.63	834.10	39.53	22.102		
7,000.00	6,892.11	6,956.72	6,812.04	19.76	20.68	-90.21	536.77	1,128.40	884.92	844.56	40.36	21.928		
7,100.00	6,972.96	7,049.07	6,899.36	20.36	21.08	-89.92	544.41	1,157.23	895.97	854.62	41.35	21.670		
7,200.00	7,043.67	7,145.90	6,985.43	21.07	21.60	-90.20	552.06	1,200.71	906.78	864.21	42.57	21.300		
7,300.00	7,102.50	7,248.04	7,067.99	21.87	22.27	-90.84	559.53	1,260.21	917.10	873.05	44.05	20.819		
7,400.00	7,148.01	7,356.37	7,143.99	22.77	23.11	-91.75	566.59	1,336.90	926.62	880.82	45.80	20.233		
7,500.00	7,179.07	7,471.68	7,209.40	23.75	24.15	-92.84	572.90	1,431.46	934.93	887.11	47.82	19.552		
7,600.00	7,194.92	7,594.53	7,259.19	24.79	25.40	-94.07	578.02	1,543.45	941.56	891.48	50.08	18.800		
7,700.00	7,196.79	7,725.31	7,287.62	25.88	26.84	-95.38	581.45	1,670.82	945.93	893.37	52.56	17.997		
7,800.00	7,196.31	7,845.73	7,291.91	27.02	28.22	-95.67	582.78	1,791.06	947.24	892.16	55.08	17.197		
7,900.00	7,195.84	7,945.73	7,291.68	28.22	29.41	-95.68	583.56	1,891.05	947.94	890.46	57.48	16.492		
8,000.00	7,195.36	8,045.73	7,291.46	29.47	30.65	-95.69	584.34	1,991.05	948.64	888.68	59.96	15.820		
8,100.00	7,194.89	8,145.73	7,291.24	30.75	31.92	-95.70	585.13	2,091.04	949.34	886.81	62.53	15.182		
8,200.00	7,194.41	8,245.72	7,291.01	32.08	33.23	-95.71	585.91	2,191.04	950.05	884.88	65.16	14.579		
8,300.00	7,193.93	8,345.72	7,290.79	33.44	34.57	-95.72	586.69	2,291.03	950.75	882.89	67.86	14.010		
8,400.00	7,193.46	8,445.72	7,290.57	34.82	35.94	-95.74	587.47	2,391.02	951.45	880.84	70.61	13.474		
8,500.00	7,192.98	8,545.72	7,290.34	36.23	37.33	-95.75	588.26	2,491.02	952.15	878.74	73.41	12.970		
8,600.00	7,192.51	8,645.71	7,290.12	37.66	38.74	-95.76	589.04	2,591.01	952.85	876.60	76.25	12.496		
8,700.00	7,192.03	8,745.71	7,289.90	39.11	40.17	-95.77	589.82	2,691.01	953.55	874.42	79.13	12.050		
8,800.00	7,191.56	8,845.71	7,289.67	40.58	41.62	-95.78	590.60	2,791.00	954.25	872.21	82.05	11.631		
8,900.00	7,191.08	8,945.71	7,289.45	42.07	43.09	-95.79	591.39	2,890.99	954.96	869.97	84.99	11.236		
9,000.00	7,190.61	9,045.70	7,289.23	43.56	44.57	-95.80	592.17	2,990.99	955.66	867.70	87.96	10.864		
9,100.00	7,190.13	9,145.70	7,289.00	45.07	46.07	-95.81	592.95	3,090.98	956.36	865.40	90.96	10.514		
9,200.00	7,189.66	9,245.70	7,288.78	46.59	47.57	-95.82	593.73	3,190.98	957.06	863.08	93.98	10.184		
9,300.00	7,189.18	9,345.70	7,288.56	48.13	49.09	-95.83	594.51	3,290.97	957.76	860.75	97.02	9.872		
9,400.00	7,188.70	9,445.69	7,288.33	49.67	50.61	-95.84	595.30	3,390.97	958.47	858.39	100.07	9.578		
9,500.00	7,188.23	9,545.69	7,288.11	51.22	52.15	-95.86	596.08	3,490.96	959.17	856.02	103.15	9.299		
9,600.00	7,187.75	9,645.69	7,287.89	52.77	53.69	-95.87	596.86	3,590.95	959.87	853.63	106.24	9.035		
9,700.00	7,187.28	9,745.69	7,287.66	54.34	55.24	-95.88	597.64	3,690.95	960.57	851.23	109.34	8.785		
9,800.00	7,186.80	9,845.68	7,287.44	55.91	56.80	-95.89	598.43	3,790.94	961.27	848.82	112.46	8.548		
9,900.00	7,186.33	9,945.68	7,287.22	57.48	58.36	-95.90	599.21	3,890.94	961.98	846.39	115.59	8.323		
10,000.00	7,185.85	10,045.68	7,286.99	59.06	59.93	-95.91	599.99	3,990.93	962.68	843.95	118.72	8.108		
10,100.00	7,185.38	10,145.67	7,286.77	60.65	61.51	-95.92	600.77	4,090.92	963.38	841.51	121.87	7.905		
10,200.00	7,184.90	10,245.67	7,286.55	62.24	63.09	-95.93	601.56	4,190.92	964.08	839.05	125.03	7.711		
10,300.00	7,184.42	10,345.67	7,286.32	63.83	64.67	-95.94	602.34	4,290.91	964.78	836.59	128.20	7.526		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,183.95	10,445.67	7,286.10	65.43	66.26	-95.95	603.12	4,390.91	965.49	834.11	131.37	7.349	
10,500.00	7,183.47	10,545.66	7,285.88	67.04	67.85	-95.96	603.90	4,490.90	966.19	831.64	134.55	7.181	
10,600.00	7,183.00	10,645.66	7,285.66	68.64	69.45	-95.97	604.69	4,590.89	966.89	829.15	137.74	7.020	
10,700.00	7,182.52	10,745.66	7,285.43	70.25	71.05	-95.98	605.47	4,690.89	967.59	826.66	140.94	6.865	
10,800.00	7,182.05	10,845.66	7,285.21	71.86	72.65	-96.00	606.25	4,790.88	968.30	824.16	144.14	6.718	
10,900.00	7,181.57	10,945.65	7,284.99	73.48	74.26	-96.01	607.03	4,890.88	969.00	821.66	147.34	6.576	
11,000.00	7,181.10	11,045.65	7,284.76	75.09	75.87	-96.02	607.81	4,990.87	969.70	819.15	150.55	6.441	
11,100.00	7,180.62	11,145.65	7,284.54	76.71	77.48	-96.03	608.60	5,090.86	970.40	816.63	153.77	6.311	
11,200.00	7,180.15	11,245.65	7,284.32	78.33	79.09	-96.04	609.38	5,190.86	971.11	814.12	156.99	6.186	
11,300.00	7,179.67	11,345.64	7,284.09	79.96	80.71	-96.05	610.16	5,290.85	971.81	811.59	160.22	6.066	
11,400.00	7,179.19	11,445.64	7,283.87	81.58	82.33	-96.06	610.94	5,390.85	972.51	809.07	163.44	5.950	
11,500.00	7,178.72	11,545.64	7,283.65	83.21	83.95	-96.07	611.73	5,490.84	973.21	806.54	166.68	5.839	
11,600.00	7,178.24	11,645.64	7,283.42	84.84	85.57	-96.08	612.51	5,590.83	973.92	804.00	169.91	5.732	
11,700.00	7,177.77	11,745.63	7,283.20	86.47	87.20	-96.09	613.29	5,690.83	974.62	801.47	173.15	5.629	
11,800.00	7,177.29	11,845.63	7,282.98	88.11	88.82	-96.10	614.07	5,790.82	975.32	798.93	176.39	5.529	
11,900.00	7,176.82	11,945.63	7,282.75	89.74	90.45	-96.11	614.86	5,890.82	976.02	796.39	179.64	5.433	
12,000.00	7,176.34	12,045.62	7,282.53	91.38	92.08	-96.12	615.64	5,990.81	976.73	793.84	182.89	5.341	
12,100.00	7,175.87	12,145.62	7,282.31	93.01	93.71	-96.13	616.42	6,090.80	977.43	791.29	186.14	5.251	
12,200.00	7,175.39	12,245.62	7,282.08	94.65	95.34	-96.14	617.20	6,190.80	978.13	788.74	189.39	5.165	
12,300.00	7,174.91	12,345.62	7,281.86	96.29	96.98	-96.15	617.99	6,290.79	978.84	786.19	192.65	5.081	
12,400.00	7,174.44	12,445.61	7,281.64	97.93	98.61	-96.16	618.77	6,390.79	979.54	783.63	195.90	5.000	
12,500.00	7,173.96	12,545.61	7,281.41	99.57	100.25	-96.17	619.55	6,490.78	980.24	781.08	199.16	4.922	
12,600.00	7,173.49	12,645.61	7,281.19	101.21	101.88	-96.18	620.33	6,590.78	980.94	778.52	202.43	4.846	
12,700.00	7,173.01	12,745.61	7,280.97	102.86	103.52	-96.19	621.12	6,690.77	981.65	775.96	205.69	4.772	
12,800.00	7,172.54	12,845.60	7,280.74	104.50	105.16	-96.20	621.90	6,790.76	982.35	773.39	208.96	4.701	
12,900.00	7,172.06	12,945.60	7,280.52	106.15	106.80	-96.22	622.68	6,890.76	983.05	770.83	212.22	4.632	
13,000.00	7,171.59	13,045.60	7,280.30	107.79	108.44	-96.23	623.46	6,990.75	983.76	768.26	215.49	4.565	
13,100.00	7,171.11	13,145.60	7,280.07	109.44	110.09	-96.24	624.24	7,090.75	984.46	765.70	218.76	4.500	
13,200.00	7,170.64	13,245.59	7,279.85	111.09	111.73	-96.25	625.03	7,190.74	985.16	763.13	222.03	4.437	
13,300.00	7,170.16	13,345.59	7,279.63	112.74	113.37	-96.26	625.81	7,290.73	985.87	760.56	225.31	4.376	
13,400.00	7,169.68	13,445.59	7,279.41	114.39	115.02	-96.27	626.59	7,390.73	986.57	757.99	228.58	4.316	
13,500.00	7,169.21	13,545.59	7,279.18	116.04	116.66	-96.28	627.37	7,490.72	987.27	755.41	231.86	4.258	
13,600.00	7,168.73	13,645.58	7,278.96	117.69	118.31	-96.29	628.16	7,590.72	987.98	752.84	235.14	4.202	
13,700.00	7,168.26	13,745.58	7,278.74	119.34	119.96	-96.30	628.94	7,690.71	988.68	750.26	238.42	4.147	
13,800.00	7,167.78	13,845.58	7,278.51	120.99	121.61	-96.31	629.72	7,790.70	989.38	747.69	241.69	4.094	
13,900.00	7,167.31	13,945.57	7,278.29	122.64	123.25	-96.32	630.50	7,890.70	990.09	745.11	244.98	4.042	
14,000.00	7,166.83	14,045.57	7,278.07	124.29	124.90	-96.33	631.29	7,990.69	990.79	742.53	248.26	3.991	
14,100.00	7,166.36	14,145.57	7,277.84	125.95	126.55	-96.34	632.07	8,090.69	991.49	739.95	251.54	3.942	
14,200.00	7,165.88	14,245.57	7,277.62	127.60	128.20	-96.35	632.85	8,190.68	992.20	737.37	254.82	3.894	
14,300.00	7,165.40	14,345.56	7,277.40	129.26	129.85	-96.36	633.63	8,290.67	992.90	734.79	258.11	3.847	
14,400.00	7,164.93	14,445.56	7,277.17	130.91	131.51	-96.37	634.42	8,390.67	993.60	732.21	261.39	3.801	
14,500.00	7,164.45	14,545.56	7,276.95	132.57	133.16	-96.38	635.20	8,490.66	994.31	729.63	264.68	3.757	
14,600.00	7,163.98	14,645.56	7,276.73	134.22	134.81	-96.39	635.98	8,590.66	995.01	727.04	267.97	3.713	
14,700.00	7,163.50	14,745.55	7,276.50	135.88	136.46	-96.40	636.76	8,690.65	995.71	724.46	271.25	3.671	
14,800.00	7,163.03	14,845.55	7,276.28	137.54	138.12	-96.41	637.54	8,790.64	996.42	721.88	274.54	3.629	
14,900.00	7,162.55	14,945.55	7,276.06	139.19	139.77	-96.42	638.33	8,890.64	997.12	719.29	277.83	3.589	
15,000.00	7,162.08	15,045.55	7,275.83	140.85	141.42	-96.43	639.11	8,990.63	997.83	716.70	281.12	3.549	
15,100.00	7,161.60	15,145.54	7,275.61	142.51	143.08	-96.44	639.89	9,090.63	998.53	714.12	284.41	3.511	
15,200.00	7,161.13	15,245.54	7,275.39	144.17	144.73	-96.45	640.67	9,190.62	999.23	711.53	287.70	3.473	
15,300.00	7,160.65	15,345.54	7,275.16	145.82	146.39	-96.46	641.46	9,290.61	999.94	708.94	291.00	3.436	
15,400.00	7,160.17	15,445.54	7,274.94	147.48	148.04	-96.47	642.24	9,390.61	1,000.64	706.35	294.29	3.400	
15,500.00	7,159.70	15,545.53	7,274.72	149.14	149.70	-96.48	643.02	9,490.60	1,001.35	703.76	297.58	3.365	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,159.22	15,645.53	7,274.49	150.80	151.36	-96.49	643.80	9,590.60	1,002.05	701.17	300.87	3.330	
15,700.00	7,158.75	15,745.53	7,274.27	152.46	153.01	-96.50	644.59	9,690.59	1,002.75	698.58	304.17	3.297	
15,800.00	7,158.27	15,845.52	7,274.05	154.12	154.67	-96.51	645.37	9,790.59	1,003.46	695.99	307.46	3.264	
15,900.00	7,157.80	15,945.52	7,273.82	155.78	156.33	-96.52	646.15	9,890.58	1,004.16	693.40	310.76	3.231	
16,000.00	7,157.32	16,045.52	7,273.60	157.44	157.98	-96.53	646.93	9,990.57	1,004.86	690.81	314.05	3.200	
16,100.00	7,156.85	16,145.52	7,273.38	159.10	159.64	-96.54	647.72	10,090.57	1,005.57	688.22	317.35	3.169	
16,200.00	7,156.37	16,245.51	7,273.15	160.76	161.30	-96.55	648.50	10,190.56	1,006.27	685.63	320.65	3.138	
16,300.00	7,155.89	16,345.51	7,272.93	162.42	162.96	-96.56	649.28	10,290.56	1,006.98	683.04	323.94	3.109	
16,400.00	7,155.42	16,445.51	7,272.71	164.08	164.62	-96.57	650.06	10,390.55	1,007.68	680.44	327.24	3.079	
16,500.00	7,154.94	16,545.51	7,272.49	165.75	166.28	-96.58	650.84	10,490.54	1,008.39	677.85	330.54	3.051	
16,600.00	7,154.47	16,645.50	7,272.26	167.41	167.94	-96.59	651.63	10,590.54	1,009.09	675.26	333.83	3.023	
16,700.00	7,153.99	16,745.50	7,272.04	169.07	169.60	-96.60	652.41	10,690.53	1,009.79	672.66	337.13	2.995	
16,800.00	7,153.52	16,845.50	7,271.82	170.73	171.26	-96.61	653.19	10,790.53	1,010.50	670.07	340.43	2.968	
16,900.00	7,153.04	16,945.50	7,271.59	172.39	172.92	-96.62	653.97	10,890.52	1,011.20	667.47	343.73	2.942	
17,000.00	7,152.57	17,045.49	7,271.37	174.06	174.58	-96.63	654.76	10,990.51	1,011.91	664.88	347.03	2.916	
17,100.00	7,152.09	17,145.49	7,271.15	175.72	176.24	-96.64	655.54	11,090.51	1,012.61	662.28	350.33	2.890	
17,200.00	7,151.62	17,245.49	7,270.92	177.38	177.90	-96.65	656.32	11,190.50	1,013.32	659.69	353.63	2.865	
17,300.00	7,151.14	17,345.49	7,270.70	179.05	179.56	-96.66	657.10	11,290.50	1,014.02	657.09	356.93	2.841	
17,400.00	7,150.66	17,445.48	7,270.48	180.71	181.22	-96.67	657.89	11,390.49	1,014.72	654.50	360.23	2.817	
17,500.00	7,150.19	17,545.48	7,270.25	182.37	182.88	-96.68	658.67	11,490.48	1,015.43	651.90	363.53	2.793	
17,600.00	7,149.71	17,645.48	7,270.03	184.04	184.54	-96.68	659.45	11,590.48	1,016.13	649.31	366.83	2.770	
17,700.00	7,149.24	17,745.47	7,269.81	185.70	186.20	-96.69	660.23	11,690.47	1,016.84	646.71	370.13	2.747	
17,800.00	7,148.76	17,845.47	7,269.58	187.37	187.87	-96.70	661.02	11,790.47	1,017.54	644.11	373.43	2.725	
17,900.00	7,148.29	17,945.47	7,269.36	189.03	189.53	-96.71	661.80	11,890.46	1,018.25	641.52	376.73	2.703	
18,000.00	7,147.81	18,045.47	7,269.14	190.69	191.19	-96.72	662.58	11,990.45	1,018.95	638.92	380.03	2.681	
18,060.31	7,147.52	18,105.77	7,269.00	191.70	192.19	-96.73	663.05	12,050.76	1,019.38	637.35	382.02	2.668 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.61	1.09	-160.09	160.09				
100.00	100.00	102.00	102.00	3.28	3.28	-89.61	1.09	-160.09	160.09	152.56	7.53	21.263	
200.00	200.00	202.00	202.00	3.31	3.31	-89.61	1.09	-160.09	160.09	152.51	7.57	21.135 CC, ES	
300.00	299.98	305.78	305.76	3.35	3.35	162.86	1.86	-159.06	160.79	153.13	7.66	20.987	
400.00	399.84	410.24	410.10	3.41	3.43	164.52	4.91	-155.06	162.07	154.28	7.79	20.817	
500.00	499.45	514.39	513.87	3.50	3.53	167.33	10.25	-148.07	164.16	156.21	7.95	20.642	
600.00	598.70	618.05	616.77	3.62	3.65	171.16	17.83	-138.13	167.53	159.36	8.17	20.509	
700.00	697.47	721.05	718.50	3.77	3.81	175.85	27.59	-125.33	172.74	164.30	8.44	20.465	
800.00	796.01	823.36	818.91	3.96	4.01	-178.83	39.47	-109.75	178.37	169.60	8.77	20.336	
900.00	894.55	924.85	917.76	4.18	4.25	-172.95	53.40	-91.48	183.68	174.50	9.18	20.020	
1,000.00	993.09	1,024.69	1,014.17	4.42	4.54	-166.60	69.11	-70.89	189.47	179.81	9.66	19.611	
1,100.00	1,091.63	1,122.19	1,108.08	4.68	4.87	-160.54	85.03	-50.01	197.16	186.94	10.22	19.297	
1,200.00	1,190.17	1,219.70	1,201.99	4.96	5.21	-154.98	100.95	-29.13	206.95	196.13	10.82	19.125	
1,300.00	1,288.71	1,317.21	1,295.90	5.25	5.59	-149.95	116.87	-8.26	218.56	207.10	11.46	19.066	
1,400.00	1,387.25	1,414.72	1,389.80	5.55	5.97	-145.44	132.79	12.62	231.72	219.58	12.13	19.095	
1,500.00	1,485.79	1,512.23	1,483.71	5.87	6.38	-141.42	148.71	33.50	246.18	233.35	12.83	19.189	
1,600.00	1,584.34	1,609.74	1,577.62	6.19	6.79	-137.85	164.64	54.37	261.72	248.18	13.54	19.329	
1,700.00	1,682.88	1,707.25	1,671.53	6.52	7.21	-134.68	180.56	75.25	278.16	263.90	14.26	19.500	
1,800.00	1,781.42	1,804.75	1,765.43	6.85	7.64	-131.86	196.48	96.13	295.36	280.37	14.99	19.705	
1,900.00	1,879.96	1,902.26	1,859.34	7.04	7.87	-129.36	212.40	117.00	313.18	298.16	15.02	20.855	
2,000.00	1,978.50	2,000.23	1,953.25	7.08	7.94	-127.12	228.32	137.88	331.53	316.41	15.12	21.932	
2,100.00	2,077.04	2,097.28	2,047.16	7.13	8.02	-125.12	244.24	158.76	350.32	335.08	15.25	22.978	
2,200.00	2,175.58	2,205.21	2,141.06	7.20	8.14	-123.32	260.16	179.64	369.49	354.07	15.42	23.963	
2,300.00	2,274.12	2,307.70	2,234.97	7.29	8.27	-121.69	276.08	200.51	388.98	373.36	15.62	24.904	
2,400.00	2,372.66	2,389.81	2,328.88	7.39	8.39	-120.22	292.00	221.39	408.74	392.92	15.82	25.836	
2,500.00	2,471.20	2,487.32	2,422.79	7.51	8.55	-118.89	307.92	242.27	428.75	412.67	16.07	26.677	
2,600.00	2,569.74	2,584.82	2,516.69	7.64	8.72	-117.68	323.84	263.14	448.95	432.60	16.35	27.458	
2,700.00	2,668.28	2,682.33	2,610.60	7.78	8.90	-116.56	339.77	284.02	469.34	452.68	16.66	28.179	
2,800.00	2,766.83	2,779.84	2,704.51	7.94	9.10	-115.55	355.69	304.90	489.88	472.89	16.99	28.840	
2,900.00	2,865.37	2,877.35	2,798.42	8.11	9.32	-114.61	371.61	325.77	510.56	493.22	17.34	29.443	
3,000.00	2,963.91	2,974.86	2,892.32	8.28	9.54	-113.74	387.53	346.65	531.35	513.64	17.72	29.991	
3,100.00	3,062.45	3,072.37	2,986.23	8.47	9.78	-112.94	403.45	367.53	552.26	534.15	18.11	30.487	
3,200.00	3,160.99	3,169.88	3,080.14	8.67	10.03	-112.20	419.37	388.40	573.27	554.73	18.53	30.933	
3,300.00	3,259.53	3,267.38	3,174.04	8.88	10.28	-111.51	435.29	409.28	594.35	575.39	18.97	31.334	
3,400.00	3,358.07	3,364.89	3,267.95	9.09	10.55	-110.87	451.21	430.16	615.52	596.10	19.42	31.693	
3,500.00	3,456.61	3,462.40	3,361.86	9.31	10.82	-110.27	467.13	451.03	636.76	616.86	19.89	32.014	
3,600.00	3,555.15	3,559.91	3,455.77	9.54	11.11	-109.71	483.05	471.91	658.05	637.68	20.37	32.299	
3,700.00	3,653.69	3,657.42	3,549.67	9.78	11.39	-109.19	498.97	492.79	679.41	658.54	20.87	32.552	
3,800.00	3,752.23	3,754.93	3,643.58	10.02	11.69	-108.69	514.89	513.66	700.81	679.43	21.38	32.776	
3,900.00	3,850.77	3,852.44	3,737.49	10.27	11.99	-108.23	530.82	534.54	722.27	700.36	21.90	32.973	
4,000.00	3,949.31	3,949.94	3,831.40	10.52	12.30	-107.79	546.74	555.42	743.76	721.32	22.44	33.148	
4,100.00	4,047.86	4,047.45	3,925.30	10.78	12.61	-107.38	562.66	576.29	765.30	742.31	22.98	33.300	
4,200.00	4,146.40	4,144.96	4,019.21	11.05	12.93	-106.99	578.58	597.17	786.87	763.33	23.53	33.434	
4,300.00	4,244.94	4,242.47	4,113.12	11.31	13.25	-106.62	594.50	618.05	808.47	784.37	24.10	33.551	
4,400.00	4,343.48	4,339.98	4,207.03	11.59	13.58	-106.27	610.42	638.92	830.10	805.44	24.67	33.652	
4,500.00	4,442.02	4,437.49	4,300.93	11.86	13.91	-105.93	626.34	659.80	851.77	826.52	25.25	33.739	
4,600.00	4,540.56	4,535.00	4,394.84	12.14	14.24	-105.62	642.26	680.68	873.46	847.62	25.83	33.815	
4,700.00	4,639.10	4,632.50	4,488.75	12.42	14.58	-105.31	658.18	701.55	895.17	868.75	26.42	33.879	
4,800.00	4,737.64	4,730.01	4,582.66	12.71	14.92	-105.03	674.10	722.43	916.90	889.88	27.02	33.933	
4,900.00	4,836.18	4,827.52	4,676.56	13.00	15.27	-104.75	690.02	743.31	938.66	911.03	27.62	33.979	
5,000.00	4,934.72	4,925.03	4,770.47	13.29	15.61	-104.49	705.95	764.18	960.44	932.20	28.23	34.017	
5,100.00	5,033.26	5,022.54	4,864.38	13.58	15.96	-104.24	721.87	785.06	982.23	953.38	28.85	34.047	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,131.80	5,120.05	4,958.29	13.87	16.31	-104.00	737.79	805.94	1,004.04	974.57	29.47	34.072		
5,300.00	5,230.34	5,217.56	5,052.19	14.17	16.67	-103.78	753.71	826.81	1,025.87	995.78	30.09	34.091		
5,400.00	5,328.89	5,315.06	5,146.10	14.47	17.02	-103.56	769.63	847.69	1,047.71	1,016.99	30.72	34.105		
5,500.00	5,427.43	5,412.57	5,240.01	14.77	17.38	-103.35	785.55	868.57	1,069.57	1,038.21	31.35	34.114		
5,600.00	5,525.97	5,510.08	5,333.92	15.08	17.74	-103.14	801.47	889.44	1,091.43	1,059.45	31.99	34.120		
5,700.00	5,624.51	5,607.59	5,427.82	15.38	18.10	-102.95	817.39	910.32	1,113.32	1,080.69	32.63	34.122		
5,800.00	5,723.05	5,705.10	5,521.73	15.69	18.46	-102.76	833.31	931.20	1,135.21	1,101.94	33.27	34.121		
5,900.00	5,821.59	5,802.61	5,615.64	16.00	18.83	-102.58	849.23	952.07	1,157.11	1,123.20	33.92	34.117		
6,000.00	5,920.13	5,900.12	5,709.55	16.31	19.19	-102.41	865.15	972.95	1,179.03	1,144.46	34.56	34.111		
6,100.00	6,018.67	6,002.38	5,803.45	16.62	19.58	-102.25	881.08	993.83	1,200.95	1,165.72	35.23	34.085		
6,200.00	6,117.21	6,104.87	5,897.36	16.93	19.97	-102.08	897.00	1,014.71	1,222.89	1,186.98	35.91	34.058		
6,300.00	6,215.75	6,207.36	5,991.27	17.24	20.36	-101.93	912.92	1,035.58	1,244.83	1,208.25	36.58	34.029		
6,400.00	6,314.29	6,309.85	6,085.18	17.56	20.75	-101.78	928.84	1,056.46	1,266.78	1,229.52	37.26	34.000		
6,500.00	6,412.83	6,387.66	6,179.08	17.87	21.04	-101.64	944.76	1,077.34	1,288.74	1,250.89	37.85	34.051		
6,600.00	6,511.38	6,485.17	6,272.99	18.19	21.42	-101.50	960.68	1,098.21	1,310.71	1,272.19	38.51	34.034		
6,700.00	6,609.92	6,582.68	6,366.90	18.51	21.79	-101.36	976.60	1,119.09	1,332.68	1,293.50	39.18	34.017		
6,800.00	6,708.16	6,680.24	6,460.86	18.84	22.17	-95.16	992.53	1,139.98	1,354.46	1,314.61	39.86	33.984		
6,900.00	6,803.11	6,777.42	6,554.45	19.25	22.54	-88.81	1,008.40	1,160.78	1,374.46	1,333.83	40.63	33.825		
7,000.00	6,892.11	6,868.46	6,642.00	19.76	22.90	-86.06	1,023.24	1,180.83	1,392.35	1,350.84	41.51	33.542		
7,100.00	6,972.96	6,952.90	6,720.84	20.36	23.28	-84.55	1,036.66	1,207.73	1,408.77	1,366.26	42.51	33.138		
7,200.00	7,043.67	7,040.95	6,798.55	21.07	23.77	-83.72	1,049.94	1,246.79	1,423.66	1,379.92	43.74	32.548		
7,300.00	7,102.50	7,133.43	6,873.62	21.87	24.37	-83.40	1,062.84	1,299.09	1,436.76	1,391.55	45.21	31.782		
7,400.00	7,148.01	7,231.28	6,944.02	22.77	25.11	-83.49	1,075.02	1,365.81	1,447.79	1,400.87	46.92	30.855		
7,500.00	7,179.07	7,335.50	7,006.96	23.75	26.01	-83.96	1,086.02	1,448.00	1,456.49	1,407.60	48.89	29.789		
7,600.00	7,194.92	7,447.08	7,058.73	24.79	27.08	-84.77	1,095.22	1,546.26	1,462.57	1,411.47	51.10	28.621		
7,700.00	7,196.79	7,567.37	7,094.69	25.88	28.33	-85.92	1,101.83	1,660.66	1,465.92	1,412.40	53.52	27.390		
7,800.00	7,196.31	7,697.35	7,108.98	27.02	29.76	-86.51	1,104.87	1,789.59	1,467.41	1,411.28	56.13	26.144		
7,900.00	7,195.84	7,800.76	7,108.79	28.22	30.94	-86.52	1,105.33	1,891.48	1,467.74	1,409.19	58.55	25.068		
8,000.00	7,195.36	7,900.76	7,108.55	29.47	32.12	-86.53	1,105.77	1,991.48	1,468.07	1,407.05	61.03	24.057		
8,100.00	7,194.89	8,000.77	7,108.32	30.75	33.34	-86.54	1,106.22	2,091.47	1,468.40	1,404.82	63.58	23.095		
8,200.00	7,194.41	8,100.77	7,108.09	32.08	34.60	-86.55	1,106.67	2,191.47	1,468.73	1,402.52	66.21	22.184		
8,300.00	7,193.93	8,200.77	7,107.85	33.44	35.89	-86.56	1,107.11	2,291.47	1,469.06	1,400.16	68.90	21.323		
8,400.00	7,193.46	8,300.77	7,107.62	34.82	37.22	-86.57	1,107.56	2,391.47	1,469.39	1,397.75	71.64	20.511		
8,500.00	7,192.98	8,400.77	7,107.39	36.23	38.56	-86.58	1,108.01	2,491.47	1,469.71	1,395.28	74.43	19.746		
8,600.00	7,192.51	8,499.23	7,107.15	37.66	39.91	-86.59	1,108.45	2,591.46	1,470.04	1,392.79	77.25	19.030		
8,700.00	7,192.03	8,600.77	7,106.92	39.11	41.33	-86.60	1,108.90	2,691.46	1,470.37	1,390.23	80.15	18.346		
8,800.00	7,191.56	8,699.23	7,106.69	40.58	42.72	-86.61	1,109.35	2,791.46	1,470.70	1,387.67	83.04	17.712		
8,900.00	7,191.08	8,800.77	7,106.45	42.07	44.18	-86.62	1,109.79	2,891.46	1,471.03	1,385.03	86.00	17.105		
9,000.00	7,190.61	8,900.77	7,106.22	43.56	45.62	-86.63	1,110.24	2,991.45	1,471.36	1,382.39	88.97	16.537		
9,100.00	7,190.13	9,000.77	7,105.99	45.07	47.09	-86.64	1,110.68	3,091.45	1,471.69	1,379.72	91.97	16.002		
9,200.00	7,189.66	9,100.78	7,105.76	46.59	48.56	-86.65	1,111.13	3,191.45	1,472.02	1,377.03	94.99	15.497		
9,300.00	7,189.18	9,200.78	7,105.52	48.13	50.05	-86.66	1,111.58	3,291.45	1,472.34	1,374.31	98.03	15.019		
9,400.00	7,188.70	9,299.22	7,105.29	49.67	51.53	-86.67	1,112.02	3,391.45	1,472.67	1,371.61	101.07	14.571		
9,500.00	7,188.23	9,400.78	7,105.06	51.22	53.06	-86.68	1,112.47	3,491.44	1,473.00	1,368.83	104.17	14.140		
9,600.00	7,187.75	9,500.78	7,104.82	52.77	54.58	-86.69	1,112.92	3,591.44	1,473.33	1,366.07	107.26	13.736		
9,700.00	7,187.28	9,600.78	7,104.59	54.34	56.10	-86.70	1,113.36	3,691.44	1,473.66	1,363.29	110.37	13.352		
9,800.00	7,186.80	9,699.22	7,104.36	55.91	57.62	-86.71	1,113.81	3,791.44	1,473.99	1,360.52	113.47	12.990		
9,900.00	7,186.33	9,800.78	7,104.12	57.48	59.18	-86.72	1,114.26	3,891.44	1,474.32	1,357.69	116.63	12.641		
10,000.00	7,185.85	9,900.78	7,103.89	59.06	60.73	-86.74	1,114.70	3,991.43	1,474.65	1,354.88	119.77	12.312		
10,100.00	7,185.38	10,000.78	7,103.66	60.65	62.29	-86.75	1,115.15	4,091.43	1,474.98	1,352.05	122.93	11.999		
10,200.00	7,184.90	10,100.78	7,103.42	62.24	63.85	-86.76	1,115.59	4,191.43	1,475.31	1,349.21	126.10	11.700		
10,300.00	7,184.42	10,200.79	7,103.19	63.83	65.42	-86.77	1,116.04	4,291.43	1,475.64	1,346.37	129.27	11.415		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,183.95	10,300.79	7,102.96	65.43	66.99	-86.78	1,116.49	4,391.42	1,475.97	1,343.51	132.45	11.143	
10,500.00	7,183.47	10,400.79	7,102.73	67.04	68.57	-86.79	1,116.93	4,491.42	1,476.30	1,340.65	135.64	10.884	
10,600.00	7,183.00	10,500.79	7,102.49	68.64	70.15	-86.80	1,117.38	4,591.42	1,476.63	1,337.78	138.84	10.635	
10,700.00	7,182.52	10,600.79	7,102.26	70.25	71.73	-86.81	1,117.83	4,691.42	1,476.96	1,334.91	142.05	10.398	
10,800.00	7,182.05	10,700.79	7,102.03	71.86	73.32	-86.82	1,118.27	4,791.42	1,477.29	1,332.03	145.26	10.170	
10,900.00	7,181.57	10,800.79	7,101.79	73.48	74.91	-86.83	1,118.72	4,891.41	1,477.62	1,329.14	148.48	9.952	
11,000.00	7,181.10	10,899.21	7,101.56	75.09	76.48	-86.84	1,119.16	4,991.41	1,477.95	1,326.27	151.67	9.744	
11,100.00	7,180.62	11,000.79	7,101.33	76.71	78.11	-86.85	1,119.61	5,091.41	1,478.28	1,323.35	154.93	9.542	
11,200.00	7,180.15	11,100.79	7,101.09	78.33	79.71	-86.86	1,120.06	5,191.41	1,478.61	1,320.45	158.16	9.349	
11,300.00	7,179.67	11,200.79	7,100.86	79.96	81.32	-86.87	1,120.50	5,291.41	1,478.94	1,317.54	161.40	9.163	
11,400.00	7,179.19	11,300.80	7,100.63	81.58	82.92	-86.88	1,120.95	5,391.40	1,479.27	1,314.63	164.64	8.985	
11,500.00	7,178.72	11,400.80	7,100.39	83.21	84.53	-86.89	1,121.40	5,491.40	1,479.60	1,311.71	167.88	8.813	
11,600.00	7,178.24	11,500.80	7,100.16	84.84	86.15	-86.90	1,121.84	5,591.40	1,479.93	1,308.79	171.13	8.648	
11,700.00	7,177.77	11,600.80	7,099.93	86.47	87.76	-86.91	1,122.29	5,691.40	1,480.26	1,305.87	174.38	8.488	
11,800.00	7,177.29	11,700.80	7,099.70	88.11	89.38	-86.92	1,122.74	5,791.39	1,480.59	1,302.95	177.64	8.335	
11,900.00	7,176.82	11,800.80	7,099.46	89.74	91.00	-86.93	1,123.18	5,891.39	1,480.92	1,300.02	180.90	8.186	
12,000.00	7,176.34	11,900.80	7,099.23	91.38	92.62	-86.94	1,123.63	5,991.39	1,481.25	1,297.08	184.16	8.043	
12,100.00	7,175.87	12,000.80	7,099.00	93.01	94.24	-86.95	1,124.07	6,091.39	1,481.58	1,294.15	187.43	7.905	
12,200.00	7,175.39	12,099.20	7,098.76	94.65	95.84	-86.96	1,124.52	6,191.39	1,481.91	1,291.24	190.67	7.772	
12,300.00	7,174.91	12,200.80	7,098.53	96.29	97.49	-86.97	1,124.97	6,291.38	1,482.24	1,288.27	193.97	7.642	
12,400.00	7,174.44	12,300.80	7,098.30	97.93	99.12	-86.98	1,125.41	6,391.38	1,482.57	1,285.33	197.24	7.517	
12,500.00	7,173.96	12,400.80	7,098.06	99.57	100.75	-86.99	1,125.86	6,491.38	1,482.90	1,282.38	200.52	7.395	
12,600.00	7,173.49	12,500.81	7,097.83	101.21	102.38	-87.00	1,126.31	6,591.38	1,483.23	1,279.44	203.79	7.278	
12,700.00	7,173.01	12,600.81	7,097.60	102.86	104.01	-87.01	1,126.75	6,691.37	1,483.56	1,276.49	207.07	7.164	
12,800.00	7,172.54	12,700.81	7,097.37	104.50	105.64	-87.02	1,127.20	6,791.37	1,483.89	1,273.53	210.36	7.054	
12,900.00	7,172.06	12,800.81	7,097.13	106.15	107.28	-87.03	1,127.64	6,891.37	1,484.22	1,270.58	213.64	6.947	
13,000.00	7,171.59	12,900.81	7,096.90	107.79	108.91	-87.04	1,128.09	6,991.37	1,484.55	1,267.63	216.93	6.844	
13,100.00	7,171.11	13,000.81	7,096.67	109.44	110.55	-87.05	1,128.54	7,091.37	1,484.88	1,264.67	220.21	6.743	
13,200.00	7,170.64	13,100.81	7,096.43	111.09	112.19	-87.06	1,128.98	7,191.36	1,485.21	1,261.71	223.50	6.645	
13,300.00	7,170.16	13,200.81	7,096.20	112.74	113.82	-87.07	1,129.43	7,291.36	1,485.54	1,258.75	226.79	6.550	
13,400.00	7,169.68	13,299.19	7,095.97	114.39	115.44	-87.08	1,129.88	7,391.36	1,485.87	1,255.82	230.06	6.459	
13,500.00	7,169.21	13,400.81	7,095.73	116.04	117.10	-87.09	1,130.32	7,491.36	1,486.21	1,252.83	233.38	6.368	
13,600.00	7,168.73	13,500.81	7,095.50	117.69	118.74	-87.10	1,130.77	7,591.36	1,486.54	1,249.86	236.68	6.281	
13,700.00	7,168.26	13,600.82	7,095.27	119.34	120.39	-87.11	1,131.22	7,691.35	1,486.87	1,246.90	239.97	6.196	
13,800.00	7,167.78	13,700.82	7,095.03	120.99	122.03	-87.12	1,131.66	7,791.35	1,487.20	1,243.93	243.27	6.113	
13,900.00	7,167.31	13,800.82	7,094.80	122.64	123.67	-87.13	1,132.11	7,891.35	1,487.53	1,240.96	246.57	6.033	
14,000.00	7,166.83	13,900.82	7,094.57	124.29	125.32	-87.14	1,132.55	7,991.35	1,487.86	1,237.99	249.87	5.955	
14,100.00	7,166.36	14,000.82	7,094.34	125.95	126.96	-87.15	1,133.00	8,091.34	1,488.19	1,235.02	253.17	5.878	
14,200.00	7,165.88	14,100.82	7,094.10	127.60	128.61	-87.16	1,133.45	8,191.34	1,488.52	1,232.05	256.47	5.804	
14,300.00	7,165.40	14,200.82	7,093.87	129.26	130.26	-87.17	1,133.89	8,291.34	1,488.85	1,229.08	259.78	5.731	
14,400.00	7,164.93	14,300.82	7,093.64	130.91	131.90	-87.18	1,134.34	8,391.34	1,489.19	1,226.10	263.08	5.660	
14,500.00	7,164.45	14,400.82	7,093.40	132.57	133.55	-87.19	1,134.79	8,491.34	1,489.52	1,223.13	266.39	5.591	
14,600.00	7,163.98	14,500.82	7,093.17	134.22	135.20	-87.20	1,135.23	8,591.33	1,489.85	1,220.15	269.70	5.524	
14,700.00	7,163.50	14,600.82	7,092.94	135.88	136.85	-87.21	1,135.68	8,691.33	1,490.18	1,217.18	273.01	5.458	
14,800.00	7,163.03	14,700.83	7,092.70	137.54	138.50	-87.22	1,136.13	8,791.33	1,490.51	1,214.20	276.31	5.394	
14,900.00	7,162.55	14,800.83	7,092.47	139.19	140.15	-87.23	1,136.57	8,891.33	1,490.84	1,211.22	279.62	5.332	
15,000.00	7,162.08	14,900.83	7,092.24	140.85	141.80	-87.24	1,137.02	8,991.33	1,491.18	1,208.24	282.93	5.270	
15,100.00	7,161.60	15,000.83	7,092.00	142.51	143.45	-87.25	1,137.46	9,091.32	1,491.51	1,205.26	286.25	5.211	
15,200.00	7,161.13	15,100.83	7,091.77	144.17	145.10	-87.26	1,137.91	9,191.32	1,491.84	1,202.28	289.56	5.152	
15,300.00	7,160.65	15,200.83	7,091.54	145.82	146.75	-87.27	1,138.36	9,291.32	1,492.17	1,199.30	292.87	5.095	
15,400.00	7,160.17	15,300.83	7,091.31	147.48	148.40	-87.28	1,138.80	9,391.32	1,492.50	1,196.32	296.18	5.039	
15,500.00	7,159.70	15,400.83	7,091.07	149.14	150.06	-87.29	1,139.25	9,491.31	1,492.83	1,193.33	299.50	4.984	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,159.22	15,500.83	7,090.84	150.80	151.71	-87.30	1,139.70	9,591.31	1,493.17	1,190.35	302.81	4.931	
15,700.00	7,158.75	15,600.83	7,090.61	152.46	153.36	-87.31	1,140.14	9,691.31	1,493.50	1,187.37	306.13	4.879	
15,800.00	7,158.27	15,700.83	7,090.37	154.12	155.02	-87.32	1,140.59	9,791.31	1,493.83	1,184.38	309.45	4.827	
15,900.00	7,157.80	15,800.84	7,090.14	155.78	156.67	-87.33	1,141.03	9,891.31	1,494.16	1,181.40	312.76	4.777	
16,000.00	7,157.32	15,900.84	7,089.91	157.44	158.33	-87.34	1,141.48	9,991.30	1,494.49	1,178.41	316.08	4.728	
16,100.00	7,156.85	16,000.84	7,089.67	159.10	159.98	-87.35	1,141.93	10,091.30	1,494.83	1,175.43	319.40	4.680	
16,200.00	7,156.37	16,100.84	7,089.44	160.76	161.64	-87.36	1,142.37	10,191.30	1,495.16	1,172.44	322.72	4.633	
16,300.00	7,155.89	16,200.84	7,089.21	162.42	163.30	-87.37	1,142.82	10,291.30	1,495.49	1,169.45	326.04	4.587	
16,400.00	7,155.42	16,300.84	7,088.97	164.08	164.95	-87.38	1,143.27	10,391.30	1,495.82	1,166.47	329.36	4.542	
16,500.00	7,154.94	16,400.84	7,088.74	165.75	166.61	-87.39	1,143.71	10,491.29	1,496.15	1,163.48	332.68	4.497	
16,600.00	7,154.47	16,500.84	7,088.51	167.41	168.27	-87.40	1,144.16	10,591.29	1,496.49	1,160.49	336.00	4.454	
16,700.00	7,153.99	16,600.84	7,088.28	169.07	169.92	-87.41	1,144.61	10,691.29	1,496.82	1,157.50	339.32	4.411	
16,800.00	7,153.52	16,700.84	7,088.04	170.73	171.58	-87.42	1,145.05	10,791.29	1,497.15	1,154.51	342.64	4.369	
16,900.00	7,153.04	16,800.84	7,087.81	172.39	173.24	-87.43	1,145.50	10,891.28	1,497.48	1,151.52	345.96	4.328	
17,000.00	7,152.57	16,900.84	7,087.58	174.06	174.90	-87.44	1,145.94	10,991.28	1,497.82	1,148.53	349.29	4.288	
17,100.00	7,152.09	17,000.85	7,087.34	175.72	176.55	-87.45	1,146.39	11,091.28	1,498.15	1,145.54	352.61	4.249	
17,200.00	7,151.62	17,100.85	7,087.11	177.38	178.21	-87.46	1,146.84	11,191.28	1,498.48	1,142.55	355.93	4.210	
17,300.00	7,151.14	17,200.85	7,086.88	179.05	179.87	-87.47	1,147.28	11,291.28	1,498.81	1,139.56	359.26	4.172	
17,400.00	7,150.66	17,300.85	7,086.64	180.71	181.53	-87.48	1,147.73	11,391.27	1,499.15	1,136.57	362.58	4.135	
17,500.00	7,150.19	17,400.85	7,086.41	182.37	183.19	-87.48	1,148.18	11,491.27	1,499.48	1,133.57	365.91	4.098	
17,600.00	7,149.71	17,500.85	7,086.18	184.04	184.85	-87.49	1,148.62	11,591.27	1,499.81	1,130.58	369.23	4.062	
17,700.00	7,149.24	17,600.85	7,085.94	185.70	186.51	-87.50	1,149.07	11,691.27	1,500.15	1,127.59	372.56	4.027	
17,800.00	7,148.76	17,700.85	7,085.71	187.37	188.17	-87.51	1,149.52	11,791.27	1,500.48	1,124.60	375.88	3.992	
17,900.00	7,148.29	17,800.85	7,085.48	189.03	189.83	-87.52	1,149.96	11,891.26	1,500.81	1,121.60	379.21	3.958	
18,000.00	7,147.81	17,900.85	7,085.25	190.69	191.49	-87.53	1,150.41	11,991.26	1,501.14	1,118.61	382.54	3.924	
18,060.31	7,147.52	17,959.45	7,085.11	191.70	192.46	-87.54	1,150.68	12,051.57	1,501.35	1,116.83	384.51	3.905 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.55	1.09	-140.04	140.04				
100.00	100.00	102.00	102.00	3.28	3.28	-89.55	1.09	-140.04	140.04	132.52	7.53	18.600	
200.00	200.00	202.00	202.00	3.31	3.31	-89.55	1.09	-140.04	140.04	132.47	7.57	18.489	CC, ES
300.00	299.98	303.75	303.74	3.35	3.35	162.74	1.28	-139.76	141.45	133.79	7.66	18.462	
400.00	399.84	407.86	407.79	3.41	3.42	164.17	3.25	-136.90	143.76	135.97	7.79	18.464	
500.00	499.45	511.76	511.43	3.50	3.52	166.81	7.35	-130.93	146.70	138.75	7.95	18.449	
600.00	598.70	615.29	614.38	3.62	3.64	170.53	13.56	-121.91	150.69	142.53	8.16	18.462	
700.00	697.47	718.31	716.36	3.77	3.79	175.14	21.81	-109.89	156.24	147.81	8.43	18.543	
800.00	796.01	820.80	817.23	3.96	3.98	-179.58	32.08	-94.95	161.89	153.15	8.74	18.523	
900.00	894.55	922.63	916.74	4.18	4.21	-173.70	44.31	-77.17	166.87	157.74	9.12	18.291	
1,000.00	993.09	1,022.48	1,013.58	4.42	4.48	-167.36	58.07	-57.13	172.02	162.44	9.58	17.948	
1,100.00	1,091.63	1,120.49	1,108.49	4.68	4.78	-161.37	71.93	-36.98	178.95	168.83	10.11	17.695	
1,200.00	1,190.17	1,218.50	1,203.40	4.96	5.10	-155.87	85.78	-16.82	187.72	177.03	10.69	17.560	
1,300.00	1,288.71	1,316.51	1,298.31	5.25	5.45	-150.89	99.63	3.34	198.11	186.80	11.31	17.519	
1,400.00	1,387.25	1,414.52	1,393.22	5.55	5.81	-146.42	113.48	23.49	209.86	197.90	11.96	17.550	
1,500.00	1,485.79	1,512.53	1,488.13	5.87	6.19	-142.43	127.34	43.65	222.77	210.13	12.63	17.633	
1,600.00	1,584.34	1,610.54	1,583.03	6.19	6.58	-138.89	141.19	63.80	236.64	223.31	13.33	17.755	
1,700.00	1,682.88	1,708.55	1,677.94	6.52	6.98	-135.74	155.04	83.96	251.31	237.27	14.04	17.903	
1,800.00	1,781.42	1,806.56	1,772.85	6.85	7.37	-132.94	168.89	104.11	266.66	251.91	14.75	18.083	
1,900.00	1,879.96	1,904.56	1,867.76	7.04	7.59	-130.45	182.75	124.27	282.56	267.80	14.77	19.135	
2,000.00	1,978.50	2,002.57	1,962.67	7.08	7.65	-128.22	196.60	144.42	298.95	284.07	14.87	20.102	
2,100.00	2,077.04	2,100.58	2,057.58	7.13	7.73	-126.22	210.45	164.58	315.72	300.72	15.01	21.039	
2,200.00	2,175.58	2,201.41	2,152.49	7.20	7.83	-124.43	224.30	184.74	332.84	317.67	15.17	21.934	
2,300.00	2,274.12	2,303.40	2,247.40	7.29	7.95	-122.81	238.15	204.89	350.25	334.88	15.37	22.781	
2,400.00	2,372.66	2,405.39	2,342.30	7.39	8.09	-121.34	252.01	225.05	367.91	352.30	15.61	23.575	
2,500.00	2,471.20	2,507.38	2,437.21	7.51	8.25	-120.01	265.86	245.20	385.77	369.91	15.87	24.315	
2,600.00	2,569.74	2,590.63	2,532.12	7.64	8.39	-118.80	279.71	265.36	403.83	387.71	16.12	25.049	
2,700.00	2,668.28	2,688.64	2,627.03	7.78	8.56	-117.68	293.56	285.51	422.04	405.62	16.43	25.692	
2,800.00	2,766.83	2,786.65	2,721.94	7.94	8.76	-116.67	307.42	305.67	440.40	423.65	16.76	26.282	
2,900.00	2,865.37	2,884.66	2,816.85	8.11	8.96	-115.73	321.27	325.82	458.89	441.78	17.11	26.820	
3,000.00	2,963.91	2,982.66	2,911.76	8.28	9.17	-114.86	335.12	345.98	477.48	459.99	17.48	27.308	
3,100.00	3,062.45	3,080.67	3,006.67	8.47	9.40	-114.06	348.97	366.13	496.17	478.29	17.88	27.750	
3,200.00	3,160.99	3,178.68	3,101.57	8.67	9.64	-113.32	362.83	386.29	514.95	496.65	18.30	28.147	
3,300.00	3,259.53	3,276.69	3,196.48	8.88	9.88	-112.63	376.68	406.45	533.80	515.07	18.73	28.503	
3,400.00	3,358.07	3,374.70	3,291.39	9.09	10.14	-111.98	390.53	426.60	552.73	533.55	19.18	28.822	
3,500.00	3,456.61	3,472.71	3,386.30	9.31	10.40	-111.38	404.38	446.76	571.72	552.07	19.64	29.106	
3,600.00	3,555.15	3,570.72	3,481.21	9.54	10.67	-110.82	418.23	466.91	590.76	570.64	20.12	29.358	
3,700.00	3,653.69	3,668.73	3,576.12	9.78	10.95	-110.29	432.09	487.07	609.86	589.24	20.62	29.582	
3,800.00	3,752.23	3,766.74	3,671.03	10.02	11.23	-109.80	445.94	507.22	629.00	607.88	21.12	29.780	
3,900.00	3,850.77	3,864.75	3,765.93	10.27	11.52	-109.33	459.79	527.38	648.19	626.55	21.64	29.955	
4,000.00	3,949.31	3,962.76	3,860.84	10.52	11.82	-108.89	473.64	547.53	667.42	645.25	22.17	30.108	
4,100.00	4,047.86	4,060.77	3,955.75	10.78	12.12	-108.48	487.50	567.69	686.68	663.97	22.71	30.243	
4,200.00	4,146.40	4,158.77	4,050.66	11.05	12.42	-108.08	501.35	587.85	705.97	682.72	23.25	30.360	
4,300.00	4,244.94	4,256.78	4,145.57	11.31	12.73	-107.71	515.20	608.00	725.30	701.49	23.81	30.462	
4,400.00	4,343.48	4,354.79	4,240.48	11.59	13.05	-107.36	529.05	628.16	744.65	720.27	24.37	30.550	
4,500.00	4,442.02	4,452.80	4,335.39	11.86	13.37	-107.03	542.91	648.31	764.03	739.08	24.95	30.626	
4,600.00	4,540.56	4,550.81	4,430.30	12.14	13.69	-106.71	556.76	668.47	783.43	757.90	25.53	30.692	
4,700.00	4,639.10	4,648.82	4,525.20	12.42	14.01	-106.41	570.61	688.62	802.85	776.74	26.11	30.747	
4,800.00	4,737.64	4,746.83	4,620.11	12.71	14.34	-106.12	584.46	708.78	822.30	795.60	26.70	30.794	
4,900.00	4,836.18	4,844.84	4,715.02	13.00	14.67	-105.84	598.32	728.93	841.76	814.46	27.30	30.833	
5,000.00	4,934.72	4,942.85	4,809.93	13.29	15.00	-105.58	612.17	749.09	861.24	833.34	27.90	30.864	
5,100.00	5,033.26	5,040.86	4,904.84	13.58	15.34	-105.33	626.02	769.24	880.74	852.23	28.51	30.890	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,131.80	5,138.87	4,999.75	13.87	15.68	-105.09	639.87	789.40	900.26	871.13	29.12	30.910		
5,300.00	5,230.34	5,236.88	5,094.66	14.17	16.02	-104.86	653.72	809.56	919.79	890.04	29.74	30.925		
5,400.00	5,328.89	5,334.88	5,189.57	14.47	16.36	-104.64	667.58	829.71	939.33	908.97	30.36	30.936		
5,500.00	5,427.43	5,432.89	5,284.47	14.77	16.71	-104.43	681.43	849.87	958.88	927.90	30.99	30.943		
5,600.00	5,525.97	5,530.90	5,379.38	15.08	17.05	-104.23	695.28	870.02	978.45	946.83	31.62	30.947		
5,700.00	5,624.51	5,628.91	5,474.29	15.38	17.40	-104.03	709.13	890.18	998.03	965.78	32.25	30.947		
5,800.00	5,723.05	5,726.92	5,569.20	15.69	17.75	-103.84	722.99	910.33	1,017.62	984.73	32.89	30.945		
5,900.00	5,821.59	5,824.93	5,664.11	16.00	18.10	-103.66	736.84	930.49	1,037.22	1,003.69	33.52	30.940		
6,000.00	5,920.13	5,922.94	5,759.02	16.31	18.45	-103.49	750.69	950.64	1,056.83	1,022.66	34.17	30.933		
6,100.00	6,018.67	6,020.95	5,853.93	16.62	18.81	-103.32	764.54	970.80	1,076.44	1,041.64	34.81	30.924		
6,200.00	6,117.21	6,118.96	5,948.84	16.93	19.16	-103.16	778.40	990.96	1,096.07	1,060.61	35.46	30.913		
6,300.00	6,215.75	6,216.97	6,043.74	17.24	19.52	-103.00	792.25	1,011.11	1,115.71	1,079.60	36.11	30.901		
6,400.00	6,314.29	6,314.98	6,138.65	17.56	19.88	-102.85	806.10	1,031.27	1,135.35	1,098.59	36.76	30.888		
6,500.00	6,412.83	6,412.99	6,233.56	17.87	20.24	-102.71	819.95	1,051.42	1,155.00	1,117.59	37.41	30.873		
6,600.00	6,511.38	6,510.99	6,328.47	18.19	20.60	-102.57	833.80	1,071.58	1,174.65	1,136.59	38.07	30.857		
6,700.00	6,609.92	6,609.00	6,423.38	18.51	20.96	-102.43	847.66	1,091.73	1,194.32	1,155.59	38.73	30.841		
6,800.00	6,708.16	6,707.05	6,518.33	18.84	21.32	-96.33	861.51	1,111.90	1,213.82	1,174.42	39.40	30.811		
6,900.00	6,803.11	6,804.58	6,612.77	19.25	21.68	-90.23	875.30	1,131.95	1,231.81	1,191.64	40.16	30.670		
7,000.00	6,892.11	6,899.19	6,704.33	19.76	22.03	-87.82	888.65	1,151.68	1,248.06	1,207.03	41.03	30.415		
7,100.00	6,972.96	6,994.24	6,793.82	20.36	22.45	-86.75	901.40	1,180.76	1,262.89	1,220.81	42.08	30.011		
7,200.00	7,043.67	7,094.67	6,882.69	21.07	22.99	-86.35	913.54	1,225.72	1,276.09	1,232.71	43.37	29.420		
7,300.00	7,102.50	7,201.42	6,968.30	21.87	23.69	-86.42	924.62	1,288.30	1,287.29	1,242.35	44.94	28.646		
7,400.00	7,148.01	7,315.36	7,046.98	22.77	24.58	-86.85	934.04	1,369.96	1,296.12	1,249.33	46.79	27.700		
7,500.00	7,179.07	7,437.12	7,113.80	23.75	25.66	-87.58	941.02	1,471.29	1,302.17	1,253.24	48.93	26.615		
7,600.00	7,194.92	7,566.82	7,162.70	24.79	26.96	-88.54	944.67	1,591.12	1,305.02	1,253.71	51.31	25.432		
7,700.00	7,196.79	7,704.02	7,187.25	25.88	28.44	-89.50	944.14	1,725.83	1,304.38	1,250.50	53.88	24.207		
7,800.00	7,196.31	7,818.55	7,188.77	27.02	29.73	-89.59	940.73	1,840.27	1,301.24	1,244.91	56.34	23.098		
7,900.00	7,195.84	7,918.49	7,188.41	28.22	30.89	-89.59	937.50	1,940.16	1,297.91	1,239.16	58.75	22.093		
8,000.00	7,195.36	8,018.44	7,188.05	29.47	32.11	-89.60	934.27	2,040.05	1,294.57	1,233.32	61.24	21.138		
8,100.00	7,194.89	8,118.38	7,187.69	30.75	33.36	-89.60	931.03	2,139.94	1,291.23	1,227.41	63.82	20.232		
8,200.00	7,194.41	8,218.33	7,187.33	32.08	34.64	-89.60	927.80	2,239.83	1,287.89	1,221.43	66.47	19.376		
8,300.00	7,193.93	8,318.27	7,186.97	33.44	35.96	-89.61	924.57	2,339.73	1,284.56	1,215.38	69.18	18.570		
8,400.00	7,193.46	8,418.22	7,186.61	34.82	37.30	-89.61	921.34	2,439.62	1,281.22	1,209.28	71.94	17.810		
8,500.00	7,192.98	8,518.16	7,186.26	36.23	38.67	-89.62	918.11	2,539.51	1,277.88	1,203.14	74.75	17.096		
8,600.00	7,192.51	8,618.10	7,185.90	37.66	40.06	-89.62	914.88	2,639.40	1,274.55	1,196.95	77.60	16.425		
8,700.00	7,192.03	8,718.05	7,185.54	39.11	41.48	-89.63	911.64	2,739.29	1,271.21	1,190.72	80.49	15.793		
8,800.00	7,191.56	8,817.99	7,185.18	40.58	42.91	-89.63	908.41	2,839.18	1,267.87	1,184.46	83.42	15.199		
8,900.00	7,191.08	8,917.94	7,184.82	42.07	44.36	-89.63	905.18	2,939.07	1,264.54	1,178.16	86.37	14.640		
9,000.00	7,190.61	9,017.88	7,184.46	43.56	45.82	-89.64	901.95	3,038.97	1,261.20	1,171.84	89.36	14.114		
9,100.00	7,190.13	9,117.83	7,184.10	45.07	47.30	-89.64	898.72	3,138.86	1,257.86	1,165.50	92.37	13.618		
9,200.00	7,189.66	9,217.77	7,183.74	46.59	48.79	-89.65	895.48	3,238.75	1,254.53	1,159.13	95.40	13.151		
9,300.00	7,189.18	9,317.71	7,183.39	48.13	50.29	-89.65	892.25	3,338.64	1,251.19	1,152.74	98.45	12.709		
9,400.00	7,188.70	9,417.66	7,183.03	49.67	51.81	-89.66	889.02	3,438.53	1,247.85	1,146.33	101.52	12.292		
9,500.00	7,188.23	9,517.60	7,182.67	51.22	53.33	-89.66	885.79	3,538.42	1,244.51	1,139.91	104.61	11.897		
9,600.00	7,187.75	9,584.66	7,182.31	52.77	54.85	-89.66	884.62	3,605.47	1,242.62	1,135.31	107.30	11.580		
9,628.34	7,187.62	9,604.43	7,182.36	53.21	54.65	-89.67	884.58	3,625.23	1,242.52	1,134.45	108.07	11.497		
9,700.00	7,187.28	9,669.44	7,182.12	54.34	55.65	-89.67	884.95	3,690.25	1,242.84	1,132.64	110.21	11.278		
9,800.00	7,186.80	9,769.44	7,181.76	55.91	57.20	-89.67	885.59	3,790.24	1,243.38	1,130.05	113.33	10.971		
9,900.00	7,186.33	9,869.44	7,181.41	57.48	58.75	-89.68	886.23	3,890.24	1,243.91	1,127.44	116.47	10.680		
10,000.00	7,185.85	9,969.43	7,181.05	59.06	60.32	-89.69	886.86	3,990.23	1,244.45	1,124.83	119.62	10.403		
10,100.00	7,185.38	10,069.43	7,180.69	60.65	61.88	-89.69	887.50	4,090.23	1,244.98	1,122.20	122.79	10.139		
10,200.00	7,184.90	10,169.43	7,180.33	62.24	63.46	-89.70	888.14	4,190.22	1,245.52	1,119.56	125.96	9.888		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,184.42	10,269.43	7,179.97	63.83	65.03	-89.70	888.78	4,290.22	1,246.05	1,116.92	129.14	9.649	
10,400.00	7,183.95	10,369.43	7,179.61	65.43	66.62	-89.71	889.42	4,390.22	1,246.59	1,114.26	132.32	9.421	
10,500.00	7,183.47	10,469.43	7,179.25	67.04	68.20	-89.71	890.06	4,490.21	1,247.12	1,111.60	135.52	9.202	
10,600.00	7,183.00	10,569.43	7,178.89	68.64	69.79	-89.72	890.69	4,590.21	1,247.66	1,108.94	138.72	8.994	
10,700.00	7,182.52	10,669.42	7,178.53	70.25	71.39	-89.72	891.33	4,690.20	1,248.19	1,106.26	141.93	8.794	
10,800.00	7,182.05	10,769.42	7,178.17	71.86	72.98	-89.73	891.97	4,790.20	1,248.73	1,103.58	145.15	8.603	
10,900.00	7,181.57	10,869.42	7,177.81	73.48	74.59	-89.73	892.61	4,890.19	1,249.26	1,100.90	148.37	8.420	
11,000.00	7,181.10	10,969.42	7,177.45	75.09	76.19	-89.74	893.25	4,990.19	1,249.80	1,098.20	151.60	8.244	
11,100.00	7,180.62	11,069.42	7,177.10	76.71	77.80	-89.75	893.89	5,090.19	1,250.34	1,095.51	154.83	8.076	
11,200.00	7,180.15	11,169.42	7,176.74	78.33	79.41	-89.75	894.52	5,190.18	1,250.87	1,092.81	158.06	7.914	
11,300.00	7,179.67	11,269.42	7,176.38	79.96	81.02	-89.76	895.16	5,290.18	1,251.41	1,090.10	161.30	7.758	
11,400.00	7,179.19	11,369.41	7,176.02	81.58	82.63	-89.76	895.80	5,390.17	1,251.94	1,087.39	164.55	7.608	
11,500.00	7,178.72	11,469.41	7,175.66	83.21	84.25	-89.77	896.44	5,490.17	1,252.48	1,084.68	167.80	7.464	
11,600.00	7,178.24	11,569.41	7,175.30	84.84	85.87	-89.77	897.08	5,590.17	1,253.01	1,081.96	171.05	7.325	
11,700.00	7,177.77	11,669.41	7,174.94	86.47	87.49	-89.78	897.72	5,690.16	1,253.55	1,079.24	174.31	7.192	
11,800.00	7,177.29	11,769.41	7,174.58	88.11	89.11	-89.78	898.35	5,790.16	1,254.08	1,076.52	177.57	7.063	
11,900.00	7,176.82	11,869.41	7,174.22	89.74	90.73	-89.79	898.99	5,890.15	1,254.62	1,073.79	180.83	6.938	
12,000.00	7,176.34	11,969.40	7,173.86	91.38	92.36	-89.79	899.63	5,990.15	1,255.15	1,071.06	184.09	6.818	
12,100.00	7,175.87	12,069.40	7,173.50	93.01	93.99	-89.80	900.27	6,090.14	1,255.69	1,068.33	187.36	6.702	
12,200.00	7,175.39	12,169.40	7,173.14	94.65	95.62	-89.80	900.91	6,190.14	1,256.22	1,065.59	190.63	6.590	
12,300.00	7,174.91	12,269.40	7,172.79	96.29	97.25	-89.81	901.54	6,290.14	1,256.76	1,062.85	193.91	6.481	
12,400.00	7,174.44	12,369.40	7,172.43	97.93	98.88	-89.82	902.18	6,390.13	1,257.29	1,060.11	197.18	6.376	
12,500.00	7,173.96	12,469.40	7,172.07	99.57	100.51	-89.82	902.82	6,490.13	1,257.83	1,057.37	200.46	6.275	
12,600.00	7,173.49	12,569.40	7,171.71	101.21	102.15	-89.83	903.46	6,590.12	1,258.36	1,054.62	203.74	6.176	
12,700.00	7,173.01	12,669.39	7,171.35	102.86	103.78	-89.83	904.10	6,690.12	1,258.90	1,051.88	207.02	6.081	
12,800.00	7,172.54	12,769.39	7,170.99	104.50	105.42	-89.84	904.74	6,790.12	1,259.43	1,049.13	210.31	5.989	
12,900.00	7,172.06	12,869.39	7,170.63	106.15	107.06	-89.84	905.37	6,890.11	1,259.97	1,046.38	213.59	5.899	
13,000.00	7,171.59	12,969.39	7,170.27	107.79	108.70	-89.85	906.01	6,990.11	1,260.51	1,043.63	216.88	5.812	
13,100.00	7,171.11	13,069.39	7,169.91	109.44	110.34	-89.85	906.65	7,090.10	1,261.04	1,040.87	220.17	5.728	
13,200.00	7,170.64	13,169.39	7,169.55	111.09	111.98	-89.86	907.29	7,190.10	1,261.58	1,038.12	223.46	5.646	
13,300.00	7,170.16	13,269.39	7,169.19	112.74	113.62	-89.86	907.93	7,290.09	1,262.11	1,035.36	226.75	5.566	
13,400.00	7,169.68	13,369.38	7,168.83	114.39	115.26	-89.87	908.57	7,390.09	1,262.65	1,032.60	230.05	5.489	
13,500.00	7,169.21	13,469.38	7,168.48	116.04	116.91	-89.87	909.20	7,490.09	1,263.18	1,029.84	233.34	5.413	
13,600.00	7,168.73	13,569.38	7,168.12	117.69	118.55	-89.88	909.84	7,590.08	1,263.72	1,027.08	236.64	5.340	
13,700.00	7,168.26	13,669.38	7,167.76	119.34	120.20	-89.89	910.48	7,690.08	1,264.25	1,024.32	239.94	5.269	
13,800.00	7,167.78	13,769.38	7,167.40	120.99	121.84	-89.89	911.12	7,790.07	1,264.79	1,021.55	243.24	5.200	
13,900.00	7,167.31	13,869.38	7,167.04	122.64	123.49	-89.90	911.76	7,890.07	1,265.32	1,018.79	246.54	5.132	
14,000.00	7,166.83	13,969.37	7,166.68	124.29	125.14	-89.90	912.40	7,990.07	1,265.86	1,016.02	249.84	5.067	
14,100.00	7,166.36	14,069.37	7,166.32	125.95	126.78	-89.91	913.03	8,090.06	1,266.39	1,013.25	253.14	5.003	
14,200.00	7,165.88	14,169.37	7,165.96	127.60	128.43	-89.91	913.67	8,190.06	1,266.93	1,010.48	256.45	4.940	
14,300.00	7,165.40	14,269.37	7,165.60	129.26	130.08	-89.92	914.31	8,290.05	1,267.47	1,007.71	259.75	4.880	
14,400.00	7,164.93	14,369.37	7,165.24	130.91	131.73	-89.92	914.95	8,390.05	1,268.00	1,004.94	263.06	4.820	
14,500.00	7,164.45	14,469.37	7,164.88	132.57	133.38	-89.93	915.59	8,490.04	1,268.54	1,002.17	266.37	4.762	
14,600.00	7,163.98	14,569.37	7,164.52	134.22	135.03	-89.93	916.23	8,590.04	1,269.07	999.40	269.67	4.706	
14,700.00	7,163.50	14,669.36	7,164.17	135.88	136.68	-89.94	916.86	8,690.04	1,269.61	996.63	272.98	4.651	
14,800.00	7,163.03	14,769.36	7,163.81	137.54	138.33	-89.94	917.50	8,790.03	1,270.14	993.85	276.29	4.597	
14,900.00	7,162.55	14,869.36	7,163.45	139.19	139.99	-89.95	918.14	8,890.03	1,270.68	991.08	279.60	4.545	
15,000.00	7,162.08	14,969.36	7,163.09	140.85	141.64	-89.95	918.78	8,990.02	1,271.21	988.30	282.91	4.493	
15,100.00	7,161.60	15,069.36	7,162.73	142.51	143.29	-89.96	919.42	9,090.02	1,271.75	985.52	286.23	4.443	
15,200.00	7,161.13	15,169.36	7,162.37	144.17	144.95	-89.96	920.05	9,190.02	1,272.29	982.75	289.54	4.394	
15,300.00	7,160.65	15,269.36	7,162.01	145.82	146.60	-89.97	920.69	9,290.01	1,272.82	979.97	292.85	4.346	
15,400.00	7,160.17	15,369.35	7,161.65	147.48	148.26	-89.97	921.33	9,390.01	1,273.36	977.19	296.17	4.299	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,469.35	7,161.29	149.14	149.91	-89.98	921.97	9,490.00	1,273.89	974.41	299.48	4.254	
15,600.00	7,159.22	15,569.35	7,160.93	150.80	151.57	-89.99	922.61	9,590.00	1,274.43	971.63	302.80	4.209	
15,700.00	7,158.75	15,669.35	7,160.57	152.46	153.22	-89.99	923.25	9,689.99	1,274.96	968.85	306.11	4.165	
15,800.00	7,158.27	15,769.35	7,160.21	154.12	154.88	-90.00	923.88	9,789.99	1,275.50	966.07	309.43	4.122	
15,900.00	7,157.80	15,869.35	7,159.86	155.78	156.53	-90.00	924.52	9,889.99	1,276.04	963.29	312.75	4.080	
16,000.00	7,157.32	15,969.34	7,159.50	157.44	158.19	-90.01	925.16	9,989.98	1,276.57	960.51	316.06	4.039	
16,100.00	7,156.85	16,069.34	7,159.14	159.10	159.85	-90.01	925.80	10,089.98	1,277.11	957.72	319.38	3.999	
16,200.00	7,156.37	16,169.34	7,158.78	160.76	161.50	-90.02	926.44	10,189.97	1,277.64	954.94	322.70	3.959	
16,300.00	7,155.89	16,269.34	7,158.42	162.42	163.16	-90.02	927.08	10,289.97	1,278.18	952.16	326.02	3.921	
16,400.00	7,155.42	16,369.34	7,158.06	164.08	164.82	-90.03	927.71	10,389.96	1,278.71	949.37	329.34	3.883	
16,500.00	7,154.94	16,469.34	7,157.70	165.75	166.48	-90.03	928.35	10,489.96	1,279.25	946.59	332.66	3.845	
16,600.00	7,154.47	16,569.34	7,157.34	167.41	168.14	-90.04	928.99	10,589.96	1,279.79	943.80	335.98	3.809	
16,700.00	7,153.99	16,669.33	7,156.98	169.07	169.79	-90.04	929.63	10,689.95	1,280.32	941.02	339.30	3.773	
16,800.00	7,153.52	16,769.33	7,156.62	170.73	171.45	-90.05	930.27	10,789.95	1,280.86	938.23	342.63	3.738	
16,900.00	7,153.04	16,869.33	7,156.26	172.39	173.11	-90.05	930.91	10,889.94	1,281.39	935.44	345.95	3.704	
17,000.00	7,152.57	16,969.33	7,155.90	174.06	174.77	-90.06	931.54	10,989.94	1,281.93	932.66	349.27	3.670	
17,100.00	7,152.09	17,069.33	7,155.55	175.72	176.43	-90.06	932.18	11,089.94	1,282.46	929.87	352.59	3.637	
17,200.00	7,151.62	17,169.33	7,155.19	177.38	178.09	-90.07	932.82	11,189.93	1,283.00	927.08	355.92	3.605	
17,300.00	7,151.14	17,269.33	7,154.83	179.05	179.75	-90.07	933.46	11,289.93	1,283.54	924.29	359.24	3.573	
17,400.00	7,150.66	17,369.32	7,154.47	180.71	181.41	-90.08	934.10	11,389.92	1,284.07	921.51	362.57	3.542	
17,500.00	7,150.19	17,469.32	7,154.11	182.37	183.07	-90.08	934.74	11,489.92	1,284.61	918.72	365.89	3.511	
17,600.00	7,149.71	17,569.32	7,153.75	184.04	184.73	-90.09	935.37	11,589.91	1,285.14	915.93	369.22	3.481	
17,700.00	7,149.24	17,669.32	7,153.39	185.70	186.39	-90.09	936.01	11,689.91	1,285.68	913.14	372.54	3.451	
17,800.00	7,148.76	17,769.32	7,153.03	187.37	188.05	-90.10	936.65	11,789.91	1,286.22	910.35	375.87	3.422	
17,900.00	7,148.29	17,869.32	7,152.67	189.03	189.72	-90.10	937.29	11,889.90	1,286.75	907.56	379.19	3.393	
18,000.00	7,147.81	17,969.31	7,152.31	190.69	191.38	-90.11	937.93	11,989.90	1,287.29	904.77	382.52	3.365	
18,060.31	7,147.52	18,029.62	7,152.10	191.70	192.38	-90.11	938.31	12,050.20	1,287.61	903.09	384.52	3.349 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.19	-3.62	1,099.72	1,099.72				
100.00	100.00	100.00	100.00	3.28	3.28	90.19	-3.62	1,099.72	1,099.72	1,092.19	7.53	146.068	
200.00	200.00	200.00	200.00	3.31	3.31	90.19	-3.62	1,099.72	1,099.72	1,092.15	7.57	145.199	
300.00	299.98	287.48	287.48	3.35	3.34	-17.85	-3.50	1,099.93	1,098.35	1,090.69	7.65	143.523	
400.00	399.84	362.42	362.39	3.41	3.39	-17.98	-2.54	1,101.64	1,095.64	1,087.89	7.76	141.278	
500.00	499.45	437.28	437.14	3.50	3.45	-18.21	-0.61	1,105.05	1,091.91	1,084.02	7.89	138.409	
600.00	598.70	512.00	511.63	3.62	3.52	-18.54	2.26	1,110.15	1,087.18	1,079.12	8.06	134.967	
700.00	697.47	586.53	585.76	3.77	3.60	-18.97	6.07	1,116.92	1,081.50	1,073.25	8.26	130.978	
800.00	796.01	660.96	659.55	3.96	3.70	-19.43	10.83	1,125.35	1,076.88	1,068.39	8.49	126.888	
900.00	894.55	735.28	732.96	4.18	3.82	-19.94	16.51	1,135.44	1,074.68	1,065.93	8.75	122.847	
939.60	933.58	764.66	761.89	4.27	3.87	-20.16	19.02	1,139.88	1,074.48	1,065.62	8.86	121.268	
1,000.00	993.09	822.50	803.99	4.42	3.99	-20.49	22.92	1,146.82	1,074.93	1,065.87	9.06	118.669	
1,100.00	1,091.63	906.39	900.96	4.68	4.17	-21.27	32.44	1,163.70	1,076.70	1,067.28	9.42	114.287	
1,200.00	1,190.17	1,005.28	997.93	4.96	4.41	-22.04	41.95	1,180.58	1,078.68	1,068.84	9.84	109.590	
1,300.00	1,288.71	1,104.17	1,094.90	5.25	4.67	-22.81	51.46	1,197.46	1,080.86	1,070.57	10.29	105.007	
1,400.00	1,387.25	1,203.05	1,191.88	5.55	4.96	-23.58	60.98	1,214.34	1,083.24	1,072.47	10.77	100.594	
1,500.00	1,485.79	1,301.94	1,288.85	5.87	5.25	-24.35	70.49	1,231.22	1,085.82	1,074.55	11.27	96.386	
1,600.00	1,584.34	1,400.83	1,385.82	6.19	5.57	-25.11	80.00	1,248.10	1,088.59	1,076.81	11.78	92.409	
1,700.00	1,682.88	1,500.28	1,482.79	6.52	5.89	-25.87	89.51	1,264.99	1,091.56	1,079.25	12.31	88.650	
1,800.00	1,781.42	1,601.39	1,579.76	6.85	6.23	-26.62	99.03	1,281.87	1,094.72	1,081.86	12.86	85.095	
1,900.00	1,879.96	1,697.49	1,676.73	7.04	6.56	-27.37	108.54	1,298.75	1,098.08	1,085.01	13.07	84.038	
2,000.00	1,978.50	1,803.62	1,773.70	7.08	6.93	-28.12	118.05	1,315.63	1,101.63	1,088.25	13.38	82.334	
2,100.00	2,077.04	1,904.73	1,870.67	7.13	7.12	-28.86	127.57	1,332.51	1,105.36	1,091.97	13.39	82.552	
2,200.00	2,175.58	2,005.84	1,967.64	7.20	7.16	-29.59	137.08	1,349.39	1,109.28	1,095.81	13.47	82.351	
2,300.00	2,274.12	2,106.95	2,064.61	7.29	7.23	-30.32	146.59	1,366.27	1,113.39	1,099.81	13.58	81.969	
2,400.00	2,372.66	2,191.93	2,161.59	7.39	7.29	-31.05	156.10	1,383.15	1,117.68	1,103.96	13.72	81.471	
2,500.00	2,471.20	2,309.18	2,258.56	7.51	7.40	-31.77	165.62	1,400.03	1,122.15	1,108.25	13.90	80.705	
2,600.00	2,569.74	2,389.71	2,355.53	7.64	7.49	-32.48	175.13	1,416.91	1,126.80	1,112.71	14.09	79.958	
2,700.00	2,668.28	2,488.60	2,452.50	7.78	7.62	-33.19	184.64	1,433.79	1,131.63	1,117.30	14.32	79.011	
2,800.00	2,766.83	2,587.49	2,549.47	7.94	7.75	-33.89	194.16	1,450.67	1,136.63	1,122.05	14.58	77.961	
2,900.00	2,865.37	2,686.37	2,646.44	8.11	7.90	-34.58	203.67	1,467.56	1,141.80	1,126.93	14.86	76.826	
3,000.00	2,963.91	2,785.26	2,743.41	8.28	8.06	-35.27	213.18	1,484.44	1,147.14	1,131.97	15.17	75.623	
3,100.00	3,062.45	2,884.15	2,840.38	8.47	8.23	-35.96	222.69	1,501.32	1,152.65	1,137.15	15.50	74.367	
3,200.00	3,160.99	2,983.04	2,937.35	8.67	8.42	-36.63	232.21	1,518.20	1,158.32	1,142.47	15.85	73.075	
3,300.00	3,259.53	3,081.93	3,034.32	8.88	8.61	-37.30	241.72	1,535.08	1,164.15	1,147.93	16.22	71.758	
3,400.00	3,358.07	3,180.81	3,131.30	9.09	8.81	-37.96	251.23	1,551.96	1,170.15	1,153.53	16.61	70.430	
3,500.00	3,456.61	3,279.70	3,228.27	9.31	9.02	-38.62	260.75	1,568.84	1,176.30	1,159.28	17.02	69.100	
3,600.00	3,555.15	3,378.59	3,325.24	9.54	9.24	-39.27	270.26	1,585.72	1,182.61	1,165.16	17.45	67.777	
3,700.00	3,653.69	3,477.48	3,422.21	9.78	9.47	-39.91	279.77	1,602.60	1,189.07	1,171.18	17.89	66.468	
3,800.00	3,752.23	3,576.36	3,519.18	10.02	9.71	-40.55	289.28	1,619.48	1,195.68	1,177.33	18.34	65.179	
3,900.00	3,850.77	3,675.25	3,616.15	10.27	9.95	-41.18	298.80	1,636.36	1,202.44	1,183.62	18.81	63.915	
4,000.00	3,949.31	3,774.14	3,713.12	10.52	10.19	-41.80	308.31	1,653.24	1,209.34	1,190.05	19.29	62.679	
4,100.00	4,047.86	3,873.03	3,810.09	10.78	10.45	-42.41	317.82	1,670.13	1,216.39	1,196.60	19.79	61.475	
4,200.00	4,146.40	3,971.92	3,907.06	11.05	10.71	-43.02	327.34	1,687.01	1,223.57	1,203.28	20.29	60.303	
4,300.00	4,244.94	4,070.80	4,004.03	11.31	10.97	-43.62	336.85	1,703.89	1,230.90	1,210.09	20.80	59.167	
4,400.00	4,343.48	4,169.69	4,101.01	11.59	11.24	-44.22	346.36	1,720.77	1,238.35	1,217.03	21.33	58.066	
4,500.00	4,442.02	4,268.58	4,197.98	11.86	11.51	-44.80	355.87	1,737.65	1,245.95	1,224.09	21.86	57.001	
4,600.00	4,540.56	4,367.47	4,294.95	12.14	11.79	-45.38	365.39	1,754.53	1,253.67	1,231.27	22.40	55.972	
4,700.00	4,639.10	4,466.36	4,391.92	12.42	12.07	-45.96	374.90	1,771.41	1,261.52	1,238.57	22.95	54.978	
4,800.00	4,737.64	4,565.24	4,488.89	12.71	12.35	-46.52	384.41	1,788.29	1,269.49	1,245.99	23.50	54.020	
4,900.00	4,836.18	4,664.13	4,585.86	13.00	12.64	-47.08	393.93	1,805.17	1,277.59	1,253.53	24.06	53.097	
5,000.00	4,934.72	4,763.02	4,682.83	13.29	12.93	-47.63	403.44	1,822.05	1,285.81	1,261.18	24.63	52.207	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,033.26	4,861.91	4,779.80	13.58	13.22	-48.18	412.95	1,838.93	1,294.15	1,268.95	25.20	51.350	
5,200.00	5,131.80	4,960.80	4,876.77	13.87	13.52	-48.71	422.46	1,855.81	1,302.61	1,276.83	25.78	50.525	
5,300.00	5,230.34	5,059.68	4,973.74	14.17	13.81	-49.25	431.98	1,872.70	1,311.18	1,284.81	26.37	49.731	
5,400.00	5,328.89	5,158.57	5,070.71	14.47	14.12	-49.77	441.49	1,889.58	1,319.86	1,292.91	26.95	48.967	
5,500.00	5,427.43	5,257.46	5,167.69	14.77	14.42	-50.29	451.00	1,906.46	1,328.65	1,301.10	27.55	48.231	
5,600.00	5,525.97	5,356.35	5,264.66	15.08	14.72	-50.80	460.52	1,923.34	1,337.55	1,309.40	28.15	47.523	
5,700.00	5,624.51	5,455.24	5,361.63	15.38	15.03	-51.30	470.03	1,940.22	1,346.55	1,317.81	28.75	46.841	
5,800.00	5,723.05	5,554.12	5,458.60	15.69	15.34	-51.80	479.54	1,957.10	1,355.66	1,326.31	29.35	46.185	
5,900.00	5,821.59	5,653.01	5,555.57	16.00	15.65	-52.29	489.05	1,973.98	1,364.87	1,334.91	29.96	45.554	
6,000.00	5,920.13	5,751.90	5,652.54	16.31	15.96	-52.77	498.57	1,990.86	1,374.18	1,343.60	30.57	44.945	
6,100.00	6,018.67	5,826.35	5,752.64	16.62	16.26	-53.25	508.08	2,007.74	1,383.49	1,352.91	31.18	44.336	
6,200.00	6,117.21	5,907.78	5,833.13	16.93	16.57	-53.73	517.59	2,024.62	1,392.80	1,362.82	31.79	43.727	
6,300.00	6,215.75	6,008.22	5,913.57	17.24	16.88	-54.21	527.10	2,041.50	1,402.71	1,372.73	32.40	43.118	
6,400.00	6,314.29	6,108.66	6,013.91	17.56	17.19	-54.69	536.61	2,058.38	1,412.60	1,382.64	33.01	42.509	
6,500.00	6,412.83	6,209.10	6,114.35	17.87	17.50	-55.17	546.12	2,075.26	1,422.49	1,392.55	33.62	41.900	
6,600.00	6,511.38	6,309.54	6,214.79	18.19	17.81	-55.65	555.63	2,092.14	1,432.38	1,402.46	34.23	41.291	
6,700.00	6,609.92	6,409.98	6,315.23	18.51	18.13	-56.13	565.14	2,109.02	1,442.27	1,412.35	34.84	40.682	
6,800.00	6,708.16	6,509.42	6,415.67	18.84	18.45	-56.61	574.65	2,125.90	1,452.16	1,422.24	35.45	40.073	
6,900.00	6,803.11	6,608.86	6,516.11	19.25	18.86	-57.09	584.16	2,142.78	1,462.05	1,432.13	36.06	39.464	
7,000.00	6,892.11	6,708.30	6,616.55	19.76	19.37	-57.57	593.67	2,159.66	1,471.94	1,442.02	36.67	38.855	
7,030.78	6,917.95	6,734.14	6,642.39	19.94	19.55	-57.65	596.18	2,164.74	1,476.02	1,446.10	36.85	38.669	23.910 CC, ES
7,100.00	6,972.96	6,789.15	6,697.40	20.36	20.00	-58.13	605.69	2,181.62	1,485.91	1,456.00	37.46	38.060	
7,200.00	7,043.67	6,859.86	6,768.11	21.07	20.71	-58.61	615.20	2,198.50	1,495.80	1,465.89	38.07	37.451	
7,300.00	7,102.50	6,918.69	6,826.94	21.87	21.51	-59.09	624.71	2,215.38	1,505.69	1,475.78	38.68	36.842	
7,400.00	7,148.01	6,964.10	6,872.35	22.77	22.41	-59.57	634.22	2,232.26	1,515.58	1,485.67	39.29	36.233	
7,500.00	7,179.07	7,000.00	6,903.22	23.75	23.39	-60.05	643.73	2,249.14	1,525.47	1,495.56	39.90	35.624	
7,600.00	7,194.92	7,015.85	6,919.07	24.79	24.43	-60.53	653.24	2,266.02	1,535.36	1,505.45	40.51	35.015	
7,700.00	7,196.79	7,017.70	6,920.92	25.88	25.52	-61.01	662.75	2,282.90	1,545.25	1,515.34	41.12	34.406	
7,800.00	7,196.31	7,017.22	6,920.44	27.02	26.66	-61.49	672.26	2,299.78	1,555.14	1,525.23	41.73	33.797	
7,900.00	7,195.84	7,016.74	6,919.96	28.22	27.86	-61.97	681.77	2,316.66	1,565.03	1,535.12	42.34	33.188	
8,000.00	7,195.36	7,016.26	6,919.48	29.47	29.11	-62.45	691.28	2,333.54	1,574.92	1,545.01	42.95	32.579	
8,100.00	7,194.89	7,015.79	6,918.99	30.75	30.39	-62.93	700.79	2,350.42	1,584.81	1,554.90	43.56	31.970	
8,200.00	7,194.41	7,015.31	6,918.51	32.08	31.72	-63.41	710.30	2,367.30	1,594.70	1,564.79	44.17	31.361	
8,300.00	7,193.93	7,014.83	6,918.03	33.44	33.08	-63.89	719.81	2,384.18	1,604.59	1,574.68	44.78	30.752	
8,400.00	7,193.46	7,014.36	6,917.56	34.82	34.46	-64.37	729.32	2,401.06	1,614.48	1,584.57	45.39	30.143	
8,500.00	7,192.98	7,013.88	6,917.08	36.23	35.87	-64.85	738.83	2,417.94	1,624.37	1,594.46	46.00	29.534	
8,600.00	7,192.51	7,013.41	6,916.61	37.66	37.30	-65.33	748.34	2,434.82	1,634.26	1,604.35	46.61	28.925	
8,700.00	7,192.03	7,012.93	6,916.13	39.11	38.75	-65.81	757.85	2,451.70	1,644.15	1,614.24	47.22	28.316	
8,800.00	7,191.56	7,012.46	6,915.66	40.58	40.21	-66.29	767.36	2,468.58	1,654.04	1,624.13	47.83	27.707	
8,900.00	7,191.08	7,011.98	6,915.18	42.07	41.70	-66.77	776.87	2,485.46	1,663.93	1,634.02	48.44	27.098	
9,000.00	7,190.61	7,011.51	6,914.71	43.56	43.19	-67.25	786.38	2,502.34	1,673.82	1,643.91	49.05	26.489	
9,100.00	7,190.13	7,011.03	6,914.23	45.07	44.70	-67.73	795.89	2,519.22	1,683.71	1,653.80	49.66	25.880	
9,200.00	7,189.66	7,010.56	6,913.76	46.59	46.22	-68.21	805.40	2,536.10	1,693.60	1,663.69	50.27	25.271	
9,300.00	7,189.18	7,010.08	6,913.28	48.13	47.76	-68.69	814.91	2,552.98	1,703.49	1,673.58	50.88	24.662	
9,400.00	7,188.70	7,009.61	6,912.81	49.67	49.30	-69.17	824.42	2,569.86	1,713.38	1,683.47	51.49	24.053	
9,500.00	7,188.23	7,009.13	6,912.33	51.22	50.85	-69.65	833.93	2,586.74	1,723.27	1,693.36	52.10	23.444	
9,600.00	7,187.75	7,008.66	6,911.86	52.77	52.40	-70.13	843.44	2,603.62	1,733.16	1,703.25	52.71	22.835	
9,700.00	7,187.28	7,008.19	6,911.39	54.34	53.97	-70.61	852.95	2,620.50	1,743.05	1,713.14	53.32	22.226	
9,800.00	7,186.80	7,007.71	6,910.91	55.91	55.54	-71.09	862.46	2,637.38	1,752.94	1,723.03	53.93	21.617	
9,900.00	7,186.33	7,007.24	6,910.44	57.48	57.11	-71.57	871.97	2,654.26	1,762.83	1,732.92	54.54	21.008	
10,000.00	7,185.85	7,006.76	6,909.96	59.06	58.69	-72.05	881.48	2,671.14	1,772.72	1,742.81	55.15	20.399	
10,100.00	7,185.38	7,006.29	6,909.49	60.65	60.28	-72.53	890.99	2,688.02	1,782.61	1,752.70	55.76	19.790	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,184.90	6,625.25	6,510.49	62.24	18.30	-54.01	583.01	2,079.34	2,414.25	2,369.16	45.09	53.539		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.19	-3.62	1,119.48	1,119.49				
100.00	100.00	101.00	101.00	3.28	3.28	90.19	-3.62	1,119.48	1,119.49	1,111.96	7.53	148.691	
200.00	200.00	201.00	201.00	3.31	3.31	90.19	-3.62	1,119.48	1,119.49	1,111.92	7.57	147.803	
300.00	299.98	288.82	288.82	3.35	3.34	-17.85	-3.46	1,119.70	1,118.11	1,110.45	7.65	146.089	
400.00	399.84	364.91	364.88	3.41	3.39	-18.00	-2.25	1,121.34	1,115.28	1,107.52	7.76	143.763	
500.00	499.45	440.87	440.73	3.50	3.45	-18.25	0.16	1,124.59	1,111.29	1,103.39	7.89	140.772	
600.00	598.70	516.64	516.26	3.62	3.52	-18.62	3.76	1,129.45	1,106.16	1,098.09	8.06	137.175	
700.00	697.47	592.14	591.32	3.77	3.61	-19.10	8.52	1,135.89	1,099.96	1,091.69	8.27	133.006	
800.00	796.01	667.44	665.97	3.96	3.71	-19.62	14.44	1,143.89	1,094.70	1,086.20	8.50	128.718	
900.00	894.55	742.57	740.14	4.18	3.83	-20.20	21.51	1,153.44	1,091.76	1,082.99	8.77	124.461	
975.93	969.38	800.00	796.63	4.36	3.94	-20.68	27.69	1,161.79	1,091.11	1,082.11	9.00	121.292 CC, ES	
1,000.00	993.09	817.41	813.70	4.42	3.97	-20.83	29.70	1,164.51	1,091.19	1,082.12	9.07	120.328	
1,100.00	1,091.63	904.93	899.35	4.68	4.17	-21.63	40.43	1,179.01	1,092.72	1,083.29	9.43	115.853	
1,200.00	1,190.17	1,003.37	995.63	4.96	4.41	-22.54	52.64	1,195.50	1,094.76	1,084.90	9.86	111.028	
1,300.00	1,288.71	1,101.81	1,091.90	5.25	4.68	-23.44	64.84	1,211.99	1,097.08	1,086.76	10.32	106.323	
1,400.00	1,387.25	1,200.24	1,188.18	5.55	4.97	-24.33	77.05	1,228.48	1,099.67	1,088.87	10.80	101.801	
1,500.00	1,485.79	1,301.32	1,284.45	5.87	5.28	-25.22	89.25	1,244.98	1,102.54	1,091.22	11.31	97.440	
1,600.00	1,584.34	1,402.88	1,380.73	6.19	5.61	-26.11	101.46	1,261.47	1,105.68	1,093.83	11.85	93.321	
1,700.00	1,682.88	1,504.45	1,477.00	6.52	5.96	-26.99	113.66	1,277.96	1,109.09	1,096.69	12.40	89.453	
1,800.00	1,781.42	1,606.01	1,573.27	6.85	6.31	-27.86	125.86	1,294.45	1,112.77	1,099.81	12.96	85.837	
1,900.00	1,879.96	1,707.57	1,669.55	7.04	6.67	-28.73	138.07	1,310.94	1,116.72	1,103.53	13.19	84.653	
2,000.00	1,978.50	1,809.14	1,765.82	7.08	7.03	-29.60	150.27	1,327.44	1,120.93	1,107.43	13.50	83.058	
2,100.00	2,077.04	1,889.30	1,862.10	7.13	7.19	-30.46	162.48	1,343.93	1,125.40	1,111.91	13.49	83.451	
2,200.00	2,175.58	1,987.74	1,958.37	7.20	7.25	-31.31	174.68	1,360.42	1,130.12	1,116.54	13.58	83.221	
2,300.00	2,274.12	2,086.17	2,054.65	7.29	7.31	-32.15	186.89	1,376.91	1,135.10	1,121.41	13.69	82.911	
2,400.00	2,372.66	2,184.61	2,150.92	7.39	7.39	-32.99	199.09	1,393.40	1,140.33	1,126.50	13.83	82.436	
2,500.00	2,471.20	2,283.05	2,247.20	7.51	7.49	-33.81	211.30	1,409.89	1,145.81	1,131.80	14.01	81.807	
2,600.00	2,569.74	2,381.48	2,343.47	7.64	7.60	-34.63	223.50	1,426.39	1,151.53	1,137.32	14.21	81.041	
2,700.00	2,668.28	2,479.92	2,439.75	7.78	7.72	-35.45	235.70	1,442.88	1,157.49	1,143.05	14.44	80.155	
2,800.00	2,766.83	2,578.36	2,536.02	7.94	7.86	-36.25	247.91	1,459.37	1,163.68	1,148.99	14.70	79.166	
2,900.00	2,865.37	2,676.79	2,632.30	8.11	8.02	-37.05	260.11	1,475.86	1,170.11	1,155.13	14.98	78.091	
3,000.00	2,963.91	2,775.23	2,728.57	8.28	8.18	-37.83	272.32	1,492.35	1,176.77	1,161.48	15.29	76.947	
3,100.00	3,062.45	2,873.67	2,824.85	8.47	8.36	-38.61	284.52	1,508.85	1,183.65	1,168.03	15.63	75.751	
3,200.00	3,160.99	2,972.10	2,921.12	8.67	8.55	-39.38	296.73	1,525.34	1,190.75	1,174.77	15.98	74.517	
3,300.00	3,259.53	3,070.54	3,017.40	8.88	8.74	-40.14	308.93	1,541.83	1,198.07	1,181.72	16.35	73.258	
3,400.00	3,358.07	3,168.98	3,113.67	9.09	8.95	-40.89	321.14	1,558.32	1,205.61	1,188.86	16.75	71.986	
3,500.00	3,456.61	3,267.41	3,209.95	9.31	9.17	-41.64	333.34	1,574.81	1,213.35	1,196.19	17.16	70.711	
3,600.00	3,555.15	3,365.85	3,306.22	9.54	9.39	-42.37	345.54	1,591.30	1,221.29	1,203.71	17.59	69.441	
3,700.00	3,653.69	3,464.29	3,402.50	9.78	9.63	-43.09	357.75	1,607.80	1,229.44	1,211.41	18.03	68.184	
3,800.00	3,752.23	3,562.72	3,498.77	10.02	9.87	-43.81	369.95	1,624.29	1,237.78	1,219.29	18.49	66.946	
3,900.00	3,850.77	3,661.16	3,595.05	10.27	10.11	-44.51	382.16	1,640.78	1,246.32	1,227.36	18.96	65.731	
4,000.00	3,949.31	3,759.60	3,691.32	10.52	10.37	-45.21	394.36	1,657.27	1,255.05	1,235.60	19.44	64.544	
4,100.00	4,047.86	3,858.03	3,787.60	10.78	10.62	-45.89	406.57	1,673.76	1,263.96	1,244.02	19.94	63.386	
4,200.00	4,146.40	3,956.47	3,883.87	11.05	10.89	-46.57	418.77	1,690.26	1,273.05	1,252.60	20.45	62.261	
4,300.00	4,244.94	4,054.91	3,980.15	11.31	11.16	-47.24	430.98	1,706.75	1,282.32	1,261.36	20.96	61.169	
4,400.00	4,343.48	4,153.34	4,076.42	11.59	11.43	-47.89	443.18	1,723.24	1,291.77	1,270.28	21.49	60.111	
4,500.00	4,442.02	4,251.78	4,172.70	11.86	11.71	-48.54	455.38	1,739.73	1,301.38	1,279.35	22.02	59.088	
4,600.00	4,540.56	4,350.22	4,268.97	12.14	11.99	-49.18	467.59	1,756.22	1,311.16	1,288.59	22.57	58.100	
4,700.00	4,639.10	4,448.65	4,365.25	12.42	12.28	-49.81	479.79	1,772.71	1,321.10	1,297.98	23.12	57.146	
4,800.00	4,737.64	4,547.09	4,461.52	12.71	12.57	-50.43	492.00	1,789.21	1,331.20	1,307.53	23.68	56.226	
4,900.00	4,836.18	4,645.53	4,557.80	13.00	12.86	-51.04	504.20	1,805.70	1,341.46	1,317.22	24.24	55.341	
5,000.00	4,934.72	4,743.96	4,654.07	13.29	13.16	-51.64	516.41	1,822.19	1,351.87	1,327.06	24.81	54.487	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,842.40	4,750.34	13.58	13.45	-52.23	528.61	1,838.68	1,362.42	1,337.04	25.39	53.666		
5,200.00	5,131.80	4,940.84	4,846.62	13.87	13.75	-52.82	540.82	1,855.17	1,373.12	1,347.16	25.97	52.876		
5,300.00	5,230.34	5,039.27	4,942.89	14.17	14.06	-53.39	553.02	1,871.67	1,383.97	1,357.41	26.56	52.115		
5,400.00	5,328.89	5,137.71	5,039.17	14.47	14.36	-53.96	565.22	1,888.16	1,394.95	1,367.80	27.15	51.384		
5,500.00	5,427.43	5,236.15	5,135.44	14.77	14.67	-54.52	577.43	1,904.65	1,406.06	1,378.32	27.74	50.680		
5,600.00	5,525.97	5,334.58	5,231.72	15.08	14.98	-55.06	589.63	1,921.14	1,417.31	1,388.97	28.34	50.003		
5,700.00	5,624.51	5,433.02	5,327.99	15.38	15.29	-55.60	601.84	1,937.63	1,428.69	1,399.74	28.95	49.352		
5,800.00	5,723.05	5,531.46	5,424.27	15.69	15.61	-56.14	614.04	1,954.12	1,440.19	1,410.63	29.56	48.725		
5,900.00	5,821.59	5,629.89	5,520.54	16.00	15.92	-56.66	626.25	1,970.62	1,451.81	1,421.64	30.17	48.123		
6,000.00	5,920.13	5,728.33	5,616.82	16.31	16.24	-57.17	638.45	1,987.11	1,463.55	1,432.77	30.78	47.542		
6,100.00	6,018.67	5,826.77	5,713.09	16.62	16.56	-57.68	650.66	2,003.60	1,475.41	1,444.01	31.40	46.984		
6,200.00	6,117.21	5,925.20	5,809.37	16.93	16.88	-58.18	662.86	2,020.09	1,487.39	1,455.36	32.02	46.446		
6,300.00	6,215.75	6,023.74	5,905.91	17.24	17.19	-58.69	675.07	2,036.58	1,499.37	1,467.34	32.64	45.908		
6,400.00	6,314.29	6,122.28	6,003.45	17.56	17.51	-59.20	687.28	2,053.07	1,511.35	1,479.32	33.26	45.370		
6,500.00	6,412.83	6,220.82	6,101.99	17.87	17.83	-59.71	699.49	2,069.56	1,523.33	1,491.30	33.88	44.832		
6,600.00	6,511.38	6,319.36	6,200.53	18.19	18.15	-60.22	711.70	2,086.05	1,535.31	1,503.28	34.50	44.294		
6,700.00	6,609.92	6,417.90	6,299.07	18.51	18.47	-60.73	723.91	2,102.54	1,547.29	1,515.26	35.12	43.756		
6,800.00	6,708.46	6,516.44	6,397.61	18.84	18.80	-61.24	736.12	2,119.03	1,559.27	1,527.24	35.74	43.218		
6,900.00	6,807.00	6,614.98	6,496.15	19.16	19.12	-61.75	748.33	2,135.52	1,571.25	1,539.22	36.36	42.680		
7,000.00	6,905.54	6,713.52	6,594.69	19.48	19.44	-62.26	760.54	2,152.01	1,583.23	1,551.20	36.98	42.142		
7,100.00	7,004.08	6,812.06	6,693.23	19.80	19.76	-62.77	772.75	2,168.50	1,595.21	1,563.18	37.60	41.604		
7,200.00	7,102.62	6,910.60	6,791.77	20.12	20.08	-63.28	784.96	2,184.99	1,607.19	1,575.16	38.22	41.066		
7,300.00	7,201.16	7,009.14	6,890.31	20.44	20.40	-63.79	797.17	2,201.48	1,619.17	1,587.14	38.84	40.528		
7,400.00	7,300.00	7,107.68	6,988.85	20.76	20.72	-64.30	809.38	2,217.97	1,631.15	1,599.12	39.46	40.000		
7,500.00	7,400.00	7,206.22	7,087.39	21.08	21.04	-64.81	821.59	2,234.46	1,643.13	1,611.10	40.08	39.462		
7,600.00	7,500.00	7,304.76	7,185.93	21.40	21.36	-65.32	833.80	2,250.95	1,655.11	1,623.08	40.70	38.924		
7,700.00	7,600.00	7,403.30	7,284.47	21.72	21.68	-65.83	846.01	2,267.44	1,667.09	1,635.06	41.32	38.386		
7,800.00	7,700.00	7,501.84	7,383.01	22.04	22.00	-66.34	858.22	2,283.93	1,679.07	1,647.04	41.94	37.848		
7,900.00	7,800.00	7,600.38	7,481.55	22.36	22.32	-66.85	870.43	2,300.42	1,691.05	1,659.02	42.56	37.310		
8,000.00	7,900.00	7,698.92	7,580.09	22.68	22.64	-67.36	882.64	2,316.91	1,703.03	1,671.00	43.18	36.772		
8,100.00	8,000.00	7,797.46	7,678.63	23.00	22.96	-67.87	894.85	2,333.40	1,715.01	1,682.98	43.80	36.234		
8,200.00	8,100.00	7,896.00	7,777.17	23.32	23.28	-68.38	907.06	2,349.89	1,726.99	1,694.96	44.42	35.696		
8,300.00	8,200.00	7,994.54	7,875.71	23.64	23.60	-68.89	919.27	2,366.38	1,738.97	1,706.94	45.04	35.158		
8,400.00	8,300.00	8,093.08	7,974.25	23.96	23.92	-69.40	931.48	2,382.87	1,750.95	1,718.92	45.66	34.620		
8,500.00	8,400.00	8,191.62	8,072.79	24.28	24.24	-69.91	943.69	2,399.36	1,762.93	1,730.90	46.28	34.082		
8,600.00	8,500.00	8,290.16	8,171.33	24.60	24.56	-70.42	955.90	2,415.85	1,774.91	1,742.88	46.90	33.544		
8,700.00	8,600.00	8,388.70	8,270.87	24.92	24.88	-70.93	968.11	2,432.34	1,786.89	1,754.86	47.52	33.006		
8,800.00	8,700.00	8,487.24	8,370.41	25.24	25.20	-71.44	980.32	2,448.83	1,798.87	1,766.84	48.14	32.468		
8,900.00	8,800.00	8,585.78	8,469.95	25.56	25.52	-71.95	992.53	2,465.32	1,810.85	1,778.82	48.76	31.930		
9,000.00	8,900.00	8,684.32	8,569.49	25.88	25.84	-72.46	1,004.74	2,481.81	1,822.83	1,790.80	49.38	31.392		
9,100.00	9,000.00	8,782.86	8,669.03	26.20	26.16	-72.97	1,016.95	2,498.30	1,834.81	1,802.78	50.00	30.854		
9,200.00	9,100.00	8,881.40	8,768.57	26.52	26.48	-73.48	1,029.16	2,514.79	1,846.79	1,814.76	50.62	30.316		
9,300.00	9,200.00	8,979.94	8,868.11	26.84	26.80	-73.99	1,041.37	2,531.28	1,858.77	1,826.74	51.24	29.778		
9,400.00	9,300.00	9,078.48	8,967.65	27.16	27.12	-74.50	1,053.58	2,547.77	1,870.75	1,838.72	51.86	29.240		
9,500.00	9,400.00	9,177.02	9,067.19	27.48	27.44	-75.01	1,065.79	2,564.26	1,882.73	1,850.70	52.48	28.702		
9,600.00	9,500.00	9,275.56	9,166.73	27.80	27.76	-75.52	1,078.00	2,580.75	1,894.71	1,862.68	53.10	28.164		
9,700.00	9,600.00	9,374.10	9,266.27	28.12	28.08	-76.03	1,090.21	2,597.24	1,906.69	1,874.66	53.72	27.626		
9,800.00	9,700.00	9,472.64	9,365.81	28.44	28.40	-76.54	1,102.42	2,613.73	1,918.67	1,886.64	54.34	27.088		
9,900.00	9,800.00	9,571.18	9,465.35	28.76	28.72	-77.05	1,114.63	2,630.22	1,930.65	1,898.62	54.96	26.550		
10,000.00	9,900.00	9,669.72	9,564.89	29.08	29.04	-77.56	1,126.84	2,646.71	1,942.63	1,910.60	55.58	26.012		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,185.38	6,750.00	6,617.83	60.65	19.25	-62.81	765.66	2,109.43	2,353.68	2,303.72	49.96	47.110	
10,200.00	7,184.90	6,750.00	6,617.83	62.24	19.25	-62.81	765.66	2,109.43	2,438.60	2,388.77	49.83	48.935	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.20	-3.98	1,139.53	1,139.54				
100.00	100.00	101.00	101.00	3.28	3.28	90.20	-3.98	1,139.53	1,139.54	1,132.01	7.53	151.354	
200.00	200.00	201.00	201.00	3.31	3.31	90.20	-3.98	1,139.53	1,139.54	1,131.96	7.57	150.449	
300.00	299.98	289.45	289.45	3.35	3.34	-17.84	-3.79	1,139.73	1,138.13	1,130.48	7.65	148.697	
400.00	399.84	366.74	366.71	3.41	3.39	-17.99	-2.37	1,141.28	1,135.16	1,127.40	7.76	146.286	
500.00	499.45	443.87	443.73	3.50	3.45	-18.27	0.45	1,144.37	1,130.88	1,122.98	7.90	143.170	
600.00	598.70	520.75	520.35	3.62	3.53	-18.67	4.65	1,148.96	1,125.33	1,117.26	8.07	139.414	
700.00	697.47	600.00	599.13	3.77	3.62	-19.20	10.44	1,155.29	1,118.59	1,110.30	8.29	134.981	
800.00	796.01	673.53	671.99	3.96	3.72	-19.75	17.12	1,162.59	1,112.65	1,104.13	8.52	130.569	
900.00	894.55	749.53	747.00	4.18	3.85	-20.39	25.34	1,171.58	1,108.93	1,100.14	8.79	126.089	
1,000.00	993.09	825.16	821.31	4.42	3.99	-21.08	34.86	1,181.99	1,107.49	1,098.39	9.10	121.714	
1,012.13	1,005.04	834.31	830.26	4.45	4.01	-21.17	36.10	1,183.34	1,107.47	1,098.33	9.14	121.186 CC, ES	
1,100.00	1,091.63	901.21	895.62	4.68	4.16	-21.85	45.77	1,193.90	1,108.38	1,098.95	9.43	117.477	
1,200.00	1,190.17	1,000.87	991.04	4.96	4.41	-22.87	60.58	1,210.10	1,110.58	1,100.70	9.87	112.477	
1,300.00	1,288.71	1,102.96	1,086.47	5.25	4.70	-23.89	75.39	1,226.29	1,113.14	1,102.78	10.35	107.539	
1,400.00	1,387.25	1,194.96	1,181.89	5.55	4.98	-24.90	90.20	1,242.48	1,116.06	1,105.23	10.83	103.047	
1,500.00	1,485.79	1,307.13	1,277.32	5.87	5.34	-25.91	105.01	1,258.67	1,119.34	1,107.96	11.39	98.305	
1,600.00	1,584.34	1,409.21	1,372.74	6.19	5.69	-26.91	119.82	1,274.86	1,122.99	1,111.05	11.93	94.097	
1,700.00	1,682.88	1,488.71	1,468.17	6.52	5.97	-27.91	134.63	1,291.05	1,126.98	1,114.55	12.44	90.621	
1,800.00	1,781.42	1,586.62	1,563.59	6.85	6.32	-28.89	149.44	1,307.24	1,131.33	1,118.33	13.00	86.997	
1,900.00	1,879.96	1,684.54	1,659.02	7.04	6.68	-29.87	164.25	1,323.43	1,136.02	1,122.79	13.23	85.842	
2,000.00	1,978.50	1,782.45	1,754.45	7.08	7.05	-30.85	179.07	1,339.62	1,141.06	1,127.51	13.55	84.201	
2,100.00	2,077.04	1,880.37	1,849.87	7.13	7.29	-31.81	193.88	1,355.81	1,146.43	1,132.83	13.60	84.296	
2,200.00	2,175.58	1,978.28	1,945.30	7.20	7.37	-32.76	208.69	1,372.00	1,152.14	1,138.43	13.71	84.051	
2,300.00	2,274.12	2,076.20	2,040.72	7.29	7.44	-33.71	223.50	1,388.19	1,158.18	1,144.36	13.82	83.813	
2,400.00	2,372.66	2,174.11	2,136.15	7.39	7.52	-34.65	238.31	1,404.38	1,164.53	1,150.57	13.96	83.412	
2,500.00	2,471.20	2,272.03	2,231.57	7.51	7.62	-35.57	253.12	1,420.57	1,171.21	1,157.07	14.14	82.858	
2,600.00	2,569.74	2,369.95	2,327.00	7.64	7.73	-36.49	267.93	1,436.76	1,178.20	1,163.86	14.34	82.167	
2,700.00	2,668.28	2,467.86	2,422.42	7.78	7.86	-37.39	282.74	1,452.95	1,185.49	1,170.92	14.57	81.355	
2,800.00	2,766.83	2,565.78	2,517.85	7.94	8.01	-38.28	297.55	1,469.14	1,193.09	1,178.26	14.83	80.439	
2,900.00	2,865.37	2,663.69	2,613.27	8.11	8.17	-39.17	312.36	1,485.33	1,200.98	1,185.86	15.12	79.437	
3,000.00	2,963.91	2,761.61	2,708.70	8.28	8.34	-40.04	327.18	1,501.52	1,209.16	1,193.73	15.43	78.366	
3,100.00	3,062.45	2,859.52	2,804.12	8.47	8.52	-40.90	341.99	1,517.71	1,217.63	1,201.86	15.76	77.240	
3,200.00	3,160.99	2,957.44	2,899.55	8.67	8.71	-41.75	356.80	1,533.90	1,226.37	1,210.25	16.12	76.074	
3,300.00	3,259.53	3,055.35	2,994.97	8.88	8.92	-42.58	371.61	1,550.09	1,235.39	1,218.89	16.50	74.882	
3,400.00	3,358.07	3,153.27	3,090.40	9.09	9.13	-43.41	386.42	1,566.28	1,244.67	1,227.77	16.89	73.674	
3,500.00	3,456.61	3,251.19	3,185.82	9.31	9.36	-44.22	401.23	1,582.47	1,254.21	1,236.90	17.31	72.462	
3,600.00	3,555.15	3,349.10	3,281.25	9.54	9.59	-45.02	416.04	1,598.66	1,264.00	1,246.27	17.74	71.254	
3,700.00	3,653.69	3,447.02	3,376.67	9.78	9.83	-45.81	430.85	1,614.85	1,274.05	1,255.86	18.19	70.056	
3,800.00	3,752.23	3,544.93	3,472.10	10.02	10.08	-46.59	445.66	1,631.04	1,284.34	1,265.69	18.65	68.875	
3,900.00	3,850.77	3,642.85	3,567.52	10.27	10.33	-47.35	460.48	1,647.23	1,294.86	1,275.74	19.12	67.716	
4,000.00	3,949.31	3,740.76	3,662.95	10.52	10.59	-48.10	475.29	1,663.42	1,305.62	1,286.01	19.61	66.582	
4,100.00	4,047.86	3,838.68	3,758.37	10.78	10.86	-48.84	490.10	1,679.61	1,316.60	1,296.49	20.11	65.476	
4,200.00	4,146.40	3,936.59	3,853.80	11.05	11.13	-49.57	504.91	1,695.80	1,327.80	1,307.18	20.62	64.401	
4,300.00	4,244.94	4,034.51	3,949.22	11.31	11.41	-50.29	519.72	1,711.99	1,339.21	1,318.08	21.14	63.357	
4,400.00	4,343.48	4,132.43	4,044.65	11.59	11.69	-50.99	534.53	1,728.18	1,350.84	1,329.17	21.67	62.346	
4,500.00	4,442.02	4,230.34	4,140.07	11.86	11.97	-51.68	549.34	1,744.37	1,362.67	1,340.46	22.20	61.368	
4,600.00	4,540.56	4,328.26	4,235.50	12.14	12.26	-52.36	564.15	1,760.56	1,374.69	1,351.94	22.75	60.423	
4,700.00	4,639.10	4,426.17	4,330.92	12.42	12.56	-53.03	578.96	1,776.75	1,386.91	1,363.61	23.31	59.511	
4,800.00	4,737.64	4,524.09	4,426.35	12.71	12.86	-53.69	593.77	1,792.95	1,399.32	1,375.45	23.87	58.632	
4,900.00	4,836.18	4,622.00	4,521.78	13.00	13.16	-54.34	608.59	1,809.14	1,411.91	1,387.48	24.43	57.786	
5,000.00	4,934.72	4,719.92	4,617.20	13.29	13.46	-54.97	623.40	1,825.33	1,424.68	1,399.67	25.01	56.970	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,817.83	4,712.63	13.58	13.77	-55.60	638.21	1,841.52	1,437.62	1,412.03	25.59	56.186		
5,200.00	5,131.80	4,915.75	4,808.05	13.87	14.08	-56.21	653.02	1,857.71	1,450.73	1,424.56	26.17	55.431		
5,300.00	5,230.34	5,013.67	4,903.48	14.17	14.39	-56.81	667.83	1,873.90	1,464.01	1,437.25	26.76	54.705		
5,400.00	5,328.89	5,111.58	4,998.90	14.47	14.70	-57.40	682.64	1,890.09	1,477.44	1,450.09	27.36	54.006		
5,500.00	5,427.43	5,209.50	5,094.33	14.77	15.02	-57.98	697.45	1,906.28	1,491.03	1,463.08	27.96	53.334		
5,600.00	5,525.97	5,307.41	5,189.75	15.08	15.34	-58.56	712.26	1,922.47	1,504.78	1,476.22	28.56	52.689		
5,700.00	5,624.51	5,405.33	5,285.18	15.38	15.66	-59.12	727.07	1,938.66	1,518.67	1,489.50	29.17	52.067		
5,800.00	5,723.05	5,503.24	5,380.60	15.69	15.98	-59.67	741.89	1,954.85	1,532.70	1,502.92	29.78	51.469		
5,900.00	5,821.59	5,601.16	5,476.03	16.00	16.30	-60.21	756.70	1,971.04	1,546.87	1,516.48	30.39	50.895		
6,000.00	5,920.13	5,700.93	5,571.45	16.31	16.64	-60.74	771.51	1,987.23	1,561.18	1,530.16	31.02	50.332		
6,100.00	6,018.67	5,796.99	5,666.88	16.62	16.96	-61.26	786.32	2,003.42	1,575.62	1,543.99	31.63	49.809		
6,200.00	6,117.21	5,905.10	5,762.30	16.93	17.32	-61.77	801.13	2,019.61	1,590.19	1,557.90	32.29	49.249		
6,300.00	6,215.75	5,992.82	5,857.73	17.24	17.62	-62.28	815.94	2,035.80	1,604.88	1,572.00	32.88	48.804		
6,400.00	6,314.29	6,091.36	5,953.27	17.56	17.94	-62.79	830.75	2,052.00	1,619.67	1,587.19	33.47	48.360		
6,500.00	6,412.83	6,189.89	6,048.79	17.87	18.26	-63.30	845.56	2,068.19	1,634.46	1,602.38	34.06	47.916		
6,600.00	6,511.38	6,288.42	6,148.29	18.19	18.57	-63.81	860.37	2,084.38	1,649.65	1,617.57	34.65	47.472		
6,700.00	6,609.92	6,386.95	6,247.79	18.51	18.89	-64.32	875.18	2,100.57	1,664.84	1,632.76	35.24	47.028		
6,800.00	6,708.46	6,485.48	6,347.29	18.84	19.20	-64.83	890.00	2,116.76	1,680.03	1,647.95	35.83	46.584		
6,900.00	6,807.00	6,584.01	6,446.79	19.17	19.51	-65.34	904.81	2,132.95	1,695.22	1,663.14	36.42	46.140		
7,000.00	6,905.54	6,682.54	6,546.29	19.50	19.84	-65.85	919.62	2,149.14	1,710.41	1,678.33	37.01	45.696		
7,100.00	7,004.08	6,781.07	6,645.79	19.83	20.17	-66.36	934.43	2,165.33	1,725.60	1,693.52	37.60	45.252		
7,200.00	7,102.62	6,879.60	6,745.29	20.16	20.50	-66.87	949.24	2,181.52	1,740.79	1,708.71	38.19	44.808		
7,300.00	7,201.16	6,978.13	6,844.79	20.49	20.83	-67.38	964.05	2,197.71	1,755.98	1,723.90	38.78	44.364		
7,400.00	7,300.00	7,076.66	6,944.29	20.82	21.16	-67.89	978.86	2,213.90	1,771.17	1,739.09	39.37	43.920		
7,500.00	7,398.54	7,175.19	7,043.79	21.15	21.49	-68.40	993.67	2,230.09	1,786.36	1,754.28	39.96	43.476		
7,600.00	7,497.08	7,273.72	7,143.29	21.48	21.82	-68.91	1,008.48	2,246.28	1,801.55	1,769.47	40.55	43.032		
7,700.00	7,595.62	7,372.25	7,242.79	21.81	22.15	-69.42	1,023.29	2,262.47	1,816.74	1,784.66	41.14	42.588		
7,800.00	7,694.16	7,470.78	7,342.29	22.14	22.48	-69.93	1,038.10	2,278.66	1,831.93	1,799.85	41.73	42.144		
7,900.00	7,792.70	7,569.31	7,441.79	22.47	22.81	-70.44	1,052.91	2,294.85	1,847.12	1,814.94	42.32	41.700		
8,000.00	7,891.24	7,667.84	7,541.29	22.80	23.14	-70.95	1,067.72	2,311.04	1,862.31	1,830.13	42.91	41.256		
8,100.00	7,989.78	7,766.37	7,640.79	23.13	23.47	-71.46	1,082.53	2,327.23	1,877.50	1,845.32	43.50	40.812		
8,200.00	8,088.32	7,864.90	7,740.29	23.46	23.80	-71.97	1,097.34	2,343.42	1,892.69	1,860.51	44.09	40.368		
8,300.00	8,186.86	7,963.43	7,839.79	23.79	24.13	-72.48	1,112.15	2,359.61	1,907.88	1,875.70	44.68	39.924		
8,400.00	8,285.40	8,061.96	7,939.29	24.12	24.46	-72.99	1,126.96	2,375.80	1,923.07	1,890.89	45.27	39.480		
8,500.00	8,383.94	8,160.49	8,038.79	24.45	24.79	-73.50	1,141.77	2,391.99	1,938.26	1,906.08	45.86	39.036		
8,600.00	8,482.48	8,259.02	8,138.29	24.78	25.12	-74.01	1,156.58	2,408.18	1,953.45	1,921.27	46.45	38.592		
8,700.00	8,581.02	8,357.55	8,237.79	25.11	25.45	-74.52	1,171.39	2,424.37	1,968.64	1,936.46	47.04	38.148		
8,800.00	8,679.56	8,456.08	8,337.29	25.44	25.78	-75.03	1,186.20	2,440.56	1,983.83	1,951.65	47.63	37.704		
8,900.00	8,778.10	8,554.61	8,436.79	25.77	26.11	-75.54	1,201.01	2,456.75	1,999.02	1,966.84	48.22	37.260		
9,000.00	8,876.64	8,653.14	8,536.29	26.10	26.44	-76.05	1,215.82	2,472.94	2,014.21	1,981.95	48.81	36.816		
9,100.00	8,975.18	8,751.67	8,635.79	26.43	26.77	-76.56	1,230.63	2,489.13	2,029.40	1,997.14	49.40	36.372		
9,200.00	9,073.72	8,850.20	8,735.29	26.76	27.10	-77.07	1,245.44	2,505.32	2,044.59	2,012.33	50.00	35.928		
9,300.00	9,172.26	8,948.73	8,834.79	27.09	27.43	-77.58	1,260.25	2,521.51	2,059.78	2,027.52	50.59	35.484		
9,400.00	9,270.80	9,047.26	8,934.29	27.42	27.76	-78.09	1,275.06	2,537.70	2,074.97	2,042.71	51.18	35.040		
9,500.00	9,369.34	9,145.79	9,033.79	27.75	28.09	-78.60	1,289.87	2,553.89	2,090.16	2,057.90	51.77	34.596		
9,600.00	9,467.88	9,244.32	9,133.29	28.08	28.42	-79.11	1,304.68	2,570.08	2,105.35	2,073.09	52.36	34.152		
9,700.00	9,566.42	9,342.85	9,232.79	28.41	28.75	-79.62	1,319.49	2,586.27	2,120.54	2,088.28	52.95	33.708		
9,800.00	9,664.96	9,441.38	9,332.29	28.74	29.08	-80.13	1,334.30	2,602.46	2,135.73	2,103.47	53.54	33.264		
9,900.00	9,763.50	9,539.91	9,431.79	29.07	29.41	-80.64	1,349.11	2,618.65	2,150.92	2,118.66	54.13	32.820		
10,000.00	9,862.04	9,638.44	9,531.29	29.40	29.74	-81.15	1,363.92	2,634.84	2,166.11	2,133.85	54.72	32.376		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,185.38	6,800.00	6,646.22	60.65	20.12	-67.06	938.78	2,137.14	2,411.99	2,357.90	54.09	44.589	
10,200.00	7,184.90	6,800.00	6,646.22	62.24	20.12	-67.06	938.78	2,137.14	2,493.82	2,439.84	53.98	46.200	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.16	-2.89	1,019.54	1,019.54				
100.00	100.00	100.00	100.00	3.28	3.28	90.16	-2.89	1,019.54	1,019.54	1,012.01	7.53	135.418	
200.00	200.00	200.00	200.00	3.31	3.31	90.16	-2.89	1,019.54	1,019.54	1,011.97	7.57	134.612	
300.00	299.98	300.02	299.98	3.35	3.35	-17.88	-2.89	1,019.54	1,017.88	1,010.22	7.66	132.869	
400.00	399.84	400.16	399.84	3.41	3.42	-18.00	-2.89	1,019.54	1,012.90	1,005.11	7.79	130.006	
500.00	499.45	500.55	499.45	3.50	3.50	-18.20	-2.89	1,019.54	1,004.61	996.64	7.97	126.092	
600.00	598.70	601.30	598.70	3.62	3.61	-18.50	-2.89	1,019.54	993.04	984.85	8.19	121.275	
700.00	697.47	702.53	697.47	3.77	3.74	-18.87	-2.89	1,019.54	978.22	969.76	8.46	115.657	
800.00	796.01	796.01	796.01	3.96	3.87	-19.20	-2.89	1,019.54	962.10	953.36	8.74	110.077	
900.00	894.55	871.09	871.09	4.18	3.97	-19.46	-2.92	1,020.42	947.19	938.18	9.01	105.094	
1,000.00	993.09	945.72	945.65	4.42	4.08	-19.71	-3.02	1,023.24	934.87	925.57	9.30	100.481	
1,100.00	1,091.63	1,020.79	1,020.57	4.68	4.20	-19.96	-3.19	1,028.03	925.17	915.56	9.61	96.234	
1,200.00	1,190.17	1,100.00	1,099.45	4.96	4.33	-20.21	-3.44	1,035.22	918.12	908.17	9.95	92.253	
1,300.00	1,288.71	1,171.86	1,170.82	5.25	4.47	-20.44	-3.73	1,043.62	913.70	903.41	10.29	88.783	
1,400.00	1,387.25	1,247.66	1,245.84	5.55	4.62	-20.67	-4.11	1,054.42	911.94	901.29	10.65	85.592	
1,415.97	1,402.99	1,259.77	1,257.80	5.60	4.65	-20.71	-4.18	1,056.33	911.91	901.19	10.71	85.117	
1,500.00	1,485.79	1,323.65	1,320.74	5.87	4.79	-20.89	-4.56	1,067.23	912.85	901.82	11.03	82.755	
1,600.00	1,584.34	1,423.53	1,418.96	6.19	5.03	-21.17	-5.19	1,085.35	915.07	903.57	11.50	79.558	
1,700.00	1,682.88	1,523.40	1,517.17	6.52	5.29	-21.46	-5.82	1,103.47	917.32	905.33	11.99	76.498	
1,800.00	1,781.42	1,623.27	1,615.38	6.85	5.57	-21.74	-6.45	1,121.60	919.59	907.10	12.50	73.580	
1,900.00	1,879.96	1,723.15	1,713.60	7.04	5.86	-22.01	-7.09	1,139.72	921.89	909.21	12.67	72.744	
2,000.00	1,978.50	1,823.02	1,811.81	7.08	6.13	-22.29	-7.72	1,157.84	924.20	911.46	12.74	72.530	
2,100.00	2,077.04	1,922.89	1,910.02	7.13	6.27	-22.57	-8.35	1,175.96	926.54	913.65	12.88	71.922	
2,200.00	2,175.58	2,022.77	2,008.24	7.20	6.31	-22.84	-8.98	1,194.08	928.89	915.93	12.96	71.672	
2,300.00	2,274.12	2,122.64	2,106.45	7.29	6.37	-23.11	-9.61	1,212.20	931.27	918.20	13.07	71.246	
2,400.00	2,372.66	2,222.52	2,204.67	7.39	6.45	-23.38	-10.25	1,230.32	933.67	920.46	13.21	70.658	
2,500.00	2,471.20	2,322.39	2,302.88	7.51	6.54	-23.65	-10.88	1,248.44	936.09	922.70	13.39	69.921	
2,600.00	2,569.74	2,422.26	2,401.09	7.64	6.65	-23.92	-11.51	1,266.56	938.53	924.94	13.59	69.052	
2,700.00	2,668.28	2,522.14	2,499.31	7.78	6.78	-24.19	-12.14	1,284.68	940.99	927.17	13.82	68.069	
2,800.00	2,766.83	2,622.01	2,597.52	7.94	6.92	-24.45	-12.77	1,302.80	943.47	929.39	14.08	66.990	
2,900.00	2,865.37	2,721.88	2,695.74	8.11	7.08	-24.72	-13.41	1,320.93	945.98	931.61	14.37	65.834	
3,000.00	2,963.91	2,821.76	2,793.95	8.28	7.25	-24.98	-14.04	1,339.05	948.50	933.82	14.68	64.616	
3,100.00	3,062.45	2,921.63	2,892.16	8.47	7.44	-25.24	-14.67	1,357.17	951.04	936.03	15.01	63.354	
3,200.00	3,160.99	3,021.50	2,990.38	8.67	7.63	-25.50	-15.30	1,375.29	953.60	938.24	15.37	62.061	
3,300.00	3,259.53	3,121.38	3,088.59	8.88	7.83	-25.76	-15.93	1,393.41	956.18	940.44	15.74	60.750	
3,400.00	3,358.07	3,221.25	3,186.81	9.09	8.05	-26.02	-16.57	1,411.53	958.78	942.65	16.13	59.435	
3,500.00	3,456.61	3,321.12	3,285.02	9.31	8.27	-26.27	-17.20	1,429.65	961.40	944.86	16.54	58.123	
3,600.00	3,555.15	3,421.00	3,383.23	9.54	8.51	-26.53	-17.83	1,447.77	964.04	947.07	16.97	56.820	
3,700.00	3,653.69	3,520.87	3,481.45	9.78	8.75	-26.78	-18.46	1,465.89	966.70	949.29	17.41	55.535	
3,800.00	3,752.23	3,620.75	3,579.66	10.02	8.99	-27.03	-19.09	1,484.01	969.37	951.51	17.86	54.273	
3,900.00	3,850.77	3,720.62	3,677.88	10.27	9.25	-27.28	-19.73	1,502.13	972.07	953.74	18.33	53.038	
4,000.00	3,949.31	3,820.49	3,776.09	10.52	9.51	-27.53	-20.36	1,520.26	974.78	955.98	18.81	51.833	
4,100.00	4,047.86	3,920.37	3,874.30	10.78	9.77	-27.78	-20.99	1,538.38	977.51	958.22	19.30	50.659	
4,200.00	4,146.40	4,020.24	3,972.52	11.05	10.04	-28.03	-21.62	1,556.50	980.26	960.47	19.80	49.519	
4,300.00	4,244.94	4,120.11	4,070.73	11.31	10.32	-28.27	-22.25	1,574.62	983.03	962.73	20.30	48.414	
4,400.00	4,343.48	4,219.99	4,168.94	11.59	10.60	-28.51	-22.89	1,592.74	985.82	965.00	20.82	47.343	
4,500.00	4,442.02	4,319.86	4,267.16	11.86	10.88	-28.76	-23.52	1,610.86	988.62	967.27	21.35	46.308	
4,600.00	4,540.56	4,419.73	4,365.37	12.14	11.17	-29.00	-24.15	1,628.98	991.44	969.56	21.88	45.308	
4,700.00	4,639.10	4,519.61	4,463.59	12.42	11.46	-29.24	-24.78	1,647.10	994.28	971.86	22.42	44.342	
4,800.00	4,737.64	4,619.48	4,561.80	12.71	11.75	-29.47	-25.41	1,665.22	997.14	974.17	22.97	43.409	
4,900.00	4,836.18	4,719.36	4,660.01	13.00	12.05	-29.71	-26.05	1,683.34	1,000.01	976.49	23.52	42.510	
5,000.00	4,934.72	4,819.23	4,758.23	13.29	12.35	-29.95	-26.68	1,701.47	1,002.90	978.82	24.08	41.643	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,919.10	4,856.44	13.58	12.65	-30.18	-27.31	1,719.59	1,005.81	981.16	24.65	40.807		
5,200.00	5,131.80	5,018.98	4,954.66	13.87	12.95	-30.41	-27.94	1,737.71	1,008.73	983.51	25.22	40.001		
5,300.00	5,230.34	5,118.85	5,052.87	14.17	13.26	-30.64	-28.57	1,755.83	1,011.67	985.88	25.79	39.224		
5,400.00	5,328.89	5,218.72	5,151.08	14.47	13.57	-30.87	-29.21	1,773.95	1,014.62	988.25	26.37	38.475		
5,500.00	5,427.43	5,318.60	5,249.30	14.77	13.88	-31.10	-29.84	1,792.07	1,017.60	990.64	26.95	37.753		
5,600.00	5,525.97	5,418.47	5,347.51	15.08	14.19	-31.33	-30.47	1,810.19	1,020.59	993.04	27.54	37.057		
5,700.00	5,624.51	5,518.34	5,445.73	15.38	14.50	-31.55	-31.10	1,828.31	1,023.59	995.46	28.13	36.386		
5,800.00	5,723.05	5,618.22	5,543.94	15.69	14.82	-31.78	-31.74	1,846.43	1,026.61	997.88	28.73	35.738		
5,900.00	5,821.59	5,718.09	5,642.15	16.00	15.13	-32.00	-32.37	1,864.55	1,029.65	1,000.32	29.32	35.113		
6,000.00	5,920.13	5,817.97	5,740.37	16.31	15.45	-32.22	-33.00	1,882.67	1,032.70	1,002.77	29.92	34.510		
6,100.00	6,018.67	5,917.84	5,838.58	16.62	15.77	-32.44	-33.63	1,900.80	1,035.76	1,005.24	30.53	33.928		
6,200.00	6,117.21	6,017.71	5,936.80	16.93	16.09	-32.66	-34.26	1,918.92	1,038.85	1,007.71	31.13	33.366		
6,300.00	6,215.75	6,117.59	6,035.01	17.24	16.41	-32.88	-34.90	1,937.04	1,041.94	1,010.20	31.74	32.823		
6,400.00	6,314.29	6,214.20	6,151.18	17.56	16.73	-137.71	-35.26	933.76	1,021.90	990.90	31.00	32.968		
6,500.00	6,412.83	6,312.77	6,249.82	17.87	17.04	-135.15	-35.38	953.18	929.57	898.21	31.35	29.648		
6,600.00	6,511.38	6,411.33	6,349.45	18.19	17.36	-132.46	-35.51	972.60	838.54	806.76	31.78	26.382		
6,700.00	6,609.92	6,509.90	6,449.09	18.51	17.68	-129.65	-35.63	992.02	749.31	716.98	32.33	23.180		
6,800.00	6,708.16	6,608.22	6,548.77	18.84	18.00	-127.43	-35.77	1,012.99	662.88	629.87	33.01	20.081		
6,900.00	6,806.11	6,706.11	6,648.88	19.16	18.32	-125.24	-35.90	1,034.72	583.09	549.26	33.82	17.240		
7,000.00	6,904.11	6,804.12	6,744.44	19.48	18.64	-123.02	-36.30	1,056.74	513.05	478.24	34.81	14.738		
7,100.00	6,992.96	6,892.97	6,834.44	20.36	20.60	-127.29	-36.69	1,155.86	455.06	419.06	36.00	12.639		
7,200.00	7,043.67	6,943.21	6,883.82	21.07	20.14	-124.17	-37.16	1,228.58	410.43	373.07	37.36	10.985		
7,300.00	7,102.50	7,002.64	6,943.52	21.87	19.68	-120.14	-37.69	1,311.11	379.02	340.25	38.77	9.777		
7,400.00	7,148.01	7,048.37	6,993.34	22.77	19.26	-115.72	-38.30	1,406.33	359.03	318.94	40.09	8.955		
7,500.00	7,179.07	7,079.93	7,001.64	23.75	18.88	-109.63	-38.99	1,524.11	343.65	302.06	41.59	8.263		
7,600.00	7,194.92	7,094.55	7,022.90	24.79	18.65	-103.23	-39.49	1,628.47	331.12	287.89	43.23	7.660		
7,700.00	7,196.79	7,096.19	7,021.35	25.88	18.53	-96.18	-39.84	1,718.62	322.57	277.89	44.68	7.220		
7,778.54	7,196.41	7,096.76	7,019.80	26.77	18.50	-89.71	-40.01	1,776.44	319.82	274.32	45.50	7.029 CC, ES		
7,800.00	7,196.31	7,096.65	7,018.71	27.02	18.49	-87.92	-40.04	1,790.25	320.07	274.44	45.62	7.015 SF		
7,900.00	7,195.84	7,096.30	7,018.75	28.22	18.49	-79.83	-40.14	1,844.78	328.98	283.40	45.58	7.217		
8,000.00	7,195.36	7,096.27	7,018.31	29.47	18.51	-72.69	-40.17	1,885.77	352.82	308.30	44.53	7.924		
8,100.00	7,194.89	7,096.42	7,058.44	30.75	18.52	-66.74	-40.17	1,916.61	391.88	348.97	42.91	9.132		
8,200.00	7,194.41	7,096.76	7,025.19	32.08	18.53	-61.92	-40.14	1,940.00	444.11	402.85	41.26	10.763		
8,300.00	7,193.93	7,096.00	6,993.03	33.44	18.55	-57.64	-40.09	1,959.78	506.74	466.89	39.85	12.715		
8,400.00	7,193.46	7,074.80	6,970.94	34.82	18.55	-54.91	-40.05	1,971.91	577.15	538.33	38.82	14.867		
8,500.00	7,192.98	7,050.00	6,948.75	36.23	18.56	-52.34	-40.01	1,982.98	653.40	615.35	38.05	17.170		
8,600.00	7,192.51	7,028.94	6,929.58	37.66	18.56	-50.25	-39.96	1,991.69	734.01	696.50	37.51	19.568		
8,700.00	7,192.03	7,000.00	6,902.79	39.11	18.56	-47.54	-39.89	2,002.63	818.08	781.02	37.06	22.075		
8,800.00	7,191.56	7,000.00	6,902.79	40.58	18.56	-47.54	-39.89	2,002.63	904.45	867.54	36.91	24.501		
8,900.00	7,191.08	6,980.14	6,884.13	42.07	18.55	-45.78	-39.83	2,009.42	992.89	956.19	36.70	27.053		
9,000.00	7,190.61	6,967.52	6,872.16	43.56	18.55	-44.70	-39.79	2,013.43	1,082.96	1,046.38	36.59	29.598		
9,100.00	7,190.13	6,950.00	6,855.42	45.07	18.55	-43.26	-39.74	2,018.61	1,174.37	1,137.89	36.49	32.186		
9,200.00	7,189.66	6,950.00	6,855.42	46.59	18.55	-43.26	-39.74	2,018.61	1,266.76	1,230.25	36.51	34.696		
9,300.00	7,189.18	6,950.00	6,855.42	48.13	18.55	-43.26	-39.74	2,018.61	1,360.23	1,323.68	36.55	37.218		
9,400.00	7,188.70	6,928.75	6,834.94	49.67	18.54	-41.60	-39.66	2,024.27	1,454.06	1,417.57	36.49	39.852		
9,500.00	7,188.23	6,921.22	6,827.64	51.22	18.53	-41.03	-39.64	2,026.11	1,548.70	1,512.19	36.51	42.418		
9,600.00	7,187.75	6,900.00	6,806.95	52.77	18.53	-39.50	-39.56	2,030.83	1,644.10	1,607.62	36.48	45.068		
9,700.00	7,187.28	6,900.00	6,806.95	54.34	18.53	-39.50	-39.56	2,030.83	1,739.57	1,703.01	36.56	47.586		
9,800.00	7,186.80	6,900.00	6,806.95	55.91	18.53	-39.50	-39.56	2,030.83	1,835.52	1,798.89	36.63	50.103		
9,900.00	7,186.33	6,900.00	6,806.95	57.48	18.53	-39.50	-39.56	2,030.83	1,931.89	1,895.17	36.72	52.617		
10,000.00	7,185.85	6,900.00	6,806.95	59.06	18.53	-39.50	-39.56	2,030.83	2,028.60	1,991.80	36.80	55.126		
10,100.00	7,185.38	6,900.00	6,806.95	60.65	18.53	-39.50	-39.56	2,030.83	2,125.62	2,088.74	36.88	57.630		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,900.00	6,806.95	62.24	18.53	-39.50	-39.56	2,030.83	2,222.91	2,185.94	36.97	60.125	
10,300.00	7,184.42	6,879.00	6,786.34	63.83	18.51	-38.06	-39.47	2,034.82	2,319.98	2,283.01	36.98	62.741	
10,400.00	7,183.95	6,875.26	6,782.65	65.43	18.51	-37.81	-39.46	2,035.46	2,417.54	2,380.48	37.05	65.242	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.17	-2.89	999.77	999.77				
100.00	100.00	100.00	100.00	3.28	3.28	90.17	-2.89	999.77	999.77	992.24	7.53	132.792	
200.00	200.00	200.00	200.00	3.31	3.31	90.17	-2.89	999.77	999.77	992.20	7.57	132.003	
300.00	299.98	297.33	297.31	3.35	3.34	-17.78	-4.54	999.78	998.13	990.48	7.65	130.419	
400.00	399.84	371.59	371.53	3.41	3.39	-17.74	-6.75	1,000.92	994.70	986.94	7.76	128.255	
500.00	499.45	445.91	445.75	3.50	3.44	-17.77	-8.76	1,003.99	990.53	982.64	7.89	125.555	
600.00	598.70	520.28	519.93	3.62	3.51	-17.85	-10.56	1,008.97	985.61	977.55	8.05	122.374	
700.00	697.47	594.70	594.01	3.77	3.60	-18.00	-12.16	1,015.87	979.97	971.72	8.25	118.737	
800.00	796.01	669.25	668.02	3.96	3.70	-18.15	-13.55	1,024.70	975.58	967.10	8.48	115.054	
900.00	894.55	743.90	741.88	4.18	3.82	-18.31	-14.74	1,035.45	973.79	965.05	8.74	111.480	
918.72	912.99	757.87	755.67	4.22	3.84	-18.34	-14.94	1,037.68	973.74	964.96	8.79	110.824	
1,000.00	993.09	828.07	824.84	4.42	3.97	-18.51	-15.85	1,049.63	974.42	965.38	9.04	107.746	
1,100.00	1,091.63	927.98	923.24	4.68	4.18	-18.74	-17.11	1,066.90	975.57	966.15	9.43	103.502	
1,200.00	1,190.17	1,027.90	1,021.65	4.96	4.41	-18.97	-18.38	1,084.17	976.74	966.90	9.84	99.281	
1,300.00	1,288.71	1,127.81	1,120.05	5.25	4.67	-19.21	-19.65	1,101.44	977.92	967.65	10.28	95.153	
1,400.00	1,387.25	1,227.73	1,218.45	5.55	4.94	-19.44	-20.92	1,118.71	979.12	968.38	10.74	91.168	
1,500.00	1,485.79	1,327.64	1,316.85	5.87	5.23	-19.67	-22.18	1,135.98	980.34	969.12	11.22	87.349	
1,600.00	1,584.34	1,427.56	1,415.26	6.19	5.53	-19.90	-23.45	1,153.25	981.57	969.85	11.72	83.749	
1,700.00	1,682.88	1,527.47	1,513.66	6.52	5.84	-20.13	-24.72	1,170.51	982.82	970.58	12.24	80.311	
1,800.00	1,781.42	1,627.38	1,612.06	6.85	6.16	-20.36	-25.99	1,187.78	984.08	971.32	12.77	77.080	
1,900.00	1,879.96	1,727.30	1,710.46	7.04	6.48	-20.59	-27.25	1,205.05	985.36	972.40	12.96	76.015	
2,000.00	1,978.50	1,827.21	1,808.87	7.08	6.77	-20.82	-28.52	1,222.32	986.66	973.62	13.04	75.650	
2,100.00	2,077.04	1,927.13	1,907.27	7.13	6.92	-21.04	-29.79	1,239.59	987.97	974.78	13.19	74.928	
2,200.00	2,175.58	2,027.04	2,005.67	7.20	6.96	-21.27	-31.06	1,256.86	989.29	976.03	13.26	74.594	
2,300.00	2,274.12	2,126.96	2,104.07	7.29	7.02	-21.50	-32.32	1,274.13	990.64	977.27	13.37	74.090	
2,400.00	2,372.66	2,226.87	2,202.48	7.39	7.10	-21.72	-33.59	1,291.40	991.99	978.48	13.51	73.427	
2,500.00	2,471.20	2,326.78	2,300.88	7.51	7.19	-21.95	-34.86	1,308.67	993.37	979.69	13.68	72.619	
2,600.00	2,569.74	2,426.70	2,399.28	7.64	7.29	-22.17	-36.13	1,325.94	994.75	980.88	13.88	71.683	
2,700.00	2,668.28	2,526.61	2,497.68	7.78	7.42	-22.40	-37.39	1,343.21	996.16	982.06	14.10	70.635	
2,800.00	2,766.83	2,626.53	2,596.09	7.94	7.55	-22.62	-38.66	1,360.48	997.58	983.22	14.35	69.493	
2,900.00	2,865.37	2,726.44	2,694.49	8.11	7.70	-22.84	-39.93	1,377.74	999.01	984.38	14.63	68.275	
3,000.00	2,963.91	2,826.36	2,792.89	8.28	7.86	-23.06	-41.20	1,395.01	1,000.46	985.53	14.93	66.997	
3,100.00	3,062.45	2,926.27	2,891.29	8.47	8.03	-23.29	-42.46	1,412.28	1,001.92	986.67	15.26	65.674	
3,200.00	3,160.99	3,026.18	2,989.70	8.67	8.21	-23.51	-43.73	1,429.55	1,003.40	987.80	15.60	64.321	
3,300.00	3,259.53	3,126.10	3,088.10	8.88	8.40	-23.73	-45.00	1,446.82	1,004.89	988.93	15.96	62.951	
3,400.00	3,358.07	3,226.01	3,186.50	9.09	8.61	-23.95	-46.27	1,464.09	1,006.40	990.06	16.34	61.573	
3,500.00	3,456.61	3,325.93	3,284.90	9.31	8.82	-24.16	-47.53	1,481.36	1,007.93	991.18	16.74	60.198	
3,600.00	3,555.15	3,425.84	3,383.31	9.54	9.03	-24.38	-48.80	1,498.63	1,009.46	992.31	17.16	58.833	
3,700.00	3,653.69	3,525.76	3,481.71	9.78	9.26	-24.60	-50.07	1,515.90	1,011.02	993.43	17.59	57.485	
3,800.00	3,752.23	3,625.67	3,580.11	10.02	9.49	-24.82	-51.34	1,533.17	1,012.58	994.55	18.03	56.160	
3,900.00	3,850.77	3,725.59	3,678.51	10.27	9.73	-25.03	-52.60	1,550.44	1,014.16	995.68	18.49	54.862	
4,000.00	3,949.31	3,825.50	3,776.92	10.52	9.98	-25.25	-53.87	1,567.71	1,015.76	996.81	18.95	53.593	
4,100.00	4,047.86	3,925.41	3,875.32	10.78	10.23	-25.46	-55.14	1,584.97	1,017.37	997.94	19.43	52.356	
4,200.00	4,146.40	4,025.33	3,973.72	11.05	10.48	-25.68	-56.41	1,602.24	1,018.99	999.07	19.92	51.153	
4,300.00	4,244.94	4,125.24	4,072.12	11.31	10.74	-25.89	-57.67	1,619.51	1,020.63	1,000.21	20.42	49.986	
4,400.00	4,343.48	4,225.16	4,170.53	11.59	11.01	-26.10	-58.94	1,636.78	1,022.29	1,001.36	20.93	48.854	
4,500.00	4,442.02	4,325.07	4,268.93	11.86	11.28	-26.32	-60.21	1,654.05	1,023.95	1,002.51	21.44	47.758	
4,600.00	4,540.56	4,424.99	4,367.33	12.14	11.55	-26.53	-61.48	1,671.32	1,025.63	1,003.67	21.96	46.697	
4,700.00	4,639.10	4,524.90	4,465.73	12.42	11.83	-26.74	-62.74	1,688.59	1,027.33	1,004.83	22.49	45.672	
4,800.00	4,737.64	4,624.81	4,564.14	12.71	12.11	-26.95	-64.01	1,705.86	1,029.04	1,006.01	23.03	44.682	
4,900.00	4,836.18	4,724.73	4,662.54	13.00	12.39	-27.16	-65.28	1,723.13	1,030.76	1,007.19	23.57	43.726	
5,000.00	4,934.72	4,824.64	4,760.94	13.29	12.68	-27.37	-66.55	1,740.40	1,032.49	1,008.37	24.12	42.803	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,924.56	4,859.34	13.58	12.97	-27.57	-67.81	1,757.67	1,034.24	1,009.57	24.68	41.912		
5,200.00	5,131.80	5,024.47	4,957.75	13.87	13.26	-27.78	-69.08	1,774.93	1,036.01	1,010.77	25.24	41.053		
5,300.00	5,230.34	5,124.39	5,056.15	14.17	13.56	-27.99	-70.35	1,792.20	1,037.78	1,011.98	25.80	40.224		
5,400.00	5,328.89	5,224.30	5,154.55	14.47	13.85	-28.19	-71.62	1,809.47	1,039.57	1,013.20	26.37	39.424		
5,500.00	5,427.43	5,324.21	5,252.95	14.77	14.15	-28.40	-72.88	1,826.74	1,041.38	1,014.44	26.94	38.653		
5,600.00	5,525.97	5,424.13	5,351.36	15.08	14.45	-28.60	-74.15	1,844.01	1,043.19	1,015.67	27.52	37.908		
5,700.00	5,624.51	5,524.04	5,449.76	15.38	14.75	-28.81	-75.42	1,861.28	1,045.02	1,016.92	28.10	37.189		
5,800.00	5,723.05	5,623.96	5,548.16	15.69	15.06	-29.01	-76.69	1,878.55	1,046.87	1,018.18	28.68	36.496		
5,900.00	5,821.59	5,723.87	5,646.56	16.00	15.36	-29.21	-77.95	1,895.82	1,048.72	1,019.45	29.27	35.826		
6,000.00	5,920.13	5,823.79	5,744.96	16.31	15.67	-29.41	-79.22	1,913.09	1,050.59	1,020.73	29.86	35.179		
6,100.00	6,018.67	5,923.70	5,843.37	16.62	15.98	-29.61	-80.49	1,930.36	1,052.48	1,022.02	30.46	34.555		
6,200.00	6,117.21	6,023.24	5,941.91	16.93	16.29	-29.81	-81.76	1,947.63	1,054.36	1,023.30	31.06	33.932		
6,300.00	6,215.75	6,123.78	6,040.45	17.24	16.60	-29.99	-83.03	1,964.90	1,056.24	1,024.58	31.66	33.309		
6,400.00	6,314.29	6,223.32	6,138.99	17.56	16.91	-30.17	-84.30	1,982.17	1,058.12	1,025.86	32.26	32.686		
6,500.00	6,412.83	6,322.86	6,237.53	17.87	17.22	-30.35	-85.57	1,999.44	1,060.00	1,027.14	32.86	32.063		
6,600.00	6,511.38	6,421.40	6,336.07	18.19	17.53	-30.53	-86.84	2,016.71	1,061.88	1,028.42	33.46	31.440		
6,700.00	6,609.92	6,520.94	6,434.61	18.51	17.84	-30.71	-88.11	2,034.00	1,063.76	1,029.70	34.06	30.817		
6,800.00	6,708.16	6,620.18	6,533.15	18.84	18.15	-30.89	-89.38	2,051.27	1,065.64	1,030.98	34.66	30.194		
6,900.00	6,803.11	6,715.23	6,631.69	19.25	18.56	-31.07	-90.65	2,068.54	1,067.52	1,032.26	35.26	29.571		
7,000.00	6,892.11	6,805.27	6,730.23	19.76	19.07	-31.25	-91.92	2,085.81	1,069.40	1,033.54	35.86	28.948		
7,100.00	6,972.96	6,887.12	6,809.08	20.36	19.67	-31.43	-93.19	2,103.08	1,071.28	1,034.82	36.46	28.325		
7,200.00	7,043.67	6,957.83	6,879.79	21.07	20.38	-31.61	-94.46	2,120.35	1,073.16	1,036.10	37.06	27.702		
7,300.00	7,102.50	7,016.66	6,938.62	21.87	21.18	-31.79	-95.73	2,137.62	1,075.04	1,037.38	37.66	27.079		
7,311.78	7,108.58	7,022.74	6,944.70	21.98	21.29	-31.81	-95.85	2,139.74	1,075.36	1,037.70	37.78	27.00	6.150 CC, ES, SF	
7,400.00	7,148.01	7,062.17	6,984.13	22.77	22.08	-31.99	-97.00	2,156.99	1,077.24	1,039.02	38.38	26.377		
7,500.00	7,179.07	7,093.23	7,015.19	23.75	23.06	-32.17	-98.27	2,174.26	1,079.12	1,040.30	38.98	25.754		
7,600.00	7,194.92	7,109.08	7,031.04	24.79	24.10	-32.35	-99.54	2,191.53	1,081.00	1,041.58	39.58	25.131		
7,700.00	7,196.79	7,110.95	7,032.91	25.88	25.19	-32.53	-100.81	2,208.80	1,082.88	1,042.86	40.18	24.508		
7,800.00	7,196.31	7,110.47	7,032.43	27.02	26.33	-32.71	-102.08	2,226.07	1,084.76	1,044.14	40.78	23.885		
7,900.00	7,195.84	7,109.99	7,031.95	28.22	27.53	-32.89	-103.35	2,243.34	1,086.64	1,045.42	41.38	23.262		
8,000.00	7,195.36	7,109.51	7,031.47	29.47	28.78	-33.07	-104.62	2,260.61	1,088.52	1,046.70	41.98	22.639		
8,100.00	7,194.89	7,109.04	7,030.99	30.75	29.99	-33.25	-105.89	2,277.88	1,090.40	1,047.98	42.58	22.016		
8,200.00	7,194.41	7,108.56	7,030.51	32.08	31.32	-33.43	-107.16	2,295.15	1,092.28	1,049.26	43.18	21.393		
8,300.00	7,193.93	7,108.08	7,029.99	33.44	32.68	-33.61	-108.43	2,312.42	1,094.16	1,050.54	43.78	20.770		
8,400.00	7,193.46	7,107.61	7,029.52	34.82	34.04	-33.79	-109.70	2,329.69	1,096.04	1,051.82	44.38	20.147		
8,500.00	7,192.98	7,107.13	7,029.04	36.23	35.45	-33.97	-110.97	2,346.96	1,097.92	1,053.10	44.98	19.524		
8,600.00	7,192.51	7,106.66	7,028.57	37.66	36.86	-34.15	-112.24	2,364.23	1,099.80	1,054.38	45.58	18.901		
8,700.00	7,192.03	7,106.18	7,028.09	39.11	38.31	-34.33	-113.51	2,381.50	1,101.68	1,055.66	46.18	18.278		
8,800.00	7,191.56	7,105.71	7,027.62	40.58	39.78	-34.51	-114.78	2,398.77	1,103.56	1,056.94	46.78	17.655		
8,900.00	7,191.08	7,105.23	7,027.14	42.07	41.25	-34.69	-116.05	2,416.04	1,105.44	1,058.22	47.38	17.032		
9,000.00	7,190.61	7,104.76	7,026.67	43.56	42.72	-34.87	-117.32	2,433.31	1,107.32	1,059.50	47.98	16.409		
9,100.00	7,190.13	7,104.28	7,026.19	45.07	44.23	-35.05	-118.59	2,450.58	1,109.20	1,060.78	48.58	15.786		
9,200.00	7,189.66	7,103.81	7,025.72	46.59	45.75	-35.23	-119.86	2,467.85	1,111.08	1,062.06	49.18	15.163		
9,300.00	7,189.18	7,103.33	7,025.24	48.13	47.29	-35.41	-121.13	2,485.12	1,112.96	1,063.34	49.78	14.540		
9,400.00	7,188.70	7,102.86	7,024.77	49.67	48.83	-35.59	-122.40	2,502.39	1,114.84	1,064.62	50.38	13.917		
9,500.00	7,188.23	7,102.38	7,024.29	51.22	50.38	-35.77	-123.67	2,519.66	1,116.72	1,065.90	50.98	13.294		
9,600.00	7,187.75	7,101.91	7,023.82	52.77	51.93	-35.95	-124.94	2,536.93	1,118.60	1,067.18	51.58	12.671		
9,700.00	7,187.28	7,101.43	7,023.34	54.34	53.50	-36.13	-126.21	2,554.20	1,120.48	1,068.46	52.18	12.048		
9,800.00	7,186.80	7,100.96	7,022.87	55.91	55.07	-36.31	-127.48	2,571.47	1,122.36	1,069.74	52.78	11.425		
9,900.00	7,186.33	7,100.48	7,022.39	57.48	56.64	-36.49	-128.75	2,588.74	1,124.24	1,071.02	53.38	10.802		
10,000.00	7,185.85	7,100.01	7,021.92	59.06	58.22	-36.67	-130.02	2,606.01	1,126.12	1,072.30	53.98	10.179		
10,100.00	7,185.38	7,099.53	7,021.44	60.65	59.81	-36.85	-131.29	2,623.28	1,128.00	1,073.58	54.58	9.556		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,750.00	6,658.81	62.24	18.06	-26.56	-91.43	2,011.66	2,264.61	2,228.93	35.68	63.470	
10,300.00	7,184.42	6,730.22	6,639.65	63.83	18.05	-25.79	-91.12	2,016.58	2,360.80	2,325.05	35.74	66.051	
10,400.00	7,183.95	6,725.28	6,634.85	65.43	18.05	-25.60	-91.05	2,017.72	2,457.43	2,421.59	35.85	68.554	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.15	-2.53	979.72	979.73				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	979.72	979.73	972.20	7.53	130.130	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	979.72	979.73	972.15	7.57	129.356	
300.00	299.98	287.91	287.91	3.35	3.34	-17.88	-2.62	979.96	978.37	970.72	7.65	127.861	
400.00	399.84	363.76	363.73	3.41	3.38	-17.93	-3.35	981.83	975.86	968.11	7.75	125.900	
500.00	499.45	439.65	439.52	3.50	3.44	-17.98	-4.82	985.57	972.49	964.61	7.88	123.396	
600.00	598.70	515.60	515.22	3.62	3.51	-18.05	-7.01	991.18	968.27	960.23	8.04	120.371	
700.00	697.47	591.61	590.80	3.77	3.59	-18.12	-9.94	998.67	963.23	954.98	8.24	116.846	
800.00	796.01	667.75	666.27	3.96	3.70	-18.14	-13.60	1,008.04	959.30	950.83	8.47	113.221	
900.00	894.55	743.99	741.55	4.18	3.82	-18.12	-18.00	1,019.29	957.86	949.13	8.73	109.669	
908.33	902.76	750.35	747.81	4.20	3.83	-18.11	-18.40	1,020.32	957.85	949.09	8.76	109.377	
1,000.00	993.09	835.89	831.95	4.42	4.00	-18.05	-23.99	1,034.64	958.35	949.28	9.07	105.668	
1,100.00	1,091.63	935.87	930.30	4.68	4.23	-17.97	-30.56	1,051.45	959.00	949.53	9.46	101.357	
1,200.00	1,190.17	1,035.86	1,028.65	4.96	4.48	-17.89	-37.13	1,068.26	959.64	949.75	9.88	97.081	
1,300.00	1,288.71	1,135.85	1,126.99	5.25	4.75	-17.81	-43.70	1,085.07	960.28	949.95	10.34	92.914	
1,400.00	1,387.25	1,235.84	1,225.34	5.55	5.04	-17.73	-50.28	1,101.88	960.93	950.12	10.81	88.902	
1,500.00	1,485.79	1,335.83	1,323.69	5.87	5.34	-17.66	-56.85	1,118.69	961.58	950.27	11.30	85.067	
1,600.00	1,584.34	1,435.82	1,422.03	6.19	5.66	-17.58	-63.42	1,135.50	962.23	950.42	11.81	81.466	
1,700.00	1,682.88	1,535.81	1,520.38	6.52	5.98	-17.50	-69.99	1,152.32	962.88	950.54	12.34	78.048	
1,800.00	1,781.42	1,635.80	1,618.73	6.85	6.32	-17.42	-76.56	1,169.13	963.53	950.66	12.88	74.837	
1,900.00	1,879.96	1,735.79	1,717.07	7.04	6.66	-17.34	-83.13	1,185.94	964.19	951.11	13.08	73.714	
2,000.00	1,978.50	1,835.78	1,815.42	7.08	6.95	-17.27	-89.70	1,202.75	964.85	951.69	13.16	73.339	
2,100.00	2,077.04	1,935.77	1,913.76	7.13	7.09	-17.19	-96.27	1,219.56	965.51	952.22	13.29	72.655	
2,200.00	2,175.58	2,035.76	2,012.11	7.20	7.13	-17.11	-102.84	1,236.37	966.17	952.80	13.36	72.302	
2,300.00	2,274.12	2,135.75	2,110.46	7.29	7.20	-17.03	-109.41	1,253.19	966.83	953.36	13.47	71.783	
2,400.00	2,372.66	2,235.74	2,208.80	7.39	7.28	-16.96	-115.98	1,270.00	967.49	953.89	13.61	71.110	
2,500.00	2,471.20	2,335.72	2,307.15	7.51	7.38	-16.88	-122.55	1,286.81	968.16	954.39	13.77	70.298	
2,600.00	2,569.74	2,435.71	2,405.50	7.64	7.49	-16.80	-129.12	1,303.62	968.83	954.86	13.97	69.362	
2,700.00	2,668.28	2,535.70	2,503.84	7.78	7.62	-16.72	-135.69	1,320.43	969.50	955.31	14.19	68.319	
2,800.00	2,766.83	2,635.69	2,602.19	7.94	7.76	-16.65	-142.27	1,337.24	970.17	955.73	14.44	67.186	
2,900.00	2,865.37	2,735.68	2,700.54	8.11	7.91	-16.57	-148.84	1,354.05	970.84	956.13	14.71	65.980	
3,000.00	2,963.91	2,835.67	2,798.88	8.28	8.08	-16.49	-155.41	1,370.87	971.52	956.51	15.01	64.718	
3,100.00	3,062.45	2,935.66	2,897.23	8.47	8.26	-16.42	-161.98	1,387.68	972.19	956.86	15.33	63.414	
3,200.00	3,160.99	3,035.65	2,995.58	8.67	8.44	-16.34	-168.55	1,404.49	972.87	957.20	15.67	62.082	
3,300.00	3,259.53	3,135.64	3,093.92	8.88	8.64	-16.26	-175.12	1,421.30	973.55	957.52	16.03	60.734	
3,400.00	3,358.07	3,235.63	3,192.27	9.09	8.85	-16.19	-181.69	1,438.11	974.23	957.83	16.41	59.380	
3,500.00	3,456.61	3,335.62	3,290.62	9.31	9.07	-16.11	-188.26	1,454.92	974.92	958.12	16.80	58.030	
3,600.00	3,555.15	3,435.61	3,388.96	9.54	9.30	-16.04	-194.83	1,471.74	975.60	958.39	17.21	56.691	
3,700.00	3,653.69	3,535.60	3,487.31	9.78	9.53	-15.96	-201.40	1,488.55	976.29	958.66	17.63	55.369	
3,800.00	3,752.23	3,635.59	3,585.66	10.02	9.77	-15.88	-207.97	1,505.36	976.98	958.91	18.07	54.070	
3,900.00	3,850.77	3,735.57	3,684.00	10.27	10.02	-15.81	-214.54	1,522.17	977.67	959.15	18.52	52.798	
4,000.00	3,949.31	3,835.56	3,782.35	10.52	10.27	-15.73	-221.11	1,538.98	978.36	959.38	18.98	51.555	
4,100.00	4,047.86	3,935.55	3,880.70	10.78	10.53	-15.66	-227.68	1,555.79	979.05	959.61	19.45	50.343	
4,200.00	4,146.40	4,035.54	3,979.04	11.05	10.79	-15.58	-234.25	1,572.60	979.75	959.82	19.93	49.166	
4,300.00	4,244.94	4,135.53	4,077.39	11.31	11.06	-15.51	-240.83	1,589.42	980.45	960.03	20.42	48.022	
4,400.00	4,343.48	4,235.52	4,175.74	11.59	11.34	-15.43	-247.40	1,606.23	981.15	960.23	20.91	46.913	
4,500.00	4,442.02	4,335.51	4,274.08	11.86	11.61	-15.36	-253.97	1,623.04	981.85	960.43	21.42	45.840	
4,600.00	4,540.56	4,435.50	4,372.43	12.14	11.90	-15.28	-260.54	1,639.85	982.55	960.62	21.93	44.801	
4,700.00	4,639.10	4,535.49	4,470.78	12.42	12.18	-15.21	-267.11	1,656.66	983.25	960.80	22.45	43.797	
4,800.00	4,737.64	4,635.48	4,569.12	12.71	12.47	-15.13	-273.68	1,673.47	983.96	960.98	22.98	42.827	
4,900.00	4,836.18	4,735.47	4,667.47	13.00	12.76	-15.06	-280.25	1,690.29	984.67	961.16	23.51	41.890	
5,000.00	4,934.72	4,835.46	4,765.82	13.29	13.06	-14.98	-286.82	1,707.10	985.37	961.33	24.04	40.986	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,935.45	4,864.16	13.58	13.36	-14.91	-293.39	1,723.91	986.09	961.50	24.58	40.113		
5,200.00	5,131.80	5,035.43	4,962.51	13.87	13.66	-14.83	-299.96	1,740.72	986.80	961.67	25.13	39.270		
5,300.00	5,230.34	5,135.42	5,060.86	14.17	13.96	-14.76	-306.53	1,757.53	987.51	961.83	25.68	38.457		
5,400.00	5,328.89	5,235.41	5,159.20	14.47	14.26	-14.69	-313.10	1,774.34	988.23	961.99	26.23	37.672		
5,500.00	5,427.43	5,335.40	5,257.55	14.77	14.57	-14.61	-319.67	1,791.15	988.94	962.15	26.79	36.914		
5,600.00	5,525.97	5,435.39	5,355.90	15.08	14.88	-14.54	-326.24	1,807.97	989.66	962.31	27.35	36.183		
5,700.00	5,624.51	5,535.38	5,454.24	15.38	15.19	-14.46	-332.82	1,824.78	990.38	962.47	27.92	35.477		
5,800.00	5,723.05	5,635.37	5,552.59	15.69	15.50	-14.39	-339.39	1,841.59	991.11	962.62	28.48	34.796		
5,900.00	5,821.59	5,735.36	5,650.94	16.00	15.82	-14.32	-345.96	1,858.40	991.83	962.78	29.05	34.137		
6,000.00	5,920.13	5,835.35	5,749.28	16.31	16.13	-14.24	-352.53	1,875.21	992.56	962.93	29.63	33.502		
6,100.00	6,018.67	5,935.34	5,847.63	16.62	16.45	-14.17	-359.10	1,892.02	993.28	963.08	30.20	32.887		
6,200.00	6,117.21	6,035.33	5,945.98	16.93	16.77	-14.10	-365.67	1,908.84	994.01	963.23	30.78	32.293		
6,300.00	6,215.75	6,102.61	6,043.99	17.24	17.07	-14.03	-372.24	1,925.65	994.74	963.38	31.36	31.700		
6,400.00	6,314.29	6,083.69	6,024.97	17.56	17.39	-13.96	-378.81	1,942.46	995.47	963.53	31.94	31.107		
6,500.00	6,412.83	6,064.77	6,006.05	17.87	17.70	-13.89	-385.38	1,959.27	996.20	963.68	32.52	30.514		
6,600.00	6,511.38	6,045.85	6,000.00	18.19	18.01	-13.82	-391.95	1,976.08	996.93	963.83	33.10	29.921		
6,700.00	6,609.92	6,026.94	6,000.00	18.51	18.33	-13.75	-398.52	1,992.89	997.66	963.98	33.68	29.328		
6,800.00	6,708.16	6,006.47	6,000.00	18.84	18.66	-13.68	-405.09	2,009.70	998.39	964.13	34.26	28.735		
6,900.00	6,803.11	6,000.00	6,000.00	19.16	18.98	-13.61	-411.66	2,026.51	999.12	964.28	34.84	28.142		
7,000.00	6,892.11	6,000.00	6,000.00	19.48	19.30	-13.54	-418.23	2,043.32	1,000.00	964.43	35.42	27.549		
7,100.00	6,972.96	6,000.00	6,000.00	19.80	19.62	-13.47	-424.80	2,060.13	1,000.00	964.58	36.00	26.956		
7,200.00	7,043.67	6,000.00	6,000.00	20.12	19.94	-13.40	-431.37	2,076.94	1,000.00	964.73	36.58	26.363		
7,300.00	7,102.50	6,000.00	6,000.00	20.44	20.26	-13.33	-437.94	2,093.75	1,000.00	964.88	37.16	25.770		
7,400.00	7,148.01	6,000.00	6,000.00	20.76	20.58	-13.26	-444.51	2,110.56	1,000.00	965.03	37.74	25.177		
7,500.00	7,179.07	6,000.00	6,000.00	21.08	20.90	-13.19	-451.08	2,127.37	1,000.00	965.18	38.32	24.584		
7,500.19	7,179.12	6,000.00	6,000.00	21.40	21.22	-13.12	-457.65	2,144.18	1,000.00	965.33	38.90	23.991	1.786 CC, ES, SF	
7,600.00	7,194.92	6,000.00	6,000.00	21.72	21.54	-13.05	-464.22	2,160.99	1,000.00	965.48	39.48	23.398		
7,700.00	7,196.79	6,000.00	6,000.00	22.04	21.86	-12.98	-470.79	2,177.80	1,000.00	965.63	40.06	22.805		
7,800.00	7,196.31	6,000.00	6,000.00	22.36	22.18	-12.91	-477.36	2,194.61	1,000.00	965.78	40.64	22.212		
7,900.00	7,195.84	6,000.00	6,000.00	22.68	22.50	-12.84	-483.93	2,211.42	1,000.00	965.93	41.22	21.619		
8,000.00	7,195.36	6,000.00	6,000.00	23.00	22.82	-12.77	-490.50	2,228.23	1,000.00	966.08	41.80	21.026		
8,100.00	7,194.89	6,000.00	6,000.00	23.32	23.14	-12.70	-497.07	2,245.04	1,000.00	966.23	42.38	20.433		
8,200.00	7,194.41	6,000.00	6,000.00	23.64	23.46	-12.63	-503.64	2,261.85	1,000.00	966.38	42.96	19.840		
8,300.00	7,193.93	6,000.00	6,000.00	23.96	23.78	-12.56	-510.21	2,278.66	1,000.00	966.53	43.54	19.247		
8,400.00	7,193.46	6,000.00	6,000.00	24.28	24.10	-12.49	-516.78	2,295.47	1,000.00	966.68	44.12	18.654		
8,500.00	7,192.98	6,000.00	6,000.00	24.60	24.42	-12.42	-523.35	2,312.28	1,000.00	966.83	44.70	18.061		
8,600.00	7,192.51	6,000.00	6,000.00	24.92	24.74	-12.35	-529.92	2,329.09	1,000.00	966.98	45.28	17.468		
8,700.00	7,192.03	6,000.00	6,000.00	25.24	25.06	-12.28	-536.49	2,345.90	1,000.00	967.13	45.86	16.875		
8,800.00	7,191.56	6,000.00	6,000.00	25.56	25.38	-12.21	-543.06	2,362.71	1,000.00	967.28	46.44	16.282		
8,900.00	7,191.08	6,000.00	6,000.00	25.88	25.70	-12.14	-549.63	2,379.52	1,000.00	967.43	47.02	15.689		
9,000.00	7,190.61	6,000.00	6,000.00	26.20	26.02	-12.07	-556.20	2,396.33	1,000.00	967.58	47.60	15.096		
9,100.00	7,190.13	6,000.00	6,000.00	26.52	26.34	-12.00	-562.77	2,413.14	1,000.00	967.73	48.18	14.503		
9,200.00	7,189.66	6,000.00	6,000.00	26.84	26.66	-11.93	-569.34	2,429.95	1,000.00	967.88	48.76	13.910		
9,300.00	7,189.18	6,000.00	6,000.00	27.16	26.98	-11.86	-575.91	2,446.76	1,000.00	968.03	49.34	13.317		
9,400.00	7,188.70	6,000.00	6,000.00	27.48	27.30	-11.79	-582.48	2,463.57	1,000.00	968.18	49.92	12.724		
9,500.00	7,188.23	6,000.00	6,000.00	27.80	27.62	-11.72	-589.05	2,480.38	1,000.00	968.33	50.50	12.131		
9,600.00	7,187.75	6,000.00	6,000.00	28.12	27.94	-11.65	-595.62	2,497.19	1,000.00	968.48	51.08	11.538		
9,700.00	7,187.28	6,000.00	6,000.00	28.44	28.26	-11.58	-602.19	2,514.00	1,000.00	968.63	51.66	10.945		
9,800.00	7,186.80	6,000.00	6,000.00	28.76	28.58	-11.51	-608.76	2,530.81	1,000.00	968.78	52.24	10.352		
9,900.00	7,186.33	6,000.00	6,000.00	29.08	28.90	-11.44	-615.33	2,547.62	1,000.00	968.93	52.82	9.759		
10,000.00	7,185.85	6,000.00	6,000.00	29.40	29.22	-11.37	-621.90	2,564.43	1,000.00	969.08	53.40	9.166		
10,100.00	7,185.38	6,000.00	6,000.00	29.72	29.54	-11.30	-628.47	2,581.24	1,000.00	969.23	53.98	8.573		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,800.00	6,699.98	62.24	18.78	6.38	-415.00	1,987.38	2,264.11	2,227.22	36.89	61.373	
10,300.00	7,184.42	6,800.00	6,699.98	63.83	18.78	6.38	-415.00	1,987.38	2,361.76	2,324.75	37.01	63.810	
10,400.00	7,183.95	6,800.00	6,699.98	65.43	18.78	6.38	-415.00	1,987.38	2,459.60	2,422.46	37.13	66.240	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-90.00	0.00	-40.09	40.09				
100.00	100.00	101.00	101.00	3.28	3.28	-90.00	0.00	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	201.00	201.00	3.31	3.31	-90.00	0.00	-40.09	40.09	32.52	7.57	5.293 CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	162.73	0.00	-40.09	41.75	34.09	7.66	5.450	
400.00	399.84	400.84	400.84	3.41	3.42	164.61	0.00	-40.09	46.78	38.99	7.79	6.003	
500.00	499.45	500.45	500.45	3.50	3.50	166.97	0.00	-40.09	55.23	47.26	7.97	6.932	
600.00	598.70	600.30	599.70	3.62	3.61	169.27	0.00	-40.09	67.16	58.97	8.19	8.204	
700.00	697.47	701.53	698.47	3.77	3.74	171.24	0.00	-40.09	82.57	74.12	8.45	9.767	
800.00	796.01	802.99	797.01	3.96	3.88	172.74	0.00	-40.09	99.43	90.69	8.74	11.374	
900.00	894.55	895.55	895.55	4.18	4.02	173.80	0.00	-40.09	116.34	107.29	9.05	12.858	
1,000.00	993.09	998.51	998.49	4.42	4.18	174.79	0.03	-38.40	131.70	122.32	9.38	14.041	
1,100.00	1,091.63	1,102.61	1,102.45	4.68	4.35	175.96	0.11	-32.93	143.63	133.91	9.73	14.769	
1,200.00	1,190.17	1,207.42	1,206.83	4.96	4.53	177.33	0.24	-23.61	152.12	142.03	10.09	15.073	
1,300.00	1,288.71	1,312.64	1,311.21	5.25	4.74	178.98	0.44	-10.43	157.19	146.71	10.48	15.000	
1,400.00	1,387.25	1,418.00	1,415.18	5.55	4.98	-179.03	0.69	6.61	158.90	148.02	10.89	14.598	
1,500.00	1,485.79	1,519.76	1,515.08	5.87	5.23	-176.75	0.98	25.97	158.08	146.75	11.33	13.952	
1,600.00	1,584.34	1,619.56	1,613.01	6.19	5.50	-174.46	1.27	45.20	157.29	145.49	11.81	13.320	
1,700.00	1,682.88	1,719.36	1,710.94	6.52	5.79	-172.16	1.55	64.43	156.76	144.45	12.31	12.734	
1,800.00	1,781.42	1,819.16	1,808.87	6.85	6.06	-169.84	1.84	83.66	156.48	143.84	12.64	12.382	
1,858.24	1,838.80	1,877.27	1,865.90	6.96	6.15	-168.49	2.00	94.86	156.44	143.84	12.60	12.420	
1,900.00	1,879.96	1,918.95	1,906.79	7.04	6.20	-167.52	2.12	102.89	156.46	143.76	12.70	12.324	
2,000.00	1,978.50	2,018.75	2,004.72	7.08	6.24	-165.20	2.41	122.11	156.70	143.93	12.76	12.277	
2,100.00	2,077.04	2,118.55	2,102.65	7.13	6.30	-162.89	2.69	141.34	157.19	144.32	12.87	12.213	
2,200.00	2,175.58	2,218.35	2,200.58	7.20	6.38	-160.60	2.98	160.57	157.94	144.92	13.02	12.134	
2,300.00	2,274.12	2,318.15	2,298.50	7.29	6.48	-158.34	3.26	179.80	158.93	145.74	13.20	12.042	
2,400.00	2,372.66	2,417.94	2,396.43	7.39	6.59	-156.10	3.55	199.03	160.18	146.76	13.42	11.938	
2,500.00	2,471.20	2,517.74	2,494.36	7.51	6.73	-153.91	3.83	218.26	161.66	147.99	13.67	11.826	
2,600.00	2,569.74	2,617.54	2,592.29	7.64	6.88	-151.76	4.12	237.48	163.38	149.42	13.96	11.707	
2,700.00	2,668.28	2,717.34	2,690.21	7.78	7.04	-149.65	4.40	256.71	165.33	151.05	14.27	11.583	
2,800.00	2,766.83	2,817.14	2,788.14	7.94	7.22	-147.60	4.69	275.94	167.49	152.87	14.62	11.457	
2,900.00	2,865.37	2,916.93	2,886.07	8.11	7.41	-145.60	4.97	295.17	169.86	154.87	14.99	11.330	
3,000.00	2,963.91	3,016.73	2,984.00	8.28	7.61	-143.66	5.26	314.40	172.44	157.05	15.39	11.204	
3,100.00	3,062.45	3,116.53	3,081.93	8.47	7.82	-141.77	5.54	333.63	175.21	159.39	15.81	11.080	
3,200.00	3,160.99	3,216.33	3,179.85	8.67	8.04	-139.95	5.83	352.85	178.16	161.90	16.26	10.960	
3,300.00	3,259.53	3,316.12	3,277.78	8.88	8.28	-138.19	6.11	372.08	181.28	164.56	16.72	10.844	
3,400.00	3,358.07	3,415.92	3,375.71	9.09	8.52	-136.49	6.40	391.31	184.57	167.38	17.20	10.732	
3,500.00	3,456.61	3,515.72	3,473.64	9.31	8.77	-134.85	6.69	410.54	188.02	170.33	17.70	10.626	
3,600.00	3,555.15	3,615.52	3,571.56	9.54	9.02	-133.27	6.97	429.77	191.62	173.41	18.21	10.525	
3,700.00	3,653.69	3,715.32	3,669.49	9.78	9.29	-131.75	7.26	449.00	195.36	176.63	18.73	10.429	
3,800.00	3,752.23	3,815.11	3,767.42	10.02	9.55	-130.29	7.54	468.22	199.23	179.96	19.27	10.339	
3,900.00	3,850.77	3,914.91	3,865.35	10.27	9.83	-128.88	7.83	487.45	203.23	183.41	19.82	10.254	
4,000.00	3,949.31	4,014.71	3,963.27	10.52	10.11	-127.53	8.11	506.68	207.34	186.96	20.38	10.175	
4,100.00	4,047.86	4,114.51	4,061.20	10.78	10.39	-126.23	8.40	525.91	211.56	190.62	20.95	10.100	
4,200.00	4,146.40	4,214.31	4,159.13	11.05	10.68	-124.98	8.68	545.14	215.89	194.37	21.52	10.031	
4,300.00	4,244.94	4,314.10	4,257.06	11.31	10.97	-123.79	8.97	564.37	220.32	198.21	22.11	9.966	
4,400.00	4,343.48	4,413.90	4,354.98	11.59	11.27	-122.64	9.25	583.59	224.84	202.14	22.70	9.905	
4,500.00	4,442.02	4,513.70	4,452.91	11.86	11.57	-121.53	9.54	602.82	229.44	206.15	23.30	9.848	
4,600.00	4,540.56	4,613.50	4,550.84	12.14	11.87	-120.47	9.82	622.05	234.13	210.23	23.90	9.796	
4,700.00	4,639.10	4,713.30	4,648.77	12.42	12.17	-119.45	10.11	641.28	238.90	214.38	24.51	9.746	
4,800.00	4,737.64	4,813.09	4,746.70	12.71	12.48	-118.48	10.39	660.51	243.73	218.61	25.13	9.701	
4,900.00	4,836.18	4,912.89	4,844.62	13.00	12.79	-117.54	10.68	679.73	248.64	222.89	25.74	9.658	
5,000.00	4,934.72	5,012.69	4,942.55	13.29	13.11	-116.63	10.96	698.96	253.61	227.24	26.37	9.618	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,033.26	5,112.49	5,040.48	13.58	13.42	-115.76	11.25	718.19	258.64	231.64	27.00	9.581	
5,200.00	5,131.80	5,212.29	5,138.41	13.87	13.74	-114.93	11.53	737.42	263.73	236.10	27.63	9.546	
5,300.00	5,230.34	5,312.08	5,236.33	14.17	14.06	-114.12	11.82	756.65	268.87	240.61	28.26	9.514	
5,400.00	5,328.89	5,411.88	5,334.26	14.47	14.38	-113.35	12.10	775.88	274.06	245.16	28.90	9.484	
5,500.00	5,427.43	5,511.68	5,432.19	14.77	14.70	-112.61	12.39	795.10	279.30	249.76	29.54	9.456	
5,600.00	5,525.97	5,611.48	5,530.12	15.08	15.02	-111.89	12.68	814.33	284.59	254.41	30.18	9.429	
5,700.00	5,624.51	5,711.28	5,628.04	15.38	15.35	-111.20	12.96	833.56	289.91	259.09	30.83	9.405	
5,800.00	5,723.05	5,811.07	5,725.97	15.69	15.67	-110.53	13.25	852.79	295.28	263.81	31.47	9.382	
5,900.00	5,821.59	5,910.87	5,823.90	16.00	16.00	-109.89	13.53	872.02	300.69	268.57	32.12	9.361	
6,000.00	5,920.13	6,010.67	5,921.83	16.31	16.33	-109.27	13.82	891.25	306.14	273.36	32.77	9.341	
6,100.00	6,018.67	6,110.47	6,019.75	16.62	16.66	-108.67	14.10	910.47	311.61	278.19	33.43	9.322	
6,200.00	6,117.21	6,210.27	6,117.68	16.93	16.99	-108.10	14.39	929.70	317.12	283.04	34.08	9.304	
6,300.00	6,215.75	6,310.06	6,215.61	17.24	17.32	-107.54	14.67	948.93	322.67	287.93	34.74	9.288	
6,400.00	6,314.29	6,409.86	6,313.54	17.56	17.66	-107.00	14.96	968.16	328.24	292.84	35.40	9.272	
6,500.00	6,412.83	6,509.66	6,411.47	17.87	17.99	-106.48	15.24	987.39	333.84	297.78	36.06	9.258	
6,600.00	6,511.38	6,609.46	6,509.39	18.19	18.33	-105.98	15.53	1,006.62	339.46	302.74	36.72	9.244	
6,700.00	6,609.92	6,709.26	6,607.32	18.51	18.66	-105.49	15.81	1,025.84	345.11	307.73	37.38	9.232	
6,800.00	6,708.16	6,809.07	6,705.26	18.84	19.00	-99.80	16.10	1,045.07	350.70	312.65	38.05	9.217	
6,900.00	6,803.11	6,908.12	6,802.46	19.25	19.33	-96.23	16.38	1,064.16	355.73	317.01	38.71	9.188	
7,000.00	6,892.11	7,006.93	6,897.27	19.76	19.73	-96.55	16.69	1,091.64	361.06	321.57	39.49	9.142	
7,100.00	6,972.96	7,108.83	6,989.39	20.36	20.27	-97.82	17.05	1,134.94	366.92	326.43	40.49	9.062	
7,200.00	7,043.67	7,214.01	7,075.98	21.07	20.94	-99.44	17.46	1,194.43	373.08	331.35	41.73	8.941	
7,300.00	7,102.50	7,322.63	7,153.87	21.87	21.77	-101.15	17.91	1,269.95	379.23	336.03	43.20	8.778	
7,400.00	7,148.01	7,434.73	7,219.60	22.77	22.76	-102.81	18.39	1,360.58	385.02	340.10	44.92	8.571	
7,500.00	7,179.07	7,550.16	7,269.61	23.75	23.91	-104.32	18.89	1,464.43	390.05	343.17	46.88	8.320	
7,600.00	7,194.92	7,668.56	7,300.60	24.79	25.20	-105.62	19.38	1,578.54	393.93	344.87	49.06	8.030	
7,700.00	7,196.79	7,787.86	7,309.97	25.88	26.56	-106.46	19.84	1,697.29	395.96	344.55	51.41	7.702	
7,800.00	7,196.31	7,887.86	7,309.55	27.02	27.74	-106.45	20.21	1,797.29	396.24	342.55	53.69	7.381	
7,900.00	7,195.84	7,987.86	7,309.14	28.22	28.97	-106.45	20.58	1,897.29	396.51	340.45	56.06	7.073	
8,000.00	7,195.36	8,087.86	7,308.72	29.47	30.25	-106.45	20.95	1,997.28	396.78	338.27	58.51	6.781	
8,100.00	7,194.89	8,187.86	7,308.30	30.75	31.56	-106.45	21.32	2,097.28	397.05	336.01	61.04	6.504	
8,200.00	7,194.41	8,287.86	7,307.88	32.08	32.90	-106.44	21.69	2,197.28	397.33	333.69	63.64	6.243	
8,300.00	7,193.93	8,387.86	7,307.47	33.44	34.28	-106.44	22.06	2,297.28	397.60	331.31	66.29	5.998	
8,400.00	7,193.46	8,487.86	7,307.05	34.82	35.68	-106.44	22.43	2,397.28	397.87	328.88	68.99	5.767	
8,500.00	7,192.98	8,587.86	7,306.63	36.23	37.10	-106.43	22.80	2,497.28	398.15	326.40	71.74	5.550	
8,600.00	7,192.51	8,687.86	7,306.21	37.66	38.54	-106.43	23.17	2,597.27	398.42	323.89	74.53	5.346	
8,700.00	7,192.03	8,787.86	7,305.80	39.11	40.00	-106.43	23.54	2,697.27	398.69	321.34	77.36	5.154	
8,800.00	7,191.56	8,887.86	7,305.38	40.58	41.48	-106.43	23.91	2,797.27	398.96	318.75	80.21	4.974	
8,900.00	7,191.08	8,987.86	7,304.96	42.07	42.97	-106.42	24.28	2,897.27	399.24	316.14	83.10	4.804	
9,000.00	7,190.61	9,087.86	7,304.55	43.56	44.47	-106.42	24.65	2,997.27	399.51	313.50	86.01	4.645	
9,100.00	7,190.13	9,187.86	7,304.13	45.07	45.99	-106.42	25.02	3,097.26	399.78	310.84	88.94	4.495	
9,200.00	7,189.66	9,287.86	7,303.71	46.59	47.51	-106.41	25.39	3,197.26	400.06	308.16	91.89	4.353	
9,300.00	7,189.18	9,387.85	7,303.29	48.13	49.05	-106.41	25.76	3,297.26	400.33	305.46	94.87	4.220	
9,400.00	7,188.70	9,487.85	7,302.88	49.67	50.59	-106.41	26.13	3,397.26	400.60	302.74	97.86	4.094	
9,500.00	7,188.23	9,587.85	7,302.46	51.22	52.15	-106.41	26.50	3,497.26	400.87	300.01	100.86	3.974	
9,600.00	7,187.75	9,687.85	7,302.04	52.77	53.71	-106.40	26.87	3,597.25	401.15	297.26	103.89	3.861	
9,700.00	7,187.28	9,787.85	7,301.63	54.34	55.27	-106.40	27.24	3,697.25	401.42	294.50	106.92	3.754	
9,800.00	7,186.80	9,887.85	7,301.21	55.91	56.84	-106.40	27.61	3,797.25	401.69	291.73	109.96	3.653	
9,900.00	7,186.33	9,987.85	7,300.79	57.48	58.42	-106.40	27.98	3,897.25	401.97	288.94	113.02	3.557	
10,000.00	7,185.85	10,087.85	7,300.37	59.06	60.00	-106.39	28.35	3,997.25	402.24	286.15	116.09	3.465	
10,100.00	7,185.38	10,187.85	7,299.96	60.65	61.59	-106.39	28.71	4,097.24	402.51	283.35	119.16	3.378	
10,200.00	7,184.90	10,287.85	7,299.54	62.24	63.18	-106.39	29.08	4,197.24	402.78	280.54	122.25	3.295	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,184.42	10,387.85	7,299.12	63.83	64.78	-106.38	29.45	4,297.24	403.06	277.72	125.34	3.216	
10,400.00	7,183.95	10,487.85	7,298.70	65.43	66.38	-106.38	29.82	4,397.24	403.33	274.89	128.44	3.140	
10,500.00	7,183.47	10,587.85	7,298.29	67.04	67.98	-106.38	30.19	4,497.24	403.60	272.05	131.55	3.068	
10,600.00	7,183.00	10,687.85	7,297.87	68.64	69.59	-106.38	30.56	4,597.23	403.88	269.21	134.66	2.999	
10,700.00	7,182.52	10,787.85	7,297.45	70.25	71.20	-106.37	30.93	4,697.23	404.15	266.36	137.78	2.933	
10,800.00	7,182.05	10,887.85	7,297.04	71.86	72.81	-106.37	31.30	4,797.23	404.42	263.51	140.91	2.870	
10,900.00	7,181.57	10,987.85	7,296.62	73.48	74.43	-106.37	31.67	4,897.23	404.69	260.65	144.04	2.810	
11,000.00	7,181.10	11,087.85	7,296.20	75.09	76.04	-106.36	32.04	4,997.23	404.97	257.79	147.18	2.752	
11,100.00	7,180.62	11,187.85	7,295.78	76.71	77.66	-106.36	32.41	5,097.23	405.24	254.92	150.32	2.696	
11,200.00	7,180.15	11,287.85	7,295.37	78.33	79.28	-106.36	32.78	5,197.22	405.51	252.05	153.46	2.642	
11,300.00	7,179.67	11,387.85	7,294.95	79.96	80.91	-106.36	33.15	5,297.22	405.79	249.18	156.61	2.591	
11,400.00	7,179.19	11,487.85	7,294.53	81.58	82.53	-106.35	33.52	5,397.22	406.06	246.30	159.76	2.542	
11,500.00	7,178.72	11,587.85	7,294.12	83.21	84.16	-106.35	33.89	5,497.22	406.33	243.41	162.92	2.494	
11,600.00	7,178.24	11,687.85	7,293.70	84.84	85.79	-106.35	34.26	5,597.22	406.60	240.53	166.08	2.448	
11,700.00	7,177.77	11,787.85	7,293.28	86.47	87.42	-106.35	34.63	5,697.21	406.88	237.64	169.24	2.404	
11,800.00	7,177.29	11,887.85	7,292.86	88.11	89.06	-106.34	35.00	5,797.21	407.15	234.74	172.41	2.362	
11,900.00	7,176.82	11,987.85	7,292.45	89.74	90.69	-106.34	35.37	5,897.21	407.42	231.85	175.58	2.320	
12,000.00	7,176.34	12,087.84	7,292.03	91.38	92.33	-106.34	35.74	5,997.21	407.70	228.95	178.75	2.281	
12,100.00	7,175.87	12,187.84	7,291.61	93.01	93.96	-106.34	36.11	6,097.21	407.97	226.05	181.92	2.243	
12,200.00	7,175.39	12,287.84	7,291.19	94.65	95.60	-106.33	36.48	6,197.20	408.24	223.14	185.10	2.206	
12,300.00	7,174.91	12,387.84	7,290.78	96.29	97.24	-106.33	36.85	6,297.20	408.51	220.24	188.28	2.170	
12,400.00	7,174.44	12,487.84	7,290.36	97.93	98.88	-106.33	37.22	6,397.20	408.79	217.33	191.46	2.135	
12,500.00	7,173.96	12,587.84	7,289.94	99.57	100.52	-106.32	37.59	6,497.20	409.06	214.42	194.64	2.102	
12,600.00	7,173.49	12,687.84	7,289.53	101.21	102.16	-106.32	37.96	6,597.20	409.33	211.51	197.83	2.069	
12,700.00	7,173.01	12,787.84	7,289.11	102.86	103.81	-106.32	38.33	6,697.19	409.61	208.59	201.01	2.038	
12,800.00	7,172.54	12,887.84	7,288.69	104.50	105.45	-106.32	38.70	6,797.19	409.88	205.67	204.20	2.007	
12,900.00	7,172.06	12,987.84	7,288.27	106.15	107.10	-106.31	39.07	6,897.19	410.15	202.76	207.40	1.978	
13,000.00	7,171.59	13,087.84	7,287.86	107.79	108.74	-106.31	39.44	6,997.19	410.42	199.84	210.59	1.949	
13,100.00	7,171.11	13,187.84	7,287.44	109.44	110.39	-106.31	39.81	7,097.19	410.70	196.92	213.78	1.921	
13,200.00	7,170.64	13,287.84	7,287.02	111.09	112.04	-106.31	40.18	7,197.18	410.97	193.99	216.98	1.894	
13,300.00	7,170.16	13,387.84	7,286.61	112.74	113.68	-106.30	40.55	7,297.18	411.24	191.07	220.18	1.868	
13,400.00	7,169.68	13,487.84	7,286.19	114.39	115.33	-106.30	40.92	7,397.18	411.52	188.14	223.37	1.842	
13,500.00	7,169.21	13,587.84	7,285.77	116.04	116.98	-106.30	41.29	7,497.18	411.79	185.21	226.57	1.817	
13,600.00	7,168.73	13,687.84	7,285.35	117.69	118.63	-106.29	41.66	7,597.18	412.06	182.29	229.78	1.793	
13,700.00	7,168.26	13,787.84	7,284.94	119.34	120.28	-106.29	42.03	7,697.17	412.33	179.36	232.98	1.770	
13,800.00	7,167.78	13,887.84	7,284.52	120.99	121.94	-106.29	42.40	7,797.17	412.61	176.43	236.18	1.747	
13,900.00	7,167.31	13,987.84	7,284.10	122.64	123.59	-106.29	42.77	7,897.17	412.88	173.49	239.39	1.725	
14,000.00	7,166.83	14,087.84	7,283.68	124.29	125.24	-106.28	43.14	7,997.17	413.15	170.56	242.59	1.703	
14,100.00	7,166.36	14,187.84	7,283.27	125.95	126.89	-106.28	43.51	8,097.17	413.43	167.63	245.80	1.682	
14,200.00	7,165.88	14,287.84	7,282.85	127.60	128.55	-106.28	43.88	8,197.17	413.70	164.69	249.01	1.661	
14,300.00	7,165.40	14,387.84	7,282.43	129.26	130.20	-106.28	44.25	8,297.16	413.97	161.75	252.22	1.641	
14,400.00	7,164.93	14,487.84	7,282.02	130.91	131.86	-106.27	44.62	8,397.16	414.25	158.82	255.43	1.622	
14,500.00	7,164.45	14,587.84	7,281.60	132.57	133.51	-106.27	44.99	8,497.16	414.52	155.88	258.64	1.603	
14,600.00	7,163.98	14,687.84	7,281.18	134.22	135.17	-106.27	45.36	8,597.16	414.79	152.94	261.85	1.584	
14,700.00	7,163.50	14,787.83	7,280.76	135.88	136.82	-106.27	45.73	8,697.16	415.06	150.00	265.06	1.566	
14,800.00	7,163.03	14,887.83	7,280.35	137.54	138.48	-106.26	46.10	8,797.15	415.34	147.06	268.28	1.548	
14,900.00	7,162.55	14,987.83	7,279.93	139.19	140.13	-106.26	46.47	8,897.15	415.61	144.12	271.49	1.531	
15,000.00	7,162.08	15,087.83	7,279.51	140.85	141.79	-106.26	46.84	8,997.15	415.88	141.17	274.71	1.514	
15,100.00	7,161.60	15,187.83	7,279.10	142.51	143.45	-106.26	47.21	9,097.15	416.16	138.23	277.92	1.497 Level 3	
15,200.00	7,161.13	15,287.83	7,278.68	144.17	145.11	-106.25	47.58	9,197.15	416.43	135.29	281.14	1.481 Level 3	
15,300.00	7,160.65	15,387.83	7,278.26	145.82	146.76	-106.25	47.95	9,297.14	416.70	132.34	284.36	1.465 Level 3	
15,400.00	7,160.17	15,487.83	7,277.84	147.48	148.42	-106.25	48.32	9,397.14	416.97	129.40	287.58	1.450 Level 3	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,587.83	7,277.43	149.14	150.08	-106.25	48.69	9,497.14	417.25	126.45	290.80	1.435	Level 3
15,600.00	7,159.22	15,687.83	7,277.01	150.80	151.74	-106.24	49.06	9,597.14	417.52	123.50	294.02	1.420	Level 3
15,700.00	7,158.75	15,787.83	7,276.59	152.46	153.40	-106.24	49.43	9,697.14	417.79	120.56	297.24	1.406	Level 3
15,800.00	7,158.27	15,887.83	7,276.17	154.12	155.06	-106.24	49.80	9,797.13	418.07	117.61	300.46	1.391	Level 3
15,900.00	7,157.80	15,987.83	7,275.76	155.78	156.72	-106.23	50.17	9,897.13	418.34	114.66	303.68	1.378	Level 3
16,000.00	7,157.32	16,087.83	7,275.34	157.44	158.38	-106.23	50.54	9,997.13	418.61	111.71	306.90	1.364	Level 3
16,100.00	7,156.85	16,187.83	7,274.92	159.10	160.04	-106.23	50.91	10,097.13	418.88	108.76	310.12	1.351	Level 3
16,200.00	7,156.37	16,287.83	7,274.51	160.76	161.70	-106.23	51.28	10,197.13	419.16	105.81	313.34	1.338	Level 3
16,300.00	7,155.89	16,387.83	7,274.09	162.42	163.36	-106.22	51.65	10,297.12	419.43	102.86	316.57	1.325	Level 3
16,400.00	7,155.42	16,487.83	7,273.67	164.08	165.02	-106.22	52.02	10,397.12	419.70	99.91	319.79	1.312	Level 3
16,500.00	7,154.94	16,587.83	7,273.25	165.75	166.68	-106.22	52.39	10,497.12	419.98	96.96	323.02	1.300	Level 3
16,600.00	7,154.47	16,687.83	7,272.84	167.41	168.34	-106.22	52.76	10,597.12	420.25	94.01	326.24	1.288	Level 3
16,700.00	7,153.99	16,787.83	7,272.42	169.07	170.01	-106.21	53.13	10,697.12	420.52	91.05	329.47	1.276	Level 3
16,800.00	7,153.52	16,887.83	7,272.00	170.73	171.67	-106.21	53.50	10,797.12	420.79	88.10	332.69	1.265	Level 3
16,900.00	7,153.04	16,987.83	7,271.59	172.39	173.33	-106.21	53.87	10,897.11	421.07	85.15	335.92	1.253	Level 3
17,000.00	7,152.57	17,087.83	7,271.17	174.06	174.99	-106.21	54.24	10,997.11	421.34	82.19	339.15	1.242	Level 2
17,100.00	7,152.09	17,187.83	7,270.75	175.72	176.65	-106.20	54.61	11,097.11	421.61	79.24	342.37	1.231	Level 2
17,200.00	7,151.62	17,287.83	7,270.33	177.38	178.32	-106.20	54.98	11,197.11	421.89	76.28	345.60	1.221	Level 2
17,300.00	7,151.14	17,387.83	7,269.92	179.05	179.98	-106.20	55.35	11,297.11	422.16	73.33	348.83	1.210	Level 2
17,400.00	7,150.66	17,487.82	7,269.50	180.71	181.64	-106.20	55.72	11,397.10	422.43	70.37	352.06	1.200	Level 2
17,500.00	7,150.19	17,587.82	7,269.08	182.37	183.31	-106.19	56.09	11,497.10	422.71	67.42	355.29	1.190	Level 2
17,600.00	7,149.71	17,687.82	7,268.66	184.04	184.97	-106.19	56.46	11,597.10	422.98	64.46	358.52	1.180	Level 2
17,700.00	7,149.24	17,787.82	7,268.25	185.70	186.63	-106.19	56.83	11,697.10	423.25	61.50	361.75	1.170	Level 2
17,800.00	7,148.76	17,887.82	7,267.83	187.37	188.30	-106.19	57.20	11,797.10	423.52	58.55	364.98	1.160	Level 2
17,900.00	7,148.29	17,987.82	7,267.41	189.03	189.96	-106.18	57.57	11,897.09	423.80	55.59	368.21	1.151	Level 2
18,000.00	7,147.81	18,087.82	7,267.00	190.69	191.62	-106.18	57.94	11,997.09	424.07	52.63	371.44	1.142	Level 2
18,060.31	7,147.52	18,148.13	7,266.74	191.70	192.63	-106.18	58.16	12,057.40	424.23	50.85	373.39	1.136	Level 2, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	1.00	3.28	3.28	-90.00	0.00	-20.05	20.05				
100.00	100.00	101.00	101.00	3.28	3.28	-90.00	0.00	-20.05	20.05	12.52	7.53	2.662	
200.00	200.00	201.00	201.00	3.31	3.31	-90.00	0.00	-20.05	20.05	12.47	7.57	2.647	CC
300.00	299.98	301.57	301.56	3.35	3.35	163.08	-0.15	-18.89	20.57	12.91	7.66	2.686	
400.00	399.84	402.29	402.17	3.41	3.41	165.83	-0.77	-14.30	21.02	13.25	7.77	2.706	
500.00	499.45	503.03	502.57	3.50	3.50	170.14	-1.85	-6.20	21.44	13.52	7.92	2.708	
600.00	598.70	603.76	602.62	3.62	3.62	175.92	-3.39	5.39	21.95	13.84	8.11	2.708	
700.00	697.47	704.50	702.19	3.77	3.77	-177.01	-5.41	20.47	22.71	14.37	8.33	2.725	
800.00	796.01	804.54	800.74	3.96	3.96	-169.30	-7.69	37.56	23.14	14.50	8.64	2.678	
900.00	894.55	904.49	899.19	4.18	4.18	-161.97	-9.97	54.66	23.95	14.94	9.01	2.659	
1,000.00	993.09	1,004.45	997.64	4.42	4.41	-155.23	-12.25	71.76	25.12	15.69	9.43	2.664	
1,100.00	1,091.63	1,104.40	1,096.09	4.68	4.67	-149.16	-14.53	88.86	26.61	16.71	9.90	2.687	
1,200.00	1,190.17	1,204.35	1,194.54	4.96	4.95	-143.78	-16.81	105.97	28.36	17.94	10.43	2.720	
1,300.00	1,288.71	1,304.30	1,292.99	5.25	5.24	-139.07	-19.10	123.07	30.34	19.35	10.99	2.760	
1,400.00	1,387.25	1,404.25	1,391.45	5.55	5.54	-134.96	-21.38	140.17	32.49	20.90	11.59	2.803	
1,500.00	1,485.79	1,504.20	1,489.90	5.87	5.86	-131.37	-23.66	157.27	34.79	22.57	12.21	2.848	
1,600.00	1,584.34	1,604.15	1,588.35	6.19	6.18	-128.24	-25.94	174.37	37.20	24.34	12.86	2.892	
1,700.00	1,682.88	1,704.11	1,686.80	6.52	6.51	-125.49	-28.22	191.47	39.72	26.19	13.53	2.936	
1,800.00	1,781.42	1,804.06	1,785.25	6.85	6.84	-123.08	-30.50	208.58	42.31	28.10	14.21	2.977	
1,900.00	1,879.96	1,904.01	1,883.70	7.04	7.01	-120.95	-32.79	225.68	44.98	30.76	14.21	3.164	
2,000.00	1,978.50	2,003.96	1,982.15	7.08	7.05	-119.06	-35.07	242.78	47.69	33.36	14.33	3.328	
2,100.00	2,077.04	2,103.91	2,080.60	7.13	7.11	-117.38	-37.35	259.88	50.45	35.98	14.48	3.485	
2,200.00	2,175.58	2,203.86	2,179.05	7.20	7.18	-115.87	-39.63	276.98	53.26	38.61	14.65	3.636	
2,300.00	2,274.12	2,303.81	2,277.51	7.29	7.27	-114.51	-41.91	294.08	56.09	41.25	14.85	3.778	
2,400.00	2,372.66	2,403.77	2,375.96	7.39	7.37	-113.29	-44.20	311.19	58.96	43.88	15.07	3.912	
2,500.00	2,471.20	2,503.72	2,474.41	7.51	7.49	-112.18	-46.48	328.29	61.84	46.52	15.32	4.036	
2,600.00	2,569.74	2,603.67	2,572.86	7.64	7.62	-111.17	-48.76	345.39	64.75	49.16	15.60	4.152	
2,700.00	2,668.28	2,703.62	2,671.31	7.78	7.77	-110.24	-51.04	362.49	67.68	51.78	15.90	4.258	
2,800.00	2,766.83	2,803.57	2,769.76	7.94	7.92	-109.39	-53.32	379.59	70.62	54.41	16.22	4.355	
2,900.00	2,865.37	2,903.52	2,868.21	8.11	8.09	-108.61	-55.61	396.69	73.58	57.02	16.56	4.443	
3,000.00	2,963.91	3,003.47	2,966.66	8.28	8.27	-107.89	-57.89	413.80	76.55	59.63	16.93	4.523	
3,100.00	3,062.45	3,103.43	3,065.11	8.47	8.46	-107.23	-60.17	430.90	79.53	62.22	17.31	4.595	
3,200.00	3,160.99	3,203.38	3,163.57	8.67	8.65	-106.61	-62.45	448.00	82.52	64.81	17.71	4.659	
3,300.00	3,259.53	3,303.33	3,262.02	8.88	8.86	-106.04	-64.73	465.10	85.52	67.40	18.13	4.717	
3,400.00	3,358.07	3,403.28	3,360.47	9.09	9.08	-105.50	-67.01	482.20	88.53	69.97	18.56	4.769	
3,500.00	3,456.61	3,503.23	3,458.92	9.31	9.30	-105.00	-69.30	499.31	91.55	72.54	19.01	4.815	
3,600.00	3,555.15	3,603.18	3,557.37	9.54	9.53	-104.53	-71.58	516.41	94.57	75.10	19.48	4.856	
3,700.00	3,653.69	3,703.13	3,655.82	9.78	9.77	-104.09	-73.86	533.51	97.60	77.65	19.95	4.892	
3,800.00	3,752.23	3,803.09	3,754.27	10.02	10.01	-103.68	-76.14	550.61	100.63	80.19	20.44	4.923	
3,900.00	3,850.77	3,903.04	3,852.72	10.27	10.26	-103.29	-78.42	567.71	103.67	82.73	20.94	4.951	
4,000.00	3,949.31	4,002.99	3,951.17	10.52	10.51	-102.93	-80.71	584.81	106.71	85.27	21.45	4.975	
4,100.00	4,047.86	4,102.94	4,049.62	10.78	10.77	-102.58	-82.99	601.92	109.76	87.79	21.97	4.997	
4,200.00	4,146.40	4,202.89	4,148.08	11.05	11.03	-102.25	-85.27	619.02	112.81	90.32	22.49	5.015	
4,300.00	4,244.94	4,302.84	4,246.53	11.31	11.30	-101.94	-87.55	636.12	115.87	92.84	23.03	5.031	
4,400.00	4,343.48	4,402.79	4,344.98	11.59	11.57	-101.65	-89.83	653.22	118.92	95.35	23.58	5.044	
4,500.00	4,442.02	4,502.75	4,443.43	11.86	11.85	-101.37	-92.12	670.32	121.98	97.86	24.13	5.056	
4,600.00	4,540.56	4,602.70	4,541.88	12.14	12.13	-101.10	-94.40	687.42	125.05	100.36	24.68	5.066	
4,700.00	4,639.10	4,702.65	4,640.33	12.42	12.41	-100.85	-96.68	704.53	128.11	102.86	25.25	5.074	
4,800.00	4,737.64	4,802.60	4,738.78	12.71	12.69	-100.61	-98.96	721.63	131.18	105.36	25.82	5.081	
4,900.00	4,836.18	4,902.55	4,837.23	13.00	12.98	-100.38	-101.24	738.73	134.25	107.86	26.40	5.086	
5,000.00	4,934.72	5,002.50	4,935.68	13.29	13.27	-100.16	-103.52	755.83	137.32	110.35	26.98	5.090	
5,100.00	5,033.26	5,102.45	5,034.14	13.58	13.56	-99.95	-105.81	772.93	140.40	112.84	27.56	5.094	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,131.80	5,202.41	5,132.59	13.87	13.86	-99.75	-108.09	790.03	143.47	115.32	28.15	5.096	
5,300.00	5,230.34	5,302.36	5,231.04	14.17	14.16	-99.56	-110.37	807.14	146.55	117.80	28.75	5.098	
5,400.00	5,328.89	5,402.31	5,329.49	14.47	14.46	-99.37	-112.65	824.24	149.63	120.29	29.35	5.099	
5,500.00	5,427.43	5,502.26	5,427.94	14.77	14.76	-99.19	-114.93	841.34	152.71	122.76	29.95	5.099	
5,600.00	5,525.97	5,602.21	5,526.39	15.08	15.06	-99.02	-117.22	858.44	155.80	125.24	30.56	5.099	
5,700.00	5,624.51	5,702.16	5,624.84	15.38	15.37	-98.86	-119.50	875.54	158.88	127.71	31.16	5.098	
5,800.00	5,723.05	5,802.11	5,723.29	15.69	15.67	-98.70	-121.78	892.65	161.96	130.19	31.78	5.097	
5,900.00	5,821.59	5,902.07	5,821.74	16.00	15.98	-98.55	-124.06	909.75	165.05	132.66	32.39	5.095	
6,000.00	5,920.13	6,002.02	5,920.20	16.31	16.29	-98.40	-126.34	926.85	168.14	135.13	33.01	5.093	
6,100.00	6,018.67	6,101.97	6,018.65	16.62	16.60	-98.26	-128.63	943.95	171.23	137.59	33.63	5.091	
6,200.00	6,117.21	6,201.92	6,117.10	16.93	16.91	-98.13	-130.91	961.05	174.31	140.06	34.26	5.089	
6,300.00	6,215.75	6,301.87	6,215.55	17.24	17.23	-98.00	-133.19	978.15	177.40	142.52	34.88	5.086	
6,400.00	6,314.29	6,401.82	6,314.00	17.56	17.54	-97.87	-135.47	995.26	180.50	144.99	35.51	5.083	
6,500.00	6,412.83	6,501.77	6,412.45	17.87	17.85	-97.75	-137.75	1,012.36	183.59	147.45	36.14	5.080	
6,600.00	6,511.38	6,601.73	6,510.90	18.19	18.17	-97.63	-140.03	1,029.46	186.68	149.91	36.77	5.077	
6,700.00	6,609.92	6,701.20	6,608.87	18.51	18.49	-97.50	-142.30	1,046.54	189.79	152.38	37.40	5.074	
6,800.00	6,708.16	6,795.04	6,699.48	18.84	18.84	-90.00	-144.36	1,070.57	194.36	156.25	38.11	5.100	
6,900.00	6,803.11	6,887.52	6,784.35	19.25	19.28	-82.25	-146.19	1,107.02	199.52	160.59	38.93	5.125	
7,000.00	6,892.11	6,978.93	6,862.20	19.76	19.81	-77.87	-147.79	1,154.75	204.53	164.68	39.85	5.133	
7,100.00	6,972.96	7,069.47	6,931.79	20.36	20.41	-74.94	-149.13	1,212.53	209.16	168.29	40.87	5.118	
7,200.00	7,043.67	7,159.34	6,992.08	21.07	21.10	-72.92	-150.20	1,279.07	213.18	171.19	41.99	5.077	
7,300.00	7,102.50	7,248.73	7,042.17	21.87	21.87	-71.60	-150.97	1,353.01	216.41	173.18	43.23	5.006	
7,400.00	7,148.01	7,337.83	7,081.32	22.77	22.71	-70.88	-151.44	1,432.97	218.74	174.12	44.62	4.902	
7,500.00	7,179.07	7,426.82	7,108.91	23.75	23.62	-70.69	-151.60	1,517.51	220.09	173.93	46.16	4.768	
7,600.00	7,194.92	7,515.91	7,124.46	24.79	24.58	-71.01	-151.46	1,605.16	220.44	172.58	47.86	4.606	
7,677.20	7,198.62	7,587.40	7,128.01	25.63	25.37	-71.09	-151.13	1,673.79	220.82	171.60	49.22	4.487	
7,700.00	7,196.79	7,607.53	7,127.91	25.88	25.59	-71.50	-150.99	1,696.65	220.29	170.54	49.75	4.428	
7,800.00	7,196.31	7,707.53	7,127.46	27.02	26.75	-71.55	-150.39	1,796.64	220.76	168.79	51.96	4.248	
7,900.00	7,195.84	7,807.53	7,127.01	28.22	27.97	-71.60	-149.78	1,896.64	221.23	166.95	54.28	4.075	
8,000.00	7,195.36	7,907.52	7,126.57	29.47	29.23	-71.65	-149.17	1,996.63	221.70	165.00	56.69	3.910	
8,100.00	7,194.89	8,007.52	7,126.12	30.75	30.53	-71.70	-148.57	2,096.63	222.17	162.98	59.19	3.754	
8,200.00	7,194.41	8,107.52	7,125.68	32.08	31.86	-71.74	-147.96	2,196.63	222.64	160.89	61.75	3.605	
8,300.00	7,193.93	8,207.52	7,125.23	33.44	33.23	-71.79	-147.35	2,296.62	223.11	158.73	64.38	3.466	
8,400.00	7,193.46	8,307.52	7,124.78	34.82	34.62	-71.84	-146.74	2,396.62	223.58	156.52	67.06	3.334	
8,500.00	7,192.98	8,407.52	7,124.34	36.23	36.04	-71.89	-146.14	2,496.61	224.05	154.25	69.79	3.210	
8,600.00	7,192.51	8,507.52	7,123.89	37.66	37.48	-71.93	-145.53	2,596.61	224.52	151.95	72.57	3.094	
8,700.00	7,192.03	8,607.52	7,123.44	39.11	38.94	-71.98	-144.92	2,696.61	224.99	149.60	75.39	2.985	
8,800.00	7,191.56	8,707.51	7,123.00	40.58	40.41	-72.03	-144.31	2,796.60	225.46	147.22	78.24	2.882	
8,900.00	7,191.08	8,807.51	7,122.55	42.07	41.90	-72.07	-143.71	2,896.60	225.93	144.81	81.12	2.785	
9,000.00	7,190.61	8,907.51	7,122.11	43.56	43.40	-72.12	-143.10	2,996.59	226.40	142.38	84.03	2.694	
9,100.00	7,190.13	9,007.51	7,121.66	45.07	44.92	-72.17	-142.49	3,096.59	226.88	139.91	86.96	2.609	
9,200.00	7,189.66	9,107.51	7,121.21	46.59	46.44	-72.21	-141.88	3,196.58	227.35	137.42	89.92	2.528	
9,300.00	7,189.18	9,207.51	7,120.77	48.13	47.98	-72.26	-141.28	3,296.58	227.82	134.92	92.90	2.452	
9,400.00	7,188.70	9,307.51	7,120.32	49.67	49.52	-72.30	-140.67	3,396.58	228.29	132.39	95.90	2.380	
9,500.00	7,188.23	9,407.50	7,119.87	51.22	51.07	-72.35	-140.06	3,496.57	228.76	129.84	98.92	2.313	
9,600.00	7,187.75	9,507.50	7,119.43	52.77	52.63	-72.40	-139.46	3,596.57	229.24	127.28	101.95	2.248	
9,700.00	7,187.28	9,607.50	7,118.98	54.34	54.20	-72.44	-138.85	3,696.56	229.71	124.71	105.00	2.188	
9,800.00	7,186.80	9,707.50	7,118.54	55.91	55.77	-72.49	-138.24	3,796.56	230.18	122.12	108.06	2.130	
9,900.00	7,186.33	9,807.50	7,118.09	57.48	57.35	-72.53	-137.63	3,896.56	230.65	119.52	111.13	2.075	
10,000.00	7,185.85	9,907.50	7,117.64	59.06	58.93	-72.57	-137.03	3,996.55	231.13	116.91	114.22	2.024	
10,100.00	7,185.38	10,007.50	7,117.20	60.65	60.52	-72.62	-136.42	4,096.55	231.60	114.29	117.31	1.974	
10,200.00	7,184.90	10,107.50	7,116.75	62.24	62.11	-72.66	-135.81	4,196.54	232.07	111.65	120.42	1.927	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,184.42	10,207.49	7,116.30	63.83	63.71	-72.71	-135.20	4,296.54	232.54	109.01	123.53	1.882	
10,400.00	7,183.95	10,307.49	7,115.86	65.43	65.31	-72.75	-134.60	4,396.54	233.02	106.36	126.65	1.840	
10,500.00	7,183.47	10,407.49	7,115.41	67.04	66.92	-72.79	-133.99	4,496.53	233.49	103.71	129.78	1.799	
10,600.00	7,183.00	10,507.49	7,114.96	68.64	68.52	-72.84	-133.38	4,596.53	233.97	101.04	132.92	1.760	
10,700.00	7,182.52	10,607.49	7,114.52	70.25	70.13	-72.88	-132.77	4,696.52	234.44	98.37	136.07	1.723	
10,800.00	7,182.05	10,707.49	7,114.07	71.86	71.75	-72.92	-132.17	4,796.52	234.91	95.69	139.22	1.687	
10,900.00	7,181.57	10,807.49	7,113.63	73.48	73.36	-72.97	-131.56	4,896.51	235.39	93.01	142.38	1.653	
11,000.00	7,181.10	10,907.49	7,113.18	75.09	74.98	-73.01	-130.95	4,996.51	235.86	90.32	145.54	1.621	
11,100.00	7,180.62	11,007.48	7,112.73	76.71	76.60	-73.05	-130.35	5,096.51	236.33	87.62	148.71	1.589	
11,200.00	7,180.15	11,107.48	7,112.29	78.33	78.22	-73.09	-129.74	5,196.50	236.81	84.92	151.89	1.559	
11,300.00	7,179.67	11,207.48	7,111.84	79.96	79.85	-73.14	-129.13	5,296.50	237.28	82.22	155.07	1.530	
11,400.00	7,179.19	11,307.48	7,111.39	81.58	81.48	-73.18	-128.52	5,396.49	237.76	79.51	158.25	1.502	
11,500.00	7,178.72	11,407.48	7,110.95	83.21	83.10	-73.22	-127.92	5,496.49	238.23	76.79	161.44	1.476 Level 3	
11,600.00	7,178.24	11,507.48	7,110.50	84.84	84.73	-73.26	-127.31	5,596.49	238.71	74.07	164.64	1.450 Level 3	
11,700.00	7,177.77	11,607.48	7,110.06	86.47	86.37	-73.30	-126.70	5,696.48	239.18	71.35	167.83	1.425 Level 3	
11,800.00	7,177.29	11,707.48	7,109.61	88.11	88.00	-73.34	-126.09	5,796.48	239.66	68.62	171.03	1.401 Level 3	
11,900.00	7,176.82	11,807.47	7,109.16	89.74	89.63	-73.39	-125.49	5,896.47	240.13	65.89	174.24	1.378 Level 3	
12,000.00	7,176.34	11,907.47	7,108.72	91.38	91.27	-73.43	-124.88	5,996.47	240.61	63.16	177.45	1.356 Level 3	
12,100.00	7,175.87	12,007.47	7,108.27	93.01	92.91	-73.47	-124.27	6,096.47	241.08	60.43	180.66	1.334 Level 3	
12,200.00	7,175.39	12,107.47	7,107.82	94.65	94.55	-73.51	-123.66	6,196.46	241.56	57.69	183.87	1.314 Level 3	
12,300.00	7,174.91	12,207.47	7,107.38	96.29	96.19	-73.55	-123.06	6,296.46	242.04	54.94	187.09	1.294 Level 3	
12,400.00	7,174.44	12,307.47	7,106.93	97.93	97.83	-73.59	-122.45	6,396.45	242.51	52.20	190.31	1.274 Level 3	
12,500.00	7,173.96	12,407.47	7,106.49	99.57	99.47	-73.63	-121.84	6,496.45	242.99	49.45	193.54	1.256 Level 3	
12,600.00	7,173.49	12,507.47	7,106.04	101.21	101.11	-73.67	-121.24	6,596.44	243.46	46.70	196.76	1.237 Level 2	
12,700.00	7,173.01	12,607.46	7,105.59	102.86	102.76	-73.71	-120.63	6,696.44	243.94	43.95	199.99	1.220 Level 2	
12,800.00	7,172.54	12,707.46	7,105.15	104.50	104.40	-73.75	-120.02	6,796.44	244.42	41.19	203.23	1.203 Level 2	
12,900.00	7,172.06	12,807.46	7,104.70	106.15	106.05	-73.79	-119.41	6,896.43	244.89	38.43	206.46	1.186 Level 2	
13,000.00	7,171.59	12,907.46	7,104.25	107.79	107.69	-73.83	-118.81	6,996.43	245.37	35.67	209.70	1.170 Level 2	
13,100.00	7,171.11	13,007.46	7,103.81	109.44	109.34	-73.87	-118.20	7,096.42	245.85	32.91	212.93	1.155 Level 2	
13,200.00	7,170.64	13,107.46	7,103.36	111.09	110.99	-73.91	-117.59	7,196.42	246.32	30.15	216.18	1.139 Level 2	
13,300.00	7,170.16	13,207.46	7,102.91	112.74	112.64	-73.95	-116.98	7,296.42	246.80	27.38	219.42	1.125 Level 2	
13,400.00	7,169.68	13,307.46	7,102.47	114.39	114.29	-73.98	-116.38	7,396.41	247.28	24.61	222.66	1.111 Level 2	
13,500.00	7,169.21	13,407.45	7,102.02	116.04	115.94	-74.02	-115.77	7,496.41	247.75	21.84	225.91	1.097 Level 2	
13,600.00	7,168.73	13,507.45	7,101.58	117.69	117.59	-74.06	-115.16	7,596.40	248.23	19.07	229.16	1.083 Level 2	
13,700.00	7,168.26	13,607.45	7,101.13	119.34	119.24	-74.10	-114.55	7,696.40	248.71	16.30	232.41	1.070 Level 2	
13,800.00	7,167.78	13,707.45	7,100.68	120.99	120.89	-74.14	-113.95	7,796.40	249.19	13.52	235.66	1.057 Level 2	
13,900.00	7,167.31	13,807.45	7,100.24	122.64	122.54	-74.18	-113.34	7,896.39	249.66	10.75	238.92	1.045 Level 2	
14,000.00	7,166.83	13,907.45	7,099.79	124.29	124.19	-74.21	-112.73	7,996.39	250.14	7.97	242.17	1.033 Level 2	
14,100.00	7,166.36	14,007.45	7,099.34	125.95	125.85	-74.25	-112.13	8,096.38	250.62	5.19	245.43	1.021 Level 2	
14,200.00	7,165.88	14,107.44	7,098.90	127.60	127.50	-74.29	-111.52	8,196.38	251.10	2.41	248.69	1.010 Level 2	
14,300.00	7,165.40	14,207.44	7,098.45	129.26	129.16	-74.33	-110.91	8,296.37	251.58	-0.38	251.95	0.999 Level 1	
14,400.00	7,164.93	14,307.44	7,098.01	130.91	130.81	-74.36	-110.30	8,396.37	252.05	-3.16	255.22	0.988 Level 1	
14,500.00	7,164.45	14,407.44	7,097.56	132.57	132.47	-74.40	-109.70	8,496.37	252.53	-5.95	258.48	0.977 Level 1	
14,600.00	7,163.98	14,507.44	7,097.11	134.22	134.12	-74.44	-109.09	8,596.36	253.01	-8.73	261.74	0.967 Level 1	
14,700.00	7,163.50	14,607.44	7,096.67	135.88	135.78	-74.48	-108.48	8,696.36	253.49	-11.52	265.01	0.957 Level 1	
14,800.00	7,163.03	14,707.44	7,096.22	137.54	137.43	-74.51	-107.87	8,796.35	253.97	-14.31	268.28	0.947 Level 1	
14,900.00	7,162.55	14,807.44	7,095.77	139.19	139.09	-74.55	-107.27	8,896.35	254.45	-17.10	271.55	0.937 Level 1	
15,000.00	7,162.08	14,907.43	7,095.33	140.85	140.75	-74.59	-106.66	8,996.35	254.92	-19.90	274.82	0.928 Level 1	
15,100.00	7,161.60	15,007.43	7,094.88	142.51	142.41	-74.62	-106.05	9,096.34	255.40	-22.69	278.09	0.918 Level 1	
15,200.00	7,161.13	15,107.43	7,094.44	144.17	144.06	-74.66	-105.44	9,196.34	255.88	-25.48	281.36	0.909 Level 1	
15,300.00	7,160.65	15,207.43	7,093.99	145.82	145.72	-74.70	-104.84	9,296.33	256.36	-28.28	284.64	0.901 Level 1	
15,400.00	7,160.17	15,307.43	7,093.54	147.48	147.38	-74.73	-104.23	9,396.33	256.84	-31.07	287.91	0.892 Level 1	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,407.43	7,093.10	149.14	149.04	-74.77	-103.62	9,496.33	257.32	-33.87	291.19	0.884	Level 1
15,600.00	7,159.22	15,507.43	7,092.65	150.80	150.70	-74.80	-103.02	9,596.32	257.80	-36.67	294.47	0.875	Level 1
15,700.00	7,158.75	15,607.43	7,092.20	152.46	152.36	-74.84	-102.41	9,696.32	258.28	-39.47	297.75	0.867	Level 1
15,800.00	7,158.27	15,707.42	7,091.76	154.12	154.02	-74.87	-101.80	9,796.31	258.76	-42.27	301.03	0.860	Level 1
15,900.00	7,157.80	15,807.42	7,091.31	155.78	155.68	-74.91	-101.19	9,896.31	259.24	-45.07	304.31	0.852	Level 1
16,000.00	7,157.32	15,907.42	7,090.86	157.44	157.34	-74.94	-100.59	9,996.30	259.72	-47.87	307.59	0.844	Level 1
16,100.00	7,156.85	16,007.42	7,090.42	159.10	159.00	-74.98	-99.98	10,096.30	260.20	-50.68	310.88	0.837	Level 1
16,200.00	7,156.37	16,107.42	7,089.97	160.76	160.66	-75.01	-99.37	10,196.30	260.68	-53.48	314.16	0.830	Level 1
16,300.00	7,155.89	16,207.42	7,089.53	162.42	162.32	-75.05	-98.76	10,296.29	261.16	-56.29	317.44	0.823	Level 1
16,400.00	7,155.42	16,307.42	7,089.08	164.08	163.98	-75.08	-98.16	10,396.29	261.64	-59.09	320.73	0.816	Level 1
16,500.00	7,154.94	16,407.42	7,088.63	165.75	165.64	-75.12	-97.55	10,496.28	262.12	-61.90	324.02	0.809	Level 1
16,600.00	7,154.47	16,507.41	7,088.19	167.41	167.30	-75.15	-96.94	10,596.28	262.60	-64.71	327.31	0.802	Level 1
16,700.00	7,153.99	16,607.41	7,087.74	169.07	168.97	-75.19	-96.33	10,696.28	263.08	-67.52	330.59	0.796	Level 1
16,800.00	7,153.52	16,707.41	7,087.29	170.73	170.63	-75.22	-95.73	10,796.27	263.56	-70.33	333.88	0.789	Level 1
16,900.00	7,153.04	16,807.41	7,086.85	172.39	172.29	-75.26	-95.12	10,896.27	264.04	-73.14	337.18	0.783	Level 1
17,000.00	7,152.57	16,907.41	7,086.40	174.06	173.95	-75.29	-94.51	10,996.26	264.52	-75.95	340.47	0.777	Level 1
17,100.00	7,152.09	17,007.41	7,085.96	175.72	175.61	-75.32	-93.91	11,096.26	265.00	-78.76	343.76	0.771	Level 1
17,200.00	7,151.62	17,107.41	7,085.51	177.38	177.28	-75.36	-93.30	11,196.26	265.48	-81.57	347.05	0.765	Level 1
17,300.00	7,151.14	17,207.41	7,085.06	179.05	178.94	-75.39	-92.69	11,296.25	265.96	-84.38	350.35	0.759	Level 1
17,400.00	7,150.66	17,307.40	7,084.62	180.71	180.60	-75.42	-92.08	11,396.25	266.44	-87.20	353.64	0.753	Level 1
17,500.00	7,150.19	17,407.40	7,084.17	182.37	182.27	-75.46	-91.48	11,496.24	266.93	-90.01	356.94	0.748	Level 1
17,600.00	7,149.71	17,507.40	7,083.72	184.04	183.93	-75.49	-90.87	11,596.24	267.41	-92.83	360.23	0.742	Level 1
17,700.00	7,149.24	17,607.40	7,083.28	185.70	185.59	-75.52	-90.26	11,696.23	267.89	-95.64	363.53	0.737	Level 1
17,800.00	7,148.76	17,707.40	7,082.83	187.37	187.26	-75.56	-89.65	11,796.23	268.37	-98.46	366.83	0.732	Level 1
17,900.00	7,148.29	17,807.40	7,082.39	189.03	188.92	-75.59	-89.05	11,896.23	268.85	-101.27	370.13	0.726	Level 1
18,000.00	7,147.81	17,907.40	7,081.94	190.69	190.58	-75.62	-88.44	11,996.22	269.33	-104.09	373.42	0.721	Level 1
18,060.31	7,147.52	17,967.70	7,081.67	191.70	191.59	-75.64	-88.07	12,056.53	269.62	-105.79	375.41	0.718	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.65	0.36	-60.14	60.14				
100.00	100.00	101.00	101.00	3.28	3.28	-89.65	0.36	-60.14	60.14	52.61	7.53	7.987	
200.00	200.00	201.00	201.00	3.31	3.31	-89.65	0.36	-60.14	60.14	52.56	7.57	7.940 CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	162.83	0.36	-60.14	61.80	54.14	7.66	8.067	
400.00	399.84	400.84	400.84	3.41	3.42	164.13	0.36	-60.14	66.82	59.03	7.79	8.576	
500.00	499.45	500.45	500.45	3.50	3.50	165.90	0.36	-60.14	75.24	67.28	7.97	9.444	
600.00	598.70	600.30	599.70	3.62	3.61	167.80	0.36	-60.14	87.12	78.93	8.19	10.641	
700.00	697.47	701.53	698.47	3.77	3.74	169.60	0.36	-60.14	102.45	93.99	8.45	12.118	
800.00	796.01	802.99	797.01	3.96	3.88	171.07	0.36	-60.14	119.23	110.49	8.74	13.638	
900.00	894.55	904.45	895.55	4.18	4.03	172.19	0.36	-60.14	136.08	127.02	9.06	15.014	
1,000.00	993.09	1,005.91	994.09	4.42	4.20	173.05	0.36	-60.14	152.96	143.55	9.41	16.249	
1,100.00	1,091.63	1,092.63	1,092.63	4.68	4.35	173.75	0.36	-60.14	169.88	160.11	9.76	17.402	
1,200.00	1,190.17	1,197.15	1,197.13	4.96	4.54	174.51	0.54	-58.50	185.34	175.19	10.15	18.264	
1,300.00	1,288.71	1,303.06	1,302.89	5.25	4.73	175.53	1.12	-52.98	197.40	186.86	10.54	18.727	
1,400.00	1,387.25	1,409.65	1,409.05	5.55	4.93	176.81	2.11	-43.51	206.06	195.11	10.95	18.819	
1,500.00	1,485.79	1,516.63	1,515.16	5.87	5.16	178.39	3.53	-30.06	211.35	199.98	11.37	18.584	
1,600.00	1,584.34	1,623.69	1,620.78	6.19	5.41	-179.68	5.35	-12.67	213.36	201.55	11.81	18.065	
1,700.00	1,682.88	1,730.54	1,725.47	6.52	5.69	-177.33	7.59	8.60	212.23	199.97	12.27	17.302	
1,800.00	1,781.42	1,830.13	1,822.65	6.85	5.93	-174.88	9.86	30.24	209.77	197.21	12.57	16.694	
1,900.00	1,879.96	1,929.69	1,919.80	7.04	6.06	-172.37	12.14	51.87	207.71	195.11	12.60	16.486	
2,000.00	1,978.50	2,029.25	2,016.95	7.08	6.10	-169.82	14.41	73.50	206.06	193.39	12.66	16.271	
2,100.00	2,077.04	2,128.80	2,114.10	7.13	6.17	-167.23	16.68	95.13	204.82	192.05	12.77	16.039	
2,200.00	2,175.58	2,228.36	2,211.26	7.20	6.26	-164.62	18.96	116.77	204.01	191.10	12.92	15.792	
2,300.00	2,274.12	2,327.92	2,308.41	7.29	6.37	-161.99	21.23	138.40	203.64	190.53	13.11	15.536	
2,337.33	2,310.90	2,365.08	2,344.67	7.33	6.41	-161.01	22.08	146.47	203.61	190.42	13.19	15.436	
2,400.00	2,372.66	2,427.48	2,405.56	7.39	6.50	-159.36	23.50	160.03	203.69	190.35	13.34	15.273	
2,500.00	2,471.20	2,527.03	2,502.71	7.51	6.64	-156.73	25.78	181.66	204.18	190.57	13.60	15.009	
2,600.00	2,569.74	2,626.59	2,599.86	7.64	6.81	-154.12	28.05	203.30	205.10	191.19	13.91	14.746	
2,700.00	2,668.28	2,726.15	2,697.02	7.78	6.99	-151.55	30.33	224.93	206.44	192.19	14.25	14.489	
2,800.00	2,766.83	2,825.71	2,794.17	7.94	7.19	-149.00	32.60	246.56	208.20	193.58	14.62	14.240	
2,900.00	2,865.37	2,925.26	2,891.32	8.11	7.40	-146.51	34.87	268.19	210.36	195.34	15.02	14.002	
3,000.00	2,963.91	3,024.82	2,988.47	8.28	7.62	-144.07	37.15	289.83	212.92	197.46	15.45	13.778	
3,100.00	3,062.45	3,124.38	3,085.63	8.47	7.85	-141.69	39.42	311.46	215.85	199.94	15.91	13.567	
3,200.00	3,160.99	3,223.94	3,182.78	8.67	8.10	-139.38	41.69	333.09	219.15	202.76	16.39	13.372	
3,300.00	3,259.53	3,323.49	3,279.93	8.88	8.35	-137.14	43.97	354.72	222.80	205.91	16.89	13.192	
3,400.00	3,358.07	3,423.05	3,377.08	9.09	8.62	-134.98	46.24	376.36	226.78	209.37	17.41	13.028	
3,500.00	3,456.61	3,522.61	3,474.23	9.31	8.89	-132.89	48.51	397.99	231.07	213.13	17.94	12.879	
3,600.00	3,555.15	3,622.17	3,571.39	9.54	9.17	-130.88	50.79	419.62	235.66	217.17	18.49	12.744	
3,700.00	3,653.69	3,721.72	3,668.54	9.78	9.45	-128.95	53.06	441.25	240.53	221.48	19.05	12.623	
3,800.00	3,752.23	3,821.28	3,765.69	10.02	9.74	-127.10	55.34	462.89	245.67	226.04	19.63	12.515	
3,900.00	3,850.77	3,920.84	3,862.84	10.27	10.04	-125.33	57.61	484.52	251.04	230.83	20.21	12.420	
4,000.00	3,949.31	4,020.40	3,959.99	10.52	10.34	-123.63	59.88	506.15	256.66	235.85	20.81	12.335	
4,100.00	4,047.86	4,119.95	4,057.15	10.78	10.65	-122.00	62.16	527.78	262.48	241.07	21.41	12.260	
4,200.00	4,146.40	4,219.51	4,154.30	11.05	10.96	-120.44	64.43	549.42	268.51	246.50	22.02	12.195	
4,300.00	4,244.94	4,319.07	4,251.45	11.31	11.28	-118.96	66.70	571.05	274.73	252.10	22.63	12.138	
4,400.00	4,343.48	4,418.62	4,348.60	11.59	11.59	-117.54	68.98	592.68	281.13	257.87	23.26	12.089	
4,500.00	4,442.02	4,518.18	4,445.76	11.86	11.92	-116.18	71.25	614.31	287.69	263.81	23.88	12.046	
4,600.00	4,540.56	4,617.74	4,542.91	12.14	12.24	-114.89	73.52	635.95	294.41	269.89	24.51	12.010	
4,700.00	4,639.10	4,717.30	4,640.06	12.42	12.57	-113.65	75.80	657.58	301.26	276.12	25.15	11.979	
4,800.00	4,737.64	4,816.85	4,737.21	12.71	12.90	-112.47	78.07	679.21	308.26	282.47	25.79	11.954	
4,900.00	4,836.18	4,916.41	4,834.36	13.00	13.23	-111.34	80.34	700.84	315.37	288.94	26.43	11.932	
5,000.00	4,934.72	5,015.97	4,931.52	13.29	13.57	-110.27	82.62	722.48	322.61	295.53	27.08	11.915	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,033.26	5,115.53	5,028.67	13.58	13.90	-109.23	84.89	744.11	329.95	302.23	27.72	11.901	
5,200.00	5,131.80	5,215.08	5,125.82	13.87	14.24	-108.25	87.17	765.74	337.40	309.02	28.38	11.890	
5,300.00	5,230.34	5,314.64	5,222.97	14.17	14.58	-107.30	89.44	787.38	344.94	315.91	29.03	11.882	
5,400.00	5,328.89	5,414.20	5,320.12	14.47	14.92	-106.40	91.71	809.01	352.57	322.88	29.69	11.877	
5,500.00	5,427.43	5,513.76	5,417.28	14.77	15.27	-105.54	93.99	830.64	360.28	329.94	30.34	11.873	
5,600.00	5,525.97	5,613.31	5,514.43	15.08	15.61	-104.71	96.26	852.27	368.07	337.07	31.00	11.872	
5,700.00	5,624.51	5,712.87	5,611.58	15.38	15.96	-103.92	98.53	873.91	375.94	344.27	31.67	11.872	
5,800.00	5,723.05	5,812.43	5,708.73	15.69	16.31	-103.15	100.81	895.54	383.87	351.54	32.33	11.874	
5,900.00	5,821.59	5,911.99	5,805.89	16.00	16.65	-102.42	103.08	917.17	391.87	358.88	32.99	11.877	
6,000.00	5,920.13	6,011.54	5,903.04	16.31	17.00	-101.72	105.35	938.80	399.93	366.27	33.66	11.881	
6,100.00	6,018.67	6,111.10	6,000.19	16.62	17.36	-101.05	107.63	960.44	408.05	373.72	34.33	11.886	
6,200.00	6,117.21	6,210.66	6,097.34	16.93	17.71	-100.40	109.90	982.07	416.22	381.22	35.00	11.892	
6,300.00	6,215.75	6,310.22	6,194.49	17.24	18.06	-99.78	112.18	1,003.70	424.44	388.77	35.67	11.899	
6,400.00	6,314.29	6,409.77	6,291.65	17.56	18.41	-99.18	114.45	1,025.33	432.71	396.37	36.34	11.907	
6,500.00	6,412.83	6,509.33	6,388.80	17.87	18.77	-98.61	116.72	1,046.97	441.02	404.01	37.01	11.915	
6,600.00	6,511.38	6,608.89	6,485.95	18.19	19.12	-98.05	119.00	1,068.60	449.38	411.69	37.69	11.924	
6,700.00	6,609.92	6,698.32	6,571.92	18.51	19.49	-96.94	120.97	1,092.93	458.77	420.42	38.35	11.963	
6,800.00	6,708.16	6,782.97	6,649.41	18.84	19.92	-88.97	122.67	1,126.79	470.81	431.75	39.06	12.055	
6,900.00	6,803.11	6,865.04	6,719.63	19.25	20.43	-80.81	124.13	1,169.15	483.35	443.50	39.85	12.130	
7,000.00	6,892.11	6,945.41	6,782.55	19.76	21.01	-76.00	125.36	1,219.05	495.30	454.56	40.73	12.159	
7,100.00	6,972.96	7,024.44	6,837.82	20.36	21.66	-72.66	126.36	1,275.45	506.10	464.37	41.73	12.129	
7,200.00	7,043.67	7,102.43	6,885.10	21.07	22.37	-70.24	127.11	1,337.40	515.29	472.48	42.82	12.035	
7,300.00	7,102.50	7,179.66	6,924.12	21.87	23.14	-68.54	127.63	1,404.00	522.52	478.49	44.03	11.868	
7,400.00	7,148.01	7,256.38	6,954.63	22.77	23.96	-67.45	127.91	1,474.35	527.52	482.15	45.37	11.628	
7,500.00	7,179.07	7,332.84	6,976.40	23.75	24.83	-66.91	127.95	1,547.59	530.10	483.26	46.84	11.317	
7,600.00	7,194.92	7,409.25	6,989.23	24.79	25.72	-66.92	127.76	1,622.87	530.21	481.75	48.45	10.943	
7,700.00	7,196.79	7,487.11	6,992.97	25.88	26.65	-67.20	127.33	1,700.59	528.53	478.34	50.19	10.531	
7,800.00	7,196.31	7,587.11	6,992.47	27.02	27.87	-67.17	126.63	1,800.59	527.80	475.42	52.39	10.075	
7,900.00	7,195.84	7,687.11	6,991.98	28.22	29.14	-67.13	125.94	1,900.58	527.08	472.40	54.68	9.639	
8,000.00	7,195.36	7,787.10	6,991.48	29.47	30.45	-67.09	125.24	2,000.57	526.35	469.29	57.06	9.225	
8,100.00	7,194.89	7,887.10	6,990.99	30.75	31.79	-67.06	124.55	2,100.56	525.63	466.12	59.51	8.833	
8,200.00	7,194.41	7,987.10	6,990.49	32.08	33.16	-67.02	123.86	2,200.56	524.90	462.88	62.02	8.463	
8,300.00	7,193.93	8,087.09	6,990.00	33.44	34.56	-66.99	123.16	2,300.55	524.18	459.58	64.60	8.115	
8,400.00	7,193.46	8,187.09	6,989.50	34.82	35.98	-66.95	122.47	2,400.54	523.45	456.24	67.22	7.788	
8,500.00	7,192.98	8,287.09	6,989.00	36.23	37.43	-66.91	121.78	2,500.54	522.73	452.85	69.88	7.480	
8,600.00	7,192.51	8,387.08	6,988.51	37.66	38.89	-66.88	121.08	2,600.53	522.00	449.42	72.58	7.192	
8,700.00	7,192.03	8,487.08	6,988.01	39.11	40.36	-66.84	120.39	2,700.52	521.28	445.96	75.32	6.921	
8,800.00	7,191.56	8,587.08	6,987.52	40.58	41.86	-66.80	119.70	2,800.52	520.55	442.47	78.09	6.666	
8,900.00	7,191.08	8,687.07	6,987.02	42.07	43.36	-66.77	119.00	2,900.51	519.83	438.95	80.88	6.427	
9,000.00	7,190.61	8,787.07	6,986.53	43.56	44.88	-66.73	118.31	3,000.50	519.11	435.40	83.70	6.202	
9,100.00	7,190.13	8,887.07	6,986.03	45.07	46.41	-66.69	117.61	3,100.50	518.38	431.84	86.55	5.990	
9,200.00	7,189.66	8,987.07	6,985.54	46.59	47.95	-66.66	116.92	3,200.49	517.66	428.25	89.41	5.790	
9,300.00	7,189.18	9,087.06	6,985.04	48.13	49.49	-66.62	116.23	3,300.48	516.94	424.65	92.29	5.602	
9,400.00	7,188.70	9,187.06	6,984.55	49.67	51.05	-66.58	115.53	3,400.48	516.21	421.03	95.18	5.424	
9,500.00	7,188.23	9,287.06	6,984.05	51.22	52.61	-66.55	114.84	3,500.47	515.49	417.40	98.09	5.255	
9,600.00	7,187.75	9,387.05	6,983.55	52.77	54.18	-66.51	114.15	3,600.46	514.77	413.76	101.01	5.096	
9,700.00	7,187.28	9,487.05	6,983.06	54.34	55.76	-66.47	113.45	3,700.46	514.05	410.10	103.95	4.945	
9,800.00	7,186.80	9,587.05	6,982.56	55.91	57.34	-66.43	112.76	3,800.45	513.32	406.44	106.89	4.802	
9,900.00	7,186.33	9,687.04	6,982.07	57.48	58.92	-66.40	112.07	3,900.44	512.60	402.76	109.84	4.667	
10,000.00	7,185.85	9,787.04	6,981.57	59.06	60.51	-66.36	111.37	4,000.44	511.88	399.07	112.81	4.538	
10,100.00	7,185.38	9,887.04	6,981.08	60.65	62.11	-66.32	110.68	4,100.43	511.16	395.38	115.78	4.415	
10,200.00	7,184.90	9,987.03	6,980.58	62.24	63.70	-66.28	109.98	4,200.42	510.44	391.68	118.76	4.298	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,184.42	10,087.03	6,980.09	63.83	65.31	-66.24	109.29	4,300.42	509.72	387.98	121.74	4.187	
10,400.00	7,183.95	10,187.03	6,979.59	65.43	66.91	-66.21	108.60	4,400.41	509.00	384.27	124.73	4.081	
10,500.00	7,183.47	10,287.02	6,979.10	67.04	68.52	-66.17	107.90	4,500.40	508.28	380.55	127.73	3.979	
10,600.00	7,183.00	10,387.02	6,978.60	68.64	70.13	-66.13	107.21	4,600.39	507.56	376.83	130.73	3.882	
10,700.00	7,182.52	10,487.02	6,978.10	70.25	71.75	-66.09	106.52	4,700.39	506.84	373.10	133.74	3.790	
10,800.00	7,182.05	10,587.01	6,977.61	71.86	73.37	-66.05	105.82	4,800.38	506.12	369.37	136.75	3.701	
10,900.00	7,181.57	10,687.01	6,977.11	73.48	74.99	-66.01	105.13	4,900.37	505.40	365.64	139.76	3.616	
11,000.00	7,181.10	10,787.01	6,976.62	75.09	76.61	-65.98	104.44	5,000.37	504.68	361.90	142.78	3.535	
11,100.00	7,180.62	10,887.00	6,976.12	76.71	78.23	-65.94	103.74	5,100.36	503.96	358.16	145.80	3.457	
11,200.00	7,180.15	10,987.00	6,975.63	78.33	79.86	-65.90	103.05	5,200.35	503.24	354.42	148.82	3.381	
11,300.00	7,179.67	11,087.00	6,975.13	79.96	81.49	-65.86	102.35	5,300.35	502.52	350.67	151.85	3.309	
11,400.00	7,179.19	11,187.00	6,974.64	81.58	83.12	-65.82	101.66	5,400.34	501.80	346.93	154.88	3.240	
11,500.00	7,178.72	11,286.99	6,974.14	83.21	84.75	-65.78	100.97	5,500.33	501.09	343.18	157.91	3.173	
11,600.00	7,178.24	11,385.46	6,973.65	84.84	86.36	-65.74	100.30	5,598.80	500.39	339.48	160.90	3.110	
11,647.57	7,178.02	11,431.19	6,973.43	85.62	87.11	-65.74	100.30	5,644.53	500.34	338.03	162.31	3.083	
11,700.00	7,177.77	11,483.62	6,973.17	86.47	87.96	-65.74	100.32	5,696.96	500.32	336.40	163.91	3.052	
11,800.00	7,177.29	11,583.62	6,972.67	88.11	89.60	-65.73	100.36	5,796.96	500.27	333.29	166.98	2.996	
11,900.00	7,176.82	11,683.62	6,972.18	89.74	91.24	-65.73	100.41	5,896.96	500.22	330.17	170.05	2.942	
12,000.00	7,176.34	11,783.62	6,971.68	91.38	92.87	-65.72	100.45	5,996.96	500.18	327.05	173.13	2.889	
12,100.00	7,175.87	11,883.62	6,971.19	93.01	94.51	-65.72	100.50	6,096.96	500.13	323.93	176.20	2.838	
12,200.00	7,175.39	11,983.62	6,970.69	94.65	96.15	-65.71	100.54	6,196.96	500.09	320.81	179.28	2.789	
12,300.00	7,174.91	12,083.62	6,970.20	96.29	97.80	-65.71	100.59	6,296.95	500.04	317.68	182.36	2.742	
12,400.00	7,174.44	12,183.62	6,969.71	97.93	99.44	-65.70	100.63	6,396.95	500.00	314.56	185.44	2.696	
12,500.00	7,173.96	12,283.62	6,969.21	99.57	101.08	-65.70	100.67	6,496.95	499.95	311.43	188.52	2.652	
12,600.00	7,173.49	12,383.62	6,968.72	101.21	102.73	-65.69	100.72	6,596.95	499.91	308.30	191.61	2.609	
12,700.00	7,173.01	12,483.62	6,968.22	102.86	104.37	-65.69	100.76	6,696.95	499.86	305.16	194.70	2.567	
12,800.00	7,172.54	12,583.62	6,967.73	104.50	106.02	-65.68	100.81	6,796.95	499.82	302.03	197.78	2.527	
12,900.00	7,172.06	12,683.62	6,967.23	106.15	107.67	-65.68	100.85	6,896.95	499.77	298.90	200.87	2.488	
13,000.00	7,171.59	12,783.62	6,966.74	107.79	109.31	-65.67	100.89	6,996.95	499.72	295.76	203.97	2.450	
13,100.00	7,171.11	12,883.62	6,966.24	109.44	110.96	-65.67	100.94	7,096.94	499.68	292.62	207.06	2.413	
13,200.00	7,170.64	12,983.62	6,965.75	111.09	112.61	-65.66	100.98	7,196.94	499.63	289.48	210.15	2.377	
13,300.00	7,170.16	13,083.62	6,965.26	112.74	114.26	-65.66	101.03	7,296.94	499.59	286.34	213.25	2.343	
13,400.00	7,169.68	13,183.62	6,964.76	114.39	115.91	-65.66	101.07	7,396.94	499.54	283.20	216.35	2.309	
13,500.00	7,169.21	13,283.62	6,964.27	116.04	117.57	-65.65	101.12	7,496.94	499.50	280.05	219.44	2.276	
13,600.00	7,168.73	13,383.62	6,963.77	117.69	119.22	-65.65	101.16	7,596.94	499.45	276.91	222.54	2.244	
13,700.00	7,168.26	13,483.62	6,963.28	119.34	120.87	-65.64	101.20	7,696.94	499.41	273.76	225.64	2.213	
13,800.00	7,167.78	13,583.62	6,962.78	120.99	122.52	-65.64	101.25	7,796.94	499.36	270.62	228.74	2.183	
13,900.00	7,167.31	13,683.62	6,962.29	122.64	124.18	-65.63	101.29	7,896.93	499.32	267.47	231.85	2.154	
14,000.00	7,166.83	13,783.62	6,961.79	124.29	125.83	-65.63	101.34	7,996.93	499.27	264.32	234.95	2.125	
14,100.00	7,166.36	13,883.62	6,961.30	125.95	127.49	-65.62	101.38	8,096.93	499.23	261.17	238.05	2.097	
14,200.00	7,165.88	13,983.62	6,960.81	127.60	129.14	-65.62	101.43	8,196.93	499.18	258.02	241.16	2.070	
14,300.00	7,165.40	14,083.62	6,960.31	129.26	130.80	-65.61	101.47	8,296.93	499.13	254.87	244.26	2.043	
14,400.00	7,164.93	14,183.62	6,959.82	130.91	132.45	-65.61	101.51	8,396.93	499.09	251.72	247.37	2.018	
14,500.00	7,164.45	14,283.62	6,959.32	132.57	134.11	-65.60	101.56	8,496.93	499.04	248.57	250.48	1.992	
14,600.00	7,163.98	14,383.62	6,958.83	134.22	135.77	-65.60	101.60	8,596.93	499.00	245.41	253.58	1.968	
14,700.00	7,163.50	14,483.62	6,958.33	135.88	137.42	-65.59	101.65	8,696.92	498.95	242.26	256.69	1.944	
14,800.00	7,163.03	14,583.62	6,957.84	137.54	139.08	-65.59	101.69	8,796.92	498.91	239.11	259.80	1.920	
14,900.00	7,162.55	14,683.62	6,957.34	139.19	140.74	-65.58	101.73	8,896.92	498.86	235.95	262.91	1.897	
15,000.00	7,162.08	14,783.62	6,956.85	140.85	142.40	-65.58	101.78	8,996.92	498.82	232.80	266.02	1.875	
15,100.00	7,161.60	14,883.62	6,956.36	142.51	144.06	-65.57	101.82	9,096.92	498.77	229.64	269.13	1.853	
15,200.00	7,161.13	14,983.62	6,955.86	144.17	145.71	-65.57	101.87	9,196.92	498.73	226.49	272.24	1.832	
15,300.00	7,160.65	15,083.62	6,955.37	145.82	147.37	-65.57	101.91	9,296.92	498.68	223.33	275.35	1.811	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	7,160.17	15,183.62	6,954.87	147.48	149.03	-65.56	101.96	9,396.92	498.64	220.17	278.46	1.791	
15,500.00	7,159.70	15,283.62	6,954.38	149.14	150.69	-65.56	102.00	9,496.91	498.59	217.01	281.58	1.771	
15,600.00	7,159.22	15,383.62	6,953.88	150.80	152.35	-65.55	102.04	9,596.91	498.55	213.86	284.69	1.751	
15,700.00	7,158.75	15,483.62	6,953.39	152.46	154.01	-65.55	102.09	9,696.91	498.50	210.70	287.80	1.732	
15,800.00	7,158.27	15,583.62	6,952.89	154.12	155.67	-65.54	102.13	9,796.91	498.45	207.54	290.92	1.713	
15,900.00	7,157.80	15,683.62	6,952.40	155.78	157.34	-65.54	102.18	9,896.91	498.41	204.38	294.03	1.695	
16,000.00	7,157.32	15,783.62	6,951.91	157.44	159.00	-65.53	102.22	9,996.91	498.36	201.22	297.14	1.677	
16,100.00	7,156.85	15,883.62	6,951.41	159.10	160.66	-65.53	102.27	10,096.91	498.32	198.06	300.26	1.660	
16,200.00	7,156.37	15,983.62	6,950.92	160.76	162.32	-65.52	102.31	10,196.91	498.27	194.90	303.37	1.642	
16,300.00	7,155.89	16,083.62	6,950.42	162.42	163.98	-65.52	102.35	10,296.90	498.23	191.74	306.49	1.626	
16,400.00	7,155.42	16,183.62	6,949.93	164.08	165.64	-65.51	102.40	10,396.90	498.18	188.58	309.60	1.609	
16,500.00	7,154.94	16,283.62	6,949.43	165.75	167.31	-65.51	102.44	10,496.90	498.14	185.42	312.72	1.593	
16,600.00	7,154.47	16,383.62	6,948.94	167.41	168.97	-65.50	102.49	10,596.90	498.09	182.26	315.84	1.577	
16,700.00	7,153.99	16,483.62	6,948.44	169.07	170.63	-65.50	102.53	10,696.90	498.05	179.09	318.95	1.562	
16,800.00	7,153.52	16,583.62	6,947.95	170.73	172.29	-65.49	102.57	10,796.90	498.00	175.93	322.07	1.546	
16,900.00	7,153.04	16,683.62	6,947.46	172.39	173.96	-65.49	102.62	10,896.90	497.96	172.77	325.19	1.531	
17,000.00	7,152.57	16,783.62	6,946.96	174.06	175.62	-65.48	102.66	10,996.90	497.91	169.61	328.30	1.517	
17,100.00	7,152.09	16,883.62	6,946.47	175.72	177.28	-65.48	102.71	11,096.89	497.87	166.45	331.42	1.502	
17,200.00	7,151.62	16,983.62	6,945.97	177.38	178.95	-65.47	102.75	11,196.89	497.82	163.28	334.54	1.488	Level 3
17,300.00	7,151.14	17,083.62	6,945.48	179.05	180.61	-65.47	102.80	11,296.89	497.78	160.12	337.66	1.474	Level 3
17,400.00	7,150.66	17,183.62	6,944.98	180.71	182.28	-65.46	102.84	11,396.89	497.73	156.96	340.77	1.461	Level 3
17,500.00	7,150.19	17,283.62	6,944.49	182.37	183.94	-65.46	102.88	11,496.89	497.68	153.79	343.89	1.447	Level 3
17,600.00	7,149.71	17,383.62	6,943.99	184.04	185.60	-65.46	102.93	11,596.89	497.64	150.63	347.01	1.434	Level 3
17,700.00	7,149.24	17,483.62	6,943.50	185.70	187.27	-65.45	102.97	11,696.89	497.59	147.47	350.13	1.421	Level 3
17,800.00	7,148.76	17,583.62	6,943.01	187.37	188.93	-65.45	103.02	11,796.89	497.55	144.30	353.25	1.409	Level 3
17,900.00	7,148.29	17,683.62	6,942.51	189.03	190.60	-65.44	103.06	11,896.88	497.50	141.14	356.36	1.396	Level 3
18,000.00	7,147.81	17,783.62	6,942.02	190.69	192.26	-65.44	103.11	11,996.88	497.46	137.98	359.48	1.384	Level 3
18,060.31	7,147.52	17,843.93	6,941.72	191.70	193.27	-65.43	103.13	12,057.19	497.43	136.07	361.36	1.377	Level 3, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	2.00	2.00	3.28	3.28	-89.58	0.73	-99.95	99.95					
100.00	100.00	102.00	102.00	3.28	3.28	-89.58	0.73	-99.95	99.95	92.42	7.53	13.275		
200.00	200.00	202.07	202.07	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.196		
300.00	299.98	305.45	305.42	3.35	3.35	163.11	1.37	-98.12	99.86	92.20	7.66	13.039		
395.48	395.33	404.07	403.90	3.41	3.42	165.02	3.13	-93.09	99.79	92.02	7.77	12.841 CC		
400.00	399.84	408.74	408.55	3.41	3.42	165.14	3.24	-92.78	99.79	92.01	7.78	12.831 ES		
500.00	499.45	511.86	511.24	3.50	3.52	168.51	6.34	-83.95	99.98	92.05	7.94	12.600		
600.00	598.70	614.73	613.28	3.62	3.65	173.15	10.65	-71.67	100.85	92.71	8.14	12.391		
700.00	697.47	717.26	714.45	3.77	3.81	178.91	16.14	-56.00	102.87	94.48	8.40	12.253		
800.00	796.01	818.63	813.86	3.96	4.02	-174.48	22.71	-37.29	104.71	95.99	8.72	12.010		
900.00	894.55	917.85	910.98	4.18	4.25	-167.94	29.43	-18.13	107.24	98.12	9.12	11.759		
1,000.00	993.09	1,017.08	1,008.11	4.42	4.51	-161.78	36.15	1.03	111.12	101.54	9.58	11.601		
1,100.00	1,091.63	1,116.30	1,105.23	4.68	4.80	-156.09	42.87	20.20	116.20	106.11	10.09	11.517		
1,200.00	1,190.17	1,215.53	1,202.36	4.96	5.10	-150.92	49.60	39.36	122.34	111.69	10.65	11.491		
1,300.00	1,288.71	1,314.75	1,299.48	5.25	5.42	-146.27	56.32	58.52	129.38	118.14	11.24	11.508		
1,400.00	1,387.25	1,413.98	1,396.61	5.55	5.75	-142.12	63.04	77.69	137.19	125.32	11.87	11.557		
1,500.00	1,485.79	1,513.20	1,493.73	5.87	6.09	-138.43	69.76	96.85	145.64	133.12	12.52	11.628		
1,600.00	1,584.34	1,612.43	1,590.85	6.19	6.44	-135.15	76.48	116.01	154.63	141.43	13.20	11.715		
1,700.00	1,682.88	1,711.65	1,687.98	6.52	6.80	-132.24	83.21	135.18	164.07	150.18	13.89	11.812		
1,800.00	1,781.42	1,810.88	1,785.10	6.85	7.15	-129.65	89.93	154.34	173.89	159.31	14.58	11.930		
1,900.00	1,879.96	1,910.10	1,882.23	7.04	7.34	-127.34	96.65	173.50	184.02	169.43	14.58	12.618		
2,000.00	1,978.50	2,009.33	1,979.35	7.08	7.38	-125.27	103.37	192.67	194.41	179.71	14.70	13.227		
2,100.00	2,077.04	2,108.55	2,076.48	7.13	7.45	-123.41	110.09	211.83	205.04	190.20	14.84	13.816		
2,200.00	2,175.58	2,207.78	2,173.60	7.20	7.53	-121.74	116.82	230.99	215.85	200.84	15.01	14.380		
2,300.00	2,274.12	2,307.00	2,270.73	7.29	7.63	-120.23	123.54	250.16	226.83	211.63	15.21	14.915		
2,400.00	2,372.66	2,406.22	2,367.85	7.39	7.75	-118.85	130.26	269.32	237.96	222.52	15.43	15.418		
2,500.00	2,471.20	2,505.45	2,464.97	7.51	7.88	-117.60	136.98	288.48	249.20	233.52	15.69	15.888		
2,600.00	2,569.74	2,604.67	2,562.10	7.64	8.02	-116.46	143.70	307.65	260.56	244.60	15.96	16.324		
2,700.00	2,668.28	2,703.90	2,659.22	7.78	8.17	-115.42	150.43	326.81	272.01	255.74	16.26	16.726		
2,800.00	2,766.83	2,803.12	2,756.35	7.94	8.34	-114.45	157.15	345.97	283.54	266.95	16.59	17.094		
2,900.00	2,865.37	2,902.35	2,853.47	8.11	8.52	-113.57	163.87	365.14	295.14	278.21	16.93	17.429		
3,000.00	2,963.91	3,001.57	2,950.60	8.28	8.71	-112.75	170.59	384.30	306.81	289.51	17.30	17.733		
3,100.00	3,062.45	3,100.80	3,047.72	8.47	8.92	-111.99	177.31	403.46	318.53	300.84	17.69	18.008		
3,200.00	3,160.99	3,200.02	3,144.85	8.67	9.13	-111.28	184.04	422.63	330.31	312.21	18.09	18.255		
3,300.00	3,259.53	3,300.75	3,241.97	8.88	9.35	-110.63	190.76	441.79	342.13	323.61	18.52	18.473		
3,400.00	3,358.07	3,401.53	3,339.09	9.09	9.58	-110.01	197.48	460.95	353.99	335.03	18.96	18.668		
3,500.00	3,456.61	3,502.30	3,436.22	9.31	9.82	-109.44	204.20	480.12	365.89	346.47	19.42	18.840		
3,600.00	3,555.15	3,603.08	3,533.34	9.54	10.07	-108.90	210.92	499.28	377.83	357.94	19.89	18.993		
3,700.00	3,653.69	3,703.85	3,630.47	9.78	10.33	-108.40	217.65	518.44	389.80	369.42	20.38	19.127		
3,800.00	3,752.23	3,804.63	3,727.59	10.02	10.59	-107.93	224.37	537.61	401.79	380.91	20.88	19.245		
3,900.00	3,850.77	3,905.40	3,824.72	10.27	10.85	-107.48	231.09	556.77	413.81	392.42	21.39	19.349		
4,000.00	3,949.31	4,006.18	3,921.84	10.52	11.13	-107.06	237.81	575.93	425.85	403.94	21.91	19.439		
4,100.00	4,047.86	4,093.05	4,018.97	10.78	11.37	-106.66	244.54	595.10	437.91	415.52	22.40	19.551		
4,200.00	4,146.40	4,207.73	4,116.09	11.05	11.69	-106.28	251.26	614.26	450.00	427.02	22.98	19.585		
4,300.00	4,244.94	4,291.50	4,213.21	11.31	11.92	-105.93	257.98	633.42	462.10	438.62	23.48	19.684		
4,400.00	4,343.48	4,409.28	4,310.34	11.59	12.26	-105.59	264.70	652.58	474.22	450.14	24.08	19.693		
4,500.00	4,442.02	4,489.95	4,407.46	11.86	12.50	-105.27	271.42	671.75	486.35	461.77	24.58	19.783		
4,600.00	4,540.56	4,589.17	4,504.59	12.14	12.79	-104.96	278.15	690.91	498.50	473.35	25.15	19.821		
4,700.00	4,639.10	4,688.40	4,601.71	12.42	13.09	-104.67	284.87	710.07	510.66	484.94	25.72	19.853		
4,800.00	4,737.64	4,787.62	4,698.84	12.71	13.39	-104.39	291.59	729.24	522.84	496.54	26.30	19.880		
4,900.00	4,836.18	4,886.85	4,795.96	13.00	13.69	-104.12	298.31	748.40	535.02	508.14	26.88	19.902		
5,000.00	4,934.72	4,986.07	4,893.09	13.29	14.00	-103.87	305.03	767.56	547.22	519.75	27.47	19.920		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	5,085.30	4,990.21	13.58	14.30	-103.63	311.76	786.73	559.43	531.36	28.07	19.933		
5,200.00	5,131.80	5,184.52	5,087.34	13.87	14.61	-103.40	318.48	805.89	571.65	542.98	28.66	19.943		
5,300.00	5,230.34	5,283.75	5,184.46	14.17	14.92	-103.17	325.20	825.05	583.87	554.60	29.27	19.951		
5,400.00	5,328.89	5,382.97	5,281.58	14.47	15.24	-102.96	331.92	844.22	596.10	566.23	29.87	19.955		
5,500.00	5,427.43	5,482.20	5,378.71	14.77	15.55	-102.75	338.64	863.38	608.35	577.86	30.48	19.957		
5,600.00	5,525.97	5,581.42	5,475.83	15.08	15.87	-102.56	345.37	882.54	620.59	589.50	31.10	19.957		
5,700.00	5,624.51	5,680.65	5,572.96	15.38	16.19	-102.37	352.09	901.71	632.85	601.14	31.71	19.954		
5,800.00	5,723.05	5,779.87	5,670.08	15.69	16.51	-102.19	358.81	920.87	645.11	612.78	32.34	19.951		
5,900.00	5,821.59	5,879.10	5,767.21	16.00	16.84	-102.01	365.53	940.03	657.38	624.42	32.96	19.945		
6,000.00	5,920.13	5,978.32	5,864.33	16.31	17.16	-101.84	372.25	959.20	669.66	636.07	33.59	19.939		
6,100.00	6,018.67	6,077.55	5,961.46	16.62	17.48	-101.68	378.98	978.36	681.94	647.72	34.22	19.931		
6,200.00	6,117.21	6,176.77	6,058.58	16.93	17.81	-101.52	385.70	997.52	694.22	659.37	34.85	19.922		
6,300.00	6,215.75	6,276.00	6,155.70	17.24	18.14	-101.37	392.42	1,016.69	706.51	671.03	35.48	19.912		
6,400.00	6,314.29	6,375.22	6,252.83	17.56	18.47	-101.23	399.14	1,035.85	718.81	682.69	36.12	19.901		
6,500.00	6,412.83	6,474.45	6,349.95	17.87	18.80	-101.08	405.86	1,055.01	731.11	694.35	36.76	19.890		
6,600.00	6,511.38	6,573.67	6,447.08	18.19	19.13	-100.95	412.59	1,074.18	743.41	706.01	37.40	19.878		
6,700.00	6,609.92	6,672.89	6,544.20	18.51	19.46	-100.82	419.31	1,093.34	755.72	717.68	38.04	19.866		
6,800.00	6,708.16	6,769.09	6,638.28	18.84	19.79	-95.03	425.82	1,112.29	767.87	729.18	38.68	19.849		
6,900.00	6,803.11	6,856.43	6,721.51	19.25	20.15	-89.16	431.63	1,137.89	779.27	739.85	39.42	19.767		
7,000.00	6,892.11	6,944.09	6,800.75	19.76	20.60	-86.40	437.21	1,174.81	789.82	749.46	40.35	19.574		
7,100.00	6,972.96	7,032.33	6,874.64	20.36	21.14	-84.83	442.49	1,222.63	799.26	757.79	41.48	19.270		
7,200.00	7,043.67	7,121.37	6,941.78	21.07	21.78	-83.93	447.35	1,280.78	807.43	764.62	42.81	18.862		
7,300.00	7,102.50	7,211.43	7,000.80	21.87	22.52	-83.51	451.71	1,348.57	814.15	769.81	44.35	18.359		
7,400.00	7,148.01	7,302.72	7,050.28	22.77	23.35	-83.46	455.45	1,425.10	819.32	773.22	46.09	17.775		
7,500.00	7,179.07	7,395.45	7,088.85	23.75	24.29	-83.75	458.49	1,509.29	822.84	774.80	48.04	17.129		
7,600.00	7,194.92	7,489.81	7,115.15	24.79	25.31	-84.34	460.72	1,599.79	824.67	774.52	50.14	16.446		
7,700.00	7,196.79	7,586.09	7,127.94	25.88	26.39	-85.07	462.05	1,695.12	825.01	772.65	52.36	15.757		
7,800.00	7,196.31	7,685.20	7,128.75	27.02	27.54	-85.16	462.59	1,794.21	825.33	770.66	54.67	15.096		
7,900.00	7,195.84	7,785.20	7,128.32	28.22	28.75	-85.17	463.04	1,894.20	825.68	768.58	57.09	14.462		
8,000.00	7,195.36	7,885.20	7,127.90	29.47	30.00	-85.17	463.49	1,994.20	826.02	766.42	59.60	13.859		
8,100.00	7,194.89	7,985.20	7,127.47	30.75	31.29	-85.18	463.94	2,094.20	826.37	764.17	62.19	13.288		
8,200.00	7,194.41	8,085.20	7,127.04	32.08	32.61	-85.19	464.40	2,194.20	826.71	761.86	64.85	12.748		
8,300.00	7,193.93	8,185.20	7,126.61	33.44	33.97	-85.19	464.85	2,294.19	827.05	759.49	67.57	12.240		
8,400.00	7,193.46	8,285.20	7,126.19	34.82	35.35	-85.20	465.30	2,394.19	827.40	757.06	70.34	11.763		
8,500.00	7,192.98	8,385.20	7,125.76	36.23	36.75	-85.20	465.76	2,494.19	827.74	754.58	73.16	11.314		
8,600.00	7,192.51	8,485.19	7,125.33	37.66	38.18	-85.21	466.21	2,594.19	828.09	752.06	76.02	10.892		
8,700.00	7,192.03	8,585.19	7,124.91	39.11	39.62	-85.21	466.66	2,694.18	828.43	749.51	78.93	10.496		
8,800.00	7,191.56	8,685.19	7,124.48	40.58	41.09	-85.22	467.11	2,794.18	828.78	746.92	81.86	10.124		
8,900.00	7,191.08	8,785.19	7,124.05	42.07	42.56	-85.22	467.57	2,894.18	829.12	744.30	84.82	9.775		
9,000.00	7,190.61	8,885.19	7,123.63	43.56	44.05	-85.23	468.02	2,994.18	829.47	741.65	87.82	9.445		
9,100.00	7,190.13	8,985.19	7,123.20	45.07	45.56	-85.23	468.47	3,094.17	829.81	738.98	90.83	9.136		
9,200.00	7,189.66	9,085.19	7,122.77	46.59	47.07	-85.24	468.92	3,194.17	830.16	736.29	93.87	8.844		
9,300.00	7,189.18	9,185.19	7,122.34	48.13	48.60	-85.24	469.38	3,294.17	830.50	733.57	96.93	8.568		
9,400.00	7,188.70	9,285.19	7,121.92	49.67	50.13	-85.25	469.83	3,394.17	830.85	730.84	100.01	8.308		
9,500.00	7,188.23	9,385.19	7,121.49	51.22	51.68	-85.26	470.28	3,494.16	831.19	728.09	103.10	8.062		
9,600.00	7,187.75	9,485.19	7,121.06	52.77	53.23	-85.26	470.73	3,594.16	831.54	725.33	106.21	7.829		
9,700.00	7,187.28	9,585.19	7,120.64	54.34	54.79	-85.27	471.19	3,694.16	831.88	722.55	109.33	7.609		
9,800.00	7,186.80	9,685.19	7,120.21	55.91	56.35	-85.27	471.64	3,794.16	832.23	719.76	112.46	7.400		
9,900.00	7,186.33	9,785.19	7,119.78	57.48	57.92	-85.28	472.09	3,894.15	832.57	716.96	115.61	7.202		
10,000.00	7,185.85	9,885.19	7,119.35	59.06	59.50	-85.28	472.55	3,994.15	832.92	714.15	118.76	7.013		
10,100.00	7,185.38	9,985.19	7,118.93	60.65	61.08	-85.29	473.00	4,094.15	833.26	711.33	121.93	6.834		
10,200.00	7,184.90	10,085.18	7,118.50	62.24	62.67	-85.29	473.45	4,194.14	833.61	708.50	125.11	6.663		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,184.42	10,185.18	7,118.07	63.83	64.26	-85.30	473.90	4,294.14	833.95	705.66	128.29	6.500		
10,400.00	7,183.95	10,285.18	7,117.65	65.43	65.85	-85.30	474.36	4,394.14	834.30	702.81	131.48	6.345		
10,500.00	7,183.47	10,385.18	7,117.22	67.04	67.45	-85.31	474.81	4,494.14	834.64	699.96	134.68	6.197		
10,600.00	7,183.00	10,485.18	7,116.79	68.64	69.05	-85.31	475.26	4,594.13	834.99	697.10	137.89	6.056		
10,700.00	7,182.52	10,585.18	7,116.36	70.25	70.66	-85.32	475.71	4,694.13	835.33	694.23	141.10	5.920		
10,800.00	7,182.05	10,685.18	7,115.94	71.86	72.26	-85.32	476.17	4,794.13	835.68	691.36	144.32	5.791		
10,900.00	7,181.57	10,785.18	7,115.51	73.48	73.87	-85.33	476.62	4,894.13	836.02	688.48	147.54	5.666		
11,000.00	7,181.10	10,885.18	7,115.08	75.09	75.49	-85.33	477.07	4,994.12	836.37	685.60	150.77	5.547		
11,100.00	7,180.62	10,985.18	7,114.66	76.71	77.10	-85.34	477.52	5,094.12	836.71	682.71	154.00	5.433		
11,200.00	7,180.15	11,085.18	7,114.23	78.33	78.72	-85.35	477.98	5,194.12	837.06	679.82	157.24	5.323		
11,300.00	7,179.67	11,185.18	7,113.80	79.96	80.34	-85.35	478.43	5,294.12	837.40	676.92	160.48	5.218		
11,400.00	7,179.19	11,285.18	7,113.37	81.58	81.97	-85.36	478.88	5,394.11	837.75	674.02	163.73	5.117		
11,500.00	7,178.72	11,385.18	7,112.95	83.21	83.59	-85.36	479.33	5,494.11	838.09	671.11	166.98	5.019		
11,600.00	7,178.24	11,485.18	7,112.52	84.84	85.22	-85.37	479.79	5,594.11	838.44	668.21	170.23	4.925		
11,700.00	7,177.77	11,585.18	7,112.09	86.47	86.84	-85.37	480.24	5,694.11	838.78	665.29	173.49	4.835		
11,800.00	7,177.29	11,685.17	7,111.67	88.11	88.47	-85.38	480.69	5,794.10	839.13	662.38	176.75	4.748		
11,900.00	7,176.82	11,785.17	7,111.24	89.74	90.11	-85.38	481.15	5,894.10	839.47	659.46	180.01	4.663		
12,000.00	7,176.34	11,885.17	7,110.81	91.38	91.74	-85.39	481.60	5,994.10	839.82	656.54	183.27	4.582		
12,100.00	7,175.87	11,985.17	7,110.39	93.01	93.37	-85.39	482.05	6,094.10	840.16	653.62	186.54	4.504		
12,200.00	7,175.39	12,085.17	7,109.96	94.65	95.01	-85.40	482.50	6,194.09	840.51	650.69	189.81	4.428		
12,300.00	7,174.91	12,185.17	7,109.53	96.29	96.64	-85.40	482.96	6,294.09	840.85	647.76	193.09	4.355		
12,400.00	7,174.44	12,285.17	7,109.10	97.93	98.28	-85.41	483.41	6,394.09	841.20	644.83	196.36	4.284		
12,500.00	7,173.96	12,385.17	7,108.68	99.57	99.92	-85.41	483.86	6,494.09	841.54	641.90	199.64	4.215		
12,600.00	7,173.49	12,485.17	7,108.25	101.21	101.56	-85.42	484.31	6,594.08	841.89	638.97	202.92	4.149		
12,700.00	7,173.01	12,585.17	7,107.82	102.86	103.20	-85.42	484.77	6,694.08	842.23	636.03	206.20	4.084		
12,800.00	7,172.54	12,685.17	7,107.40	104.50	104.85	-85.43	485.22	6,794.08	842.58	633.09	209.49	4.022		
12,900.00	7,172.06	12,785.17	7,106.97	106.15	106.49	-85.43	485.67	6,894.08	842.92	630.15	212.77	3.962		
13,000.00	7,171.59	12,885.17	7,106.54	107.79	108.13	-85.44	486.12	6,994.07	843.27	627.21	216.06	3.903		
13,100.00	7,171.11	12,985.17	7,106.11	109.44	109.78	-85.44	486.58	7,094.07	843.61	624.26	219.35	3.846		
13,200.00	7,170.64	13,085.17	7,105.69	111.09	111.42	-85.45	487.03	7,194.07	843.96	621.32	222.64	3.791		
13,300.00	7,170.16	13,185.17	7,105.26	112.74	113.07	-85.45	487.48	7,294.07	844.30	618.37	225.93	3.737		
13,400.00	7,169.68	13,285.16	7,104.83	114.39	114.72	-85.46	487.93	7,394.06	844.65	615.42	229.22	3.685		
13,500.00	7,169.21	13,385.16	7,104.41	116.04	116.36	-85.46	488.39	7,494.06	844.99	612.47	232.52	3.634		
13,600.00	7,168.73	13,485.16	7,103.98	117.69	118.01	-85.47	488.84	7,594.06	845.34	609.52	235.81	3.585		
13,700.00	7,168.26	13,585.16	7,103.55	119.34	119.66	-85.47	489.29	7,694.06	845.68	606.57	239.11	3.537		
13,800.00	7,167.78	13,685.16	7,103.12	120.99	121.31	-85.48	489.75	7,794.05	846.03	603.62	242.41	3.490		
13,900.00	7,167.31	13,785.16	7,102.70	122.64	122.96	-85.49	490.20	7,894.05	846.37	600.66	245.71	3.445		
14,000.00	7,166.83	13,885.16	7,102.27	124.29	124.61	-85.49	490.65	7,994.05	846.72	597.71	249.01	3.400		
14,100.00	7,166.36	13,985.16	7,101.84	125.95	126.27	-85.50	491.10	8,094.05	847.06	594.75	252.31	3.357		
14,200.00	7,165.88	14,085.16	7,101.42	127.60	127.92	-85.50	491.56	8,194.04	847.41	591.79	255.61	3.315		
14,300.00	7,165.40	14,185.16	7,100.99	129.26	129.57	-85.51	492.01	8,294.04	847.75	588.83	258.92	3.274		
14,400.00	7,164.93	14,285.16	7,100.56	130.91	131.22	-85.51	492.46	8,394.04	848.10	585.87	262.22	3.234		
14,500.00	7,164.45	14,385.16	7,100.13	132.57	132.88	-85.52	492.91	8,494.03	848.44	582.91	265.53	3.195		
14,600.00	7,163.98	14,485.16	7,099.71	134.22	134.53	-85.52	493.37	8,594.03	848.79	579.95	268.84	3.157		
14,700.00	7,163.50	14,585.16	7,099.28	135.88	136.19	-85.53	493.82	8,694.03	849.13	576.99	272.14	3.120		
14,800.00	7,163.03	14,685.16	7,098.85	137.54	137.84	-85.53	494.27	8,794.03	849.48	574.03	275.45	3.084		
14,900.00	7,162.55	14,785.16	7,098.43	139.19	139.50	-85.54	494.72	8,894.02	849.82	571.06	278.76	3.049		
15,000.00	7,162.08	14,885.16	7,098.00	140.85	141.15	-85.54	495.18	8,994.02	850.17	568.10	282.07	3.014		
15,100.00	7,161.60	14,985.15	7,097.57	142.51	142.81	-85.55	495.63	9,094.02	850.51	565.13	285.38	2.980		
15,200.00	7,161.13	15,085.15	7,097.15	144.17	144.46	-85.55	496.08	9,194.02	850.86	562.17	288.69	2.947		
15,300.00	7,160.65	15,185.15	7,096.72	145.82	146.12	-85.56	496.54	9,294.01	851.20	559.20	292.01	2.915		
15,400.00	7,160.17	15,285.15	7,096.29	147.48	147.78	-85.56	496.99	9,394.01	851.55	556.23	295.32	2.883		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,385.15	7,095.86	149.14	149.44	-85.57	497.44	9,494.01	851.90	553.26	298.63	2.853	
15,600.00	7,159.22	15,485.15	7,095.44	150.80	151.09	-85.57	497.89	9,594.01	852.24	550.29	301.95	2.822	
15,700.00	7,158.75	15,585.15	7,095.01	152.46	152.75	-85.58	498.35	9,694.00	852.59	547.33	305.26	2.793	
15,800.00	7,158.27	15,685.15	7,094.58	154.12	154.41	-85.58	498.80	9,794.00	852.93	544.35	308.58	2.764	
15,900.00	7,157.80	15,785.15	7,094.16	155.78	156.07	-85.59	499.25	9,894.00	853.28	541.38	311.89	2.736	
16,000.00	7,157.32	15,885.15	7,093.73	157.44	157.73	-85.59	499.70	9,994.00	853.62	538.41	315.21	2.708	
16,100.00	7,156.85	15,985.15	7,093.30	159.10	159.39	-85.60	500.16	10,093.99	853.97	535.44	318.53	2.681	
16,200.00	7,156.37	16,085.15	7,092.87	160.76	161.05	-85.60	500.61	10,193.99	854.31	532.47	321.84	2.654	
16,300.00	7,155.89	16,185.15	7,092.45	162.42	162.71	-85.61	501.06	10,293.99	854.66	529.50	325.16	2.628	
16,400.00	7,155.42	16,285.15	7,092.02	164.08	164.37	-85.61	501.51	10,393.99	855.00	526.52	328.48	2.603	
16,500.00	7,154.94	16,385.15	7,091.59	165.75	166.03	-85.62	501.97	10,493.98	855.35	523.55	331.80	2.578	
16,600.00	7,154.47	16,485.15	7,091.17	167.41	167.69	-85.62	502.42	10,593.98	855.69	520.57	335.12	2.553	
16,700.00	7,153.99	16,585.14	7,090.74	169.07	169.35	-85.63	502.87	10,693.98	856.04	517.60	338.44	2.529	
16,800.00	7,153.52	16,685.14	7,090.31	170.73	171.01	-85.63	503.32	10,793.98	856.38	514.63	341.76	2.506	
16,900.00	7,153.04	16,785.14	7,089.88	172.39	172.67	-85.64	503.78	10,893.97	856.73	511.65	345.08	2.483	
17,000.00	7,152.57	16,885.14	7,089.46	174.06	174.33	-85.64	504.23	10,993.97	857.07	508.67	348.40	2.460	
17,100.00	7,152.09	16,985.14	7,089.03	175.72	175.99	-85.65	504.68	11,093.97	857.42	505.70	351.72	2.438	
17,200.00	7,151.62	17,085.14	7,088.60	177.38	177.66	-85.65	505.14	11,193.97	857.77	502.72	355.04	2.416	
17,300.00	7,151.14	17,185.14	7,088.18	179.05	179.32	-85.66	505.59	11,293.96	858.11	499.74	358.37	2.395	
17,400.00	7,150.66	17,285.14	7,087.75	180.71	180.98	-85.66	506.04	11,393.96	858.46	496.77	361.69	2.373	
17,500.00	7,150.19	17,385.14	7,087.32	182.37	182.64	-85.67	506.49	11,493.96	858.80	493.79	365.01	2.353	
17,600.00	7,149.71	17,485.14	7,086.90	184.04	184.31	-85.67	506.95	11,593.96	859.15	490.81	368.34	2.333	
17,700.00	7,149.24	17,585.14	7,086.47	185.70	185.97	-85.68	507.40	11,693.95	859.49	487.83	371.66	2.313	
17,800.00	7,148.76	17,685.14	7,086.04	187.37	187.63	-85.68	507.85	11,793.95	859.84	484.85	374.99	2.293	
17,900.00	7,148.29	17,785.14	7,085.61	189.03	189.30	-85.69	508.30	11,893.95	860.18	481.87	378.31	2.274	
18,000.00	7,147.81	17,885.14	7,085.19	190.69	190.96	-85.69	508.76	11,993.95	860.53	478.89	381.63	2.255	
18,060.31	7,147.52	17,945.44	7,084.93	191.70	191.96	-85.70	509.03	12,054.25	860.74	477.10	383.64	2.244 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	-89.74	0.36	-80.18	80.18					
100.00	100.00	102.00	102.00	3.28	3.28	-89.74	0.36	-80.18	80.18	72.65	7.53	10.650		
200.00	200.00	202.00	202.00	3.31	3.31	-89.74	0.36	-80.18	80.18	72.61	7.57	10.586	CC, ES	
300.00	299.98	303.17	303.15	3.35	3.35	163.72	1.92	-79.86	81.56	73.90	7.66	10.648		
400.00	399.84	406.02	405.92	3.41	3.42	166.44	4.28	-76.47	83.45	75.68	7.78	10.729		
500.00	499.45	508.86	508.48	3.50	3.51	169.94	6.87	-69.40	85.42	77.49	7.94	10.765		
600.00	598.70	611.66	610.67	3.62	3.62	174.15	9.67	-58.67	87.69	79.56	8.13	10.782		
700.00	697.47	714.40	712.34	3.77	3.78	178.98	12.69	-44.29	90.48	82.11	8.38	10.803		
800.00	796.01	816.44	812.77	3.96	3.96	-175.68	15.90	-26.49	92.08	83.41	8.67	10.620		
900.00	894.55	916.06	910.60	4.18	4.18	-170.33	19.09	-7.99	93.45	84.41	9.04	10.336		
1,000.00	993.09	1,015.67	1,008.43	4.42	4.43	-165.18	22.29	10.50	95.61	86.15	9.46	10.105		
1,100.00	1,091.63	1,115.28	1,106.25	4.68	4.69	-160.30	25.48	29.00	98.51	88.58	9.93	9.922		
1,200.00	1,190.17	1,214.89	1,204.08	4.96	4.98	-155.72	28.67	47.49	102.09	91.64	10.44	9.777		
1,300.00	1,288.71	1,314.51	1,301.91	5.25	5.28	-151.47	31.87	65.99	106.27	95.28	10.99	9.666		
1,400.00	1,387.25	1,414.12	1,399.74	5.55	5.59	-147.57	35.06	84.48	111.00	99.41	11.58	9.583		
1,500.00	1,485.79	1,513.73	1,497.57	5.87	5.91	-143.99	38.26	102.97	116.20	103.99	12.20	9.522		
1,600.00	1,584.34	1,613.34	1,595.40	6.19	6.25	-140.74	41.45	121.47	121.81	108.96	12.85	9.480		
1,700.00	1,682.88	1,712.96	1,693.23	6.52	6.59	-137.77	44.65	139.96	127.78	114.26	13.52	9.454		
1,800.00	1,781.42	1,812.57	1,791.06	6.85	6.91	-135.08	47.84	158.46	134.06	119.88	14.18	9.454		
1,900.00	1,879.96	1,912.18	1,888.88	7.04	7.09	-132.63	51.04	176.95	140.61	126.43	14.18	9.914		
2,000.00	1,978.50	2,011.80	1,986.71	7.08	7.13	-130.41	54.23	195.44	147.40	133.09	14.31	10.301		
2,100.00	2,077.04	2,111.41	2,084.54	7.13	7.19	-128.38	57.42	213.94	154.39	139.93	14.46	10.676		
2,200.00	2,175.58	2,211.02	2,182.37	7.20	7.27	-126.53	60.62	232.43	161.55	146.91	14.64	11.034		
2,300.00	2,274.12	2,310.63	2,280.20	7.29	7.37	-124.83	63.81	250.93	168.87	154.02	14.85	11.373		
2,400.00	2,372.66	2,410.25	2,378.03	7.39	7.48	-123.28	67.01	269.42	176.32	161.24	15.08	11.691		
2,500.00	2,471.20	2,509.86	2,475.86	7.51	7.60	-121.86	70.20	287.92	183.89	168.55	15.34	11.987		
2,600.00	2,569.74	2,609.47	2,573.69	7.64	7.74	-120.55	73.40	306.41	191.57	175.94	15.63	12.260		
2,700.00	2,668.28	2,709.08	2,671.51	7.78	7.89	-119.34	76.59	324.90	199.34	183.40	15.93	12.511		
2,800.00	2,766.83	2,808.70	2,769.34	7.94	8.05	-118.22	79.79	343.40	207.19	190.92	16.26	12.740		
2,900.00	2,865.37	2,908.31	2,867.17	8.11	8.22	-117.18	82.98	361.89	215.11	198.49	16.61	12.947		
3,000.00	2,963.91	3,007.92	2,965.00	8.28	8.41	-116.22	86.17	380.39	223.10	206.11	16.99	13.134		
3,100.00	3,062.45	3,107.54	3,062.83	8.47	8.61	-115.32	89.37	398.88	231.14	213.76	17.38	13.301		
3,200.00	3,160.99	3,207.15	3,160.66	8.67	8.81	-114.48	92.56	417.37	239.24	221.45	17.79	13.451		
3,300.00	3,259.53	3,306.76	3,258.49	8.88	9.02	-113.70	95.76	435.87	247.39	229.17	18.21	13.584		
3,400.00	3,358.07	3,406.37	3,356.32	9.09	9.25	-112.97	98.95	454.36	255.57	236.92	18.65	13.702		
3,500.00	3,456.61	3,505.99	3,454.14	9.31	9.48	-112.28	102.15	472.86	263.80	244.69	19.11	13.805		
3,600.00	3,555.15	3,605.60	3,551.97	9.54	9.71	-111.64	105.34	491.35	272.07	252.49	19.58	13.896		
3,700.00	3,653.69	3,705.21	3,649.80	9.78	9.96	-111.03	108.54	509.85	280.36	260.30	20.06	13.976		
3,800.00	3,752.23	3,804.83	3,747.63	10.02	10.21	-110.46	111.73	528.34	288.68	268.13	20.55	14.045		
3,900.00	3,850.77	3,904.44	3,845.46	10.27	10.46	-109.92	114.92	546.83	297.04	275.98	21.06	14.105		
4,000.00	3,949.31	4,004.05	3,943.29	10.52	10.72	-109.41	118.12	565.33	305.41	283.84	21.57	14.156		
4,100.00	4,047.86	4,103.66	4,041.12	10.78	10.99	-108.93	121.31	583.82	313.81	291.71	22.10	14.200		
4,200.00	4,146.40	4,203.28	4,138.95	11.05	11.26	-108.47	124.51	602.32	322.23	299.60	22.63	14.237		
4,300.00	4,244.94	4,302.89	4,236.77	11.31	11.54	-108.04	127.70	620.81	330.67	307.49	23.18	14.268		
4,400.00	4,343.48	4,402.50	4,334.60	11.59	11.81	-107.63	130.90	639.30	339.13	315.40	23.73	14.294		
4,500.00	4,442.02	4,502.11	4,432.43	11.86	12.10	-107.23	134.09	657.80	347.60	323.32	24.28	14.315		
4,600.00	4,540.56	4,601.73	4,530.26	12.14	12.38	-106.86	137.29	676.29	356.09	331.24	24.85	14.332		
4,700.00	4,639.10	4,701.34	4,628.09	12.42	12.67	-106.50	140.48	694.79	364.59	339.18	25.42	14.345		
4,800.00	4,737.64	4,800.95	4,725.92	12.71	12.96	-106.16	143.67	713.28	373.11	347.12	25.99	14.355		
4,900.00	4,836.18	4,900.57	4,823.75	13.00	13.26	-105.84	146.87	731.78	381.64	355.07	26.57	14.362		
5,000.00	4,934.72	5,000.18	4,921.58	13.29	13.56	-105.53	150.06	750.27	390.18	363.02	27.16	14.366		
5,100.00	5,033.26	5,100.21	5,019.40	13.58	13.86	-105.23	153.26	768.76	398.73	370.98	27.75	14.367		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,131.80	5,200.60	5,117.23	13.87	14.16	-104.95	156.45	787.26	407.30	378.94	28.35	14.366	
5,300.00	5,230.34	5,300.98	5,215.06	14.17	14.47	-104.67	159.65	805.75	415.87	386.91	28.95	14.363	
5,400.00	5,328.89	5,401.37	5,312.89	14.47	14.78	-104.41	162.84	824.25	424.45	394.89	29.56	14.359	
5,500.00	5,427.43	5,501.76	5,410.72	14.77	15.09	-104.16	166.04	842.74	433.04	402.87	30.17	14.353	
5,600.00	5,525.97	5,602.15	5,508.55	15.08	15.40	-103.92	169.23	861.23	441.63	410.85	30.78	14.346	
5,700.00	5,624.51	5,702.53	5,606.38	15.38	15.72	-103.68	172.42	879.73	450.24	418.84	31.40	14.338	
5,800.00	5,723.05	5,802.92	5,704.21	15.69	16.03	-103.46	175.62	898.22	458.85	426.83	32.02	14.329	
5,900.00	5,821.59	5,903.31	5,802.03	16.00	16.35	-103.24	178.81	916.72	467.47	434.83	32.64	14.320	
6,000.00	5,920.13	6,003.69	5,899.86	16.31	16.67	-103.04	182.01	935.21	476.09	442.82	33.27	14.310	
6,100.00	6,018.67	6,104.08	5,997.69	16.62	16.99	-102.84	185.20	953.71	484.73	450.83	33.90	14.299	
6,200.00	6,117.21	6,204.47	6,095.52	16.93	17.31	-102.64	188.40	972.20	493.36	458.83	34.53	14.288	
6,300.00	6,215.75	6,295.14	6,193.35	17.24	17.60	-102.46	191.59	990.69	502.00	466.87	35.13	14.289	
6,400.00	6,314.29	6,405.24	6,291.18	17.56	17.95	-102.27	194.79	1,009.19	510.65	474.85	35.80	14.264	
6,500.00	6,412.83	6,505.63	6,389.01	17.87	18.28	-102.10	197.98	1,027.68	519.30	482.87	36.44	14.252	
6,600.00	6,511.38	6,606.02	6,486.84	18.19	18.61	-101.93	201.17	1,046.18	527.96	490.88	37.08	14.239	
6,700.00	6,609.92	6,706.41	6,584.66	18.51	18.93	-101.77	204.37	1,064.67	536.62	498.90	37.72	14.227	
6,800.00	6,708.16	6,793.21	6,682.50	18.84	19.22	-96.19	207.56	1,083.17	545.10	506.78	38.33	14.223	
6,900.00	6,803.11	6,881.84	6,768.07	19.25	19.55	-91.03	210.66	1,105.74	553.04	514.00	39.04	14.166	
7,000.00	6,892.11	6,971.21	6,850.33	19.76	19.98	-88.91	214.24	1,140.30	561.05	521.11	39.94	14.048	
7,100.00	6,972.96	7,061.44	6,927.64	20.36	20.51	-87.92	218.25	1,186.52	568.97	527.95	41.03	13.868	
7,200.00	7,043.67	7,152.78	6,998.43	21.07	21.14	-87.53	222.63	1,243.95	576.70	534.37	42.33	13.625	
7,300.00	7,102.50	7,245.46	7,061.09	21.87	21.87	-87.53	227.31	1,311.96	584.09	540.25	43.84	13.323	
7,400.00	7,148.01	7,339.72	7,114.00	22.77	22.72	-87.80	232.22	1,389.71	591.03	545.45	45.58	12.968	
7,500.00	7,179.07	7,435.77	7,155.50	23.75	23.66	-88.31	237.27	1,476.09	597.39	549.87	47.52	12.572	
7,600.00	7,194.92	7,533.83	7,183.96	24.79	24.71	-89.01	242.34	1,569.69	603.04	553.41	49.63	12.151	
7,700.00	7,196.79	7,634.22	7,197.85	25.88	25.83	-89.90	247.33	1,668.88	607.94	556.08	51.86	11.722	
7,800.00	7,196.31	7,735.02	7,198.72	27.02	27.00	-90.03	252.08	1,769.55	612.55	558.36	54.20	11.302	
7,900.00	7,195.84	7,834.92	7,198.26	28.22	28.20	-90.03	256.76	1,869.33	617.13	560.52	56.61	10.901	
8,000.00	7,195.36	7,934.81	7,197.79	29.47	29.44	-90.03	261.44	1,969.11	621.71	562.59	59.12	10.516	
8,100.00	7,194.89	8,034.71	7,197.33	30.75	30.73	-90.03	266.12	2,068.90	626.29	564.59	61.71	10.149	
8,200.00	7,194.41	8,134.60	7,196.86	32.08	32.05	-90.03	270.79	2,168.68	630.87	566.51	64.36	9.802	
8,300.00	7,193.93	8,234.50	7,196.40	33.44	33.40	-90.03	275.47	2,268.47	635.45	568.37	67.08	9.473	
8,400.00	7,193.46	8,334.39	7,195.94	34.82	34.78	-90.03	280.15	2,368.25	640.03	570.18	69.85	9.163	
8,500.00	7,192.98	8,434.29	7,195.47	36.23	36.18	-90.03	284.83	2,468.04	644.61	571.94	72.67	8.870	
8,600.00	7,192.51	8,534.18	7,195.01	37.66	37.60	-90.03	289.50	2,567.82	649.19	573.66	75.53	8.595	
8,700.00	7,192.03	8,634.08	7,194.54	39.11	39.05	-90.03	294.18	2,667.61	653.77	575.34	78.43	8.336	
8,800.00	7,191.56	8,733.97	7,194.08	40.58	40.51	-90.03	298.86	2,767.39	658.35	576.99	81.36	8.091	
8,900.00	7,191.08	8,833.87	7,193.62	42.07	41.98	-90.03	303.54	2,867.17	662.93	578.60	84.33	7.861	
9,000.00	7,190.61	8,933.76	7,193.15	43.56	43.47	-90.03	308.21	2,966.96	667.51	580.19	87.32	7.645	
9,100.00	7,190.13	9,033.66	7,192.69	45.07	44.97	-90.04	312.89	3,066.74	672.09	581.76	90.33	7.440	
9,200.00	7,189.66	9,133.55	7,192.23	46.59	46.48	-90.04	317.57	3,166.53	676.67	583.30	93.37	7.247	
9,300.00	7,189.18	9,233.45	7,191.76	48.13	48.01	-90.04	322.25	3,266.31	681.25	584.83	96.43	7.065	
9,400.00	7,188.70	9,333.34	7,191.30	49.67	49.54	-90.04	326.92	3,366.10	685.83	586.33	99.50	6.893	
9,500.00	7,188.23	9,433.24	7,190.83	51.22	51.08	-90.04	331.60	3,465.88	690.41	587.82	102.59	6.730	
9,600.00	7,187.75	9,533.13	7,190.37	52.77	52.63	-90.04	336.28	3,565.67	694.99	589.29	105.70	6.575	
9,700.00	7,187.28	9,633.03	7,189.91	54.34	54.18	-90.04	340.95	3,665.45	699.57	590.75	108.82	6.429	
9,800.00	7,186.80	9,732.92	7,189.44	55.91	55.74	-90.04	345.63	3,765.23	704.15	592.20	111.95	6.290	
9,900.00	7,186.33	9,832.82	7,188.98	57.48	57.31	-90.04	350.31	3,865.02	708.73	593.64	115.09	6.158	
10,000.00	7,185.85	9,932.71	7,188.51	59.06	58.88	-90.04	354.99	3,964.80	713.31	595.06	118.25	6.032	
10,100.00	7,185.38	10,041.99	7,188.01	60.65	60.61	-90.04	359.86	4,073.96	717.71	596.09	121.61	5.902	
10,200.00	7,184.90	10,175.45	7,187.39	62.24	62.73	-90.04	361.26	4,207.41	718.65	593.29	125.36	5.733	
10,300.00	7,184.42	10,272.46	7,186.93	63.83	64.27	-90.04	360.44	4,304.41	717.70	589.19	128.51	5.585	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,183.95	10,372.46	7,186.47	65.43	65.87	-90.04	359.58	4,404.40	716.73	585.02	131.71	5.442	
10,500.00	7,183.47	10,472.45	7,186.00	67.04	67.47	-90.04	358.71	4,504.39	715.77	580.85	134.92	5.305	
10,600.00	7,183.00	10,572.45	7,185.54	68.64	69.07	-90.05	357.84	4,604.39	714.80	576.67	138.13	5.175	
10,700.00	7,182.52	10,672.44	7,185.07	70.25	70.67	-90.05	356.98	4,704.38	713.83	572.48	141.35	5.050	
10,800.00	7,182.05	10,772.44	7,184.60	71.86	72.28	-90.05	356.11	4,804.37	712.86	568.28	144.58	4.931	
10,900.00	7,181.57	10,872.43	7,184.14	73.48	73.90	-90.05	355.25	4,904.36	711.89	564.09	147.81	4.816	
11,000.00	7,181.10	10,972.43	7,183.67	75.09	75.51	-90.05	354.38	5,004.35	710.92	559.88	151.04	4.707	
11,100.00	7,180.62	11,072.42	7,183.21	76.71	77.13	-90.05	353.52	5,104.34	709.95	555.67	154.28	4.602	
11,200.00	7,180.15	11,172.42	7,182.74	78.33	78.75	-90.05	352.65	5,204.33	708.99	551.46	157.53	4.501	
11,300.00	7,179.67	11,272.41	7,182.27	79.96	80.37	-90.05	351.78	5,304.32	708.02	547.24	160.77	4.404	
11,400.00	7,179.19	11,372.41	7,181.81	81.58	81.99	-90.05	350.92	5,404.31	707.05	543.02	164.03	4.311	
11,500.00	7,178.72	11,472.40	7,181.34	83.21	83.62	-90.05	350.05	5,504.30	706.08	538.80	167.28	4.221	
11,600.00	7,178.24	11,572.40	7,180.88	84.84	85.25	-90.05	349.19	5,604.29	705.11	534.57	170.54	4.135	
11,700.00	7,177.77	11,672.39	7,180.41	86.47	86.87	-90.06	348.32	5,704.28	704.14	530.34	173.81	4.051	
11,800.00	7,177.29	11,772.39	7,179.95	88.11	88.51	-90.06	347.45	5,804.27	703.17	526.10	177.07	3.971	
11,900.00	7,176.82	11,872.39	7,179.48	89.74	90.14	-90.06	346.59	5,904.26	702.21	521.86	180.34	3.894	
12,000.00	7,176.34	11,972.38	7,179.01	91.38	91.77	-90.06	345.72	6,004.25	701.24	517.62	183.61	3.819	
12,100.00	7,175.87	12,072.38	7,178.55	93.01	93.41	-90.06	344.86	6,104.24	700.27	513.38	186.89	3.747	
12,200.00	7,175.39	12,172.37	7,178.08	94.65	95.04	-90.06	343.99	6,204.23	699.30	509.13	190.17	3.677	
12,300.00	7,174.91	12,272.37	7,177.62	96.29	96.68	-90.06	343.12	6,304.22	698.33	504.89	193.44	3.610	
12,400.00	7,174.44	12,372.36	7,177.15	97.93	98.32	-90.06	342.26	6,404.21	697.36	500.64	196.73	3.545	
12,500.00	7,173.96	12,472.36	7,176.69	99.57	99.96	-90.06	341.39	6,504.20	696.39	496.38	200.01	3.482	
12,600.00	7,173.49	12,572.35	7,176.22	101.21	101.60	-90.06	340.53	6,604.19	695.43	492.13	203.30	3.421	
12,700.00	7,173.01	12,672.35	7,175.75	102.86	103.25	-90.06	339.66	6,704.19	694.46	487.87	206.58	3.362	
12,800.00	7,172.54	12,772.34	7,175.29	104.50	104.89	-90.06	338.79	6,804.18	693.49	483.61	209.87	3.304	
12,900.00	7,172.06	12,872.34	7,174.82	106.15	106.53	-90.07	337.93	6,904.17	692.52	479.35	213.17	3.249	
13,000.00	7,171.59	12,972.33	7,174.36	107.79	108.18	-90.07	337.06	7,004.16	691.55	475.09	216.46	3.195	
13,100.00	7,171.11	13,072.33	7,173.89	109.44	109.82	-90.07	336.20	7,104.15	690.58	470.83	219.75	3.143	
13,200.00	7,170.64	13,172.32	7,173.42	111.09	111.47	-90.07	335.33	7,204.14	689.61	466.56	223.05	3.092	
13,300.00	7,170.16	13,272.32	7,172.96	112.74	113.12	-90.07	334.46	7,304.13	688.65	462.30	226.35	3.042	
13,400.00	7,169.68	13,372.31	7,172.49	114.39	114.77	-90.07	333.60	7,404.12	687.68	458.03	229.65	2.995	
13,500.00	7,169.21	13,472.31	7,172.03	116.04	116.42	-90.07	332.73	7,504.11	686.71	453.76	232.95	2.948	
13,600.00	7,168.73	13,572.31	7,171.56	117.69	118.07	-90.07	331.87	7,604.10	685.74	449.49	236.25	2.903	
13,700.00	7,168.26	13,672.30	7,171.10	119.34	119.72	-90.07	331.00	7,704.09	684.77	445.22	239.55	2.859	
13,800.00	7,167.78	13,772.30	7,170.63	120.99	121.37	-90.07	330.13	7,804.08	683.80	440.95	242.86	2.816	
13,900.00	7,167.31	13,872.29	7,170.16	122.64	123.02	-90.07	329.27	7,904.07	682.83	436.67	246.16	2.774	
14,000.00	7,166.83	13,972.29	7,169.70	124.29	124.67	-90.08	328.40	8,004.06	681.86	432.40	249.47	2.733	
14,100.00	7,166.36	14,072.28	7,169.23	125.95	126.33	-90.08	327.54	8,104.05	680.90	428.12	252.78	2.694	
14,200.00	7,165.88	14,172.28	7,168.77	127.60	127.98	-90.08	326.67	8,204.04	679.93	423.84	256.08	2.655	
14,300.00	7,165.40	14,272.27	7,168.30	129.26	129.63	-90.08	325.80	8,304.03	678.96	419.57	259.39	2.617	
14,400.00	7,164.93	14,372.27	7,167.83	130.91	131.29	-90.08	324.94	8,404.02	677.99	415.29	262.70	2.581	
14,500.00	7,164.45	14,472.26	7,167.37	132.57	132.94	-90.08	324.07	8,504.01	677.02	411.01	266.01	2.545	
14,600.00	7,163.98	14,572.26	7,166.90	134.22	134.60	-90.08	323.21	8,604.00	676.05	406.73	269.33	2.510	
14,700.00	7,163.50	14,672.25	7,166.44	135.88	136.25	-90.08	322.34	8,703.99	675.09	402.45	272.64	2.476	
14,800.00	7,163.03	14,772.25	7,165.97	137.54	137.91	-90.08	321.48	8,803.99	674.12	398.16	275.95	2.443	
14,900.00	7,162.55	14,872.24	7,165.51	139.19	139.57	-90.08	320.61	8,903.98	673.15	393.88	279.27	2.410	
15,000.00	7,162.08	14,972.24	7,165.04	140.85	141.22	-90.08	319.74	9,003.97	672.18	389.60	282.58	2.379	
15,100.00	7,161.60	15,072.24	7,164.57	142.51	142.88	-90.09	318.88	9,103.96	671.21	385.31	285.90	2.348	
15,200.00	7,161.13	15,172.23	7,164.11	144.17	144.54	-90.09	318.01	9,203.95	670.24	381.03	289.22	2.317	
15,300.00	7,160.65	15,272.23	7,163.64	145.82	146.20	-90.09	317.15	9,303.94	669.27	376.74	292.53	2.288	
15,400.00	7,160.17	15,372.22	7,163.18	147.48	147.86	-90.09	316.28	9,403.93	668.31	372.45	295.85	2.259	
15,500.00	7,159.70	15,472.22	7,162.71	149.14	149.51	-90.09	315.41	9,503.92	667.34	368.17	299.17	2.231	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,159.22	15,572.21	7,162.24	150.80	151.17	-90.09	314.55	9,603.91	666.37	363.88	302.49	2.203	
15,700.00	7,158.75	15,672.21	7,161.78	152.46	152.83	-90.09	313.68	9,703.90	665.40	359.59	305.81	2.176	
15,800.00	7,158.27	15,772.20	7,161.31	154.12	154.49	-90.09	312.82	9,803.89	664.43	355.30	309.13	2.149	
15,900.00	7,157.80	15,872.20	7,160.85	155.78	156.15	-90.09	311.95	9,903.88	663.46	351.01	312.45	2.123	
16,000.00	7,157.32	15,972.19	7,160.38	157.44	157.81	-90.09	311.08	10,003.87	662.49	346.72	315.77	2.098	
16,100.00	7,156.85	16,072.19	7,159.92	159.10	159.47	-90.10	310.22	10,103.86	661.53	342.43	319.09	2.073	
16,200.00	7,156.37	16,172.18	7,159.45	160.76	161.14	-90.10	309.35	10,203.85	660.56	338.14	322.42	2.049	
16,300.00	7,155.89	16,272.18	7,158.98	162.42	162.80	-90.10	308.49	10,303.84	659.59	333.85	325.74	2.025	
16,400.00	7,155.42	16,372.17	7,158.52	164.08	164.46	-90.10	307.62	10,403.83	658.62	329.56	329.06	2.001	
16,500.00	7,154.94	16,472.17	7,158.05	165.75	166.12	-90.10	306.75	10,503.82	657.65	325.26	332.39	1.979	
16,600.00	7,154.47	16,572.16	7,157.59	167.41	167.78	-90.10	305.89	10,603.81	656.68	320.97	335.71	1.956	
16,700.00	7,153.99	16,672.16	7,157.12	169.07	169.44	-90.10	305.02	10,703.80	655.71	316.68	339.04	1.934	
16,800.00	7,153.52	16,772.16	7,156.66	170.73	171.11	-90.10	304.16	10,803.79	654.75	312.38	342.36	1.912	
16,900.00	7,153.04	16,872.15	7,156.19	172.39	172.77	-90.10	303.29	10,903.79	653.78	308.09	345.69	1.891	
17,000.00	7,152.57	16,972.15	7,155.72	174.06	174.43	-90.10	302.42	11,003.78	652.81	303.79	349.01	1.870	
17,100.00	7,152.09	17,072.14	7,155.26	175.72	176.09	-90.11	301.56	11,103.77	651.84	299.50	352.34	1.850	
17,200.00	7,151.62	17,172.14	7,154.79	177.38	177.76	-90.11	300.69	11,203.76	650.87	295.20	355.67	1.830	
17,300.00	7,151.14	17,272.13	7,154.33	179.05	179.42	-90.11	299.83	11,303.75	649.90	290.91	358.99	1.810	
17,400.00	7,150.66	17,372.13	7,153.86	180.71	181.08	-90.11	298.96	11,403.74	648.93	286.61	362.32	1.791	
17,500.00	7,150.19	17,472.12	7,153.39	182.37	182.75	-90.11	298.09	11,503.73	647.97	282.32	365.65	1.772	
17,600.00	7,149.71	17,572.12	7,152.93	184.04	184.41	-90.11	297.23	11,603.72	647.00	278.02	368.98	1.753	
17,700.00	7,149.24	17,672.11	7,152.46	185.70	186.08	-90.11	296.36	11,703.71	646.03	273.72	372.31	1.735	
17,800.00	7,148.76	17,772.11	7,152.00	187.37	187.74	-90.11	295.50	11,803.70	645.06	269.42	375.63	1.717	
17,900.00	7,148.29	17,872.10	7,151.53	189.03	189.41	-90.11	294.63	11,903.69	644.09	265.13	378.96	1.700	
18,000.00	7,147.81	17,972.10	7,151.07	190.69	191.07	-90.11	293.76	12,003.68	643.12	260.83	382.29	1.682	
18,060.31	7,147.52	18,032.40	7,150.78	191.70	192.07	-90.11	293.24	12,063.98	642.54	258.24	384.30	1.672 SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.65	1.09	-180.13	180.13				
100.00	100.00	103.00	103.00	3.28	3.28	-89.65	1.09	-180.13	180.13	172.61	7.53	23.925	
200.00	200.00	203.00	203.00	3.31	3.31	-89.65	1.09	-180.13	180.13	172.56	7.57	23.780	CC, ES
300.00	299.98	303.13	303.13	3.35	3.35	162.51	1.09	-180.13	181.80	174.13	7.66	23.726	
400.00	399.84	408.01	407.99	3.41	3.42	163.41	2.43	-178.60	185.36	177.57	7.79	23.791	
500.00	499.45	512.70	512.51	3.50	3.52	165.37	6.28	-174.18	189.70	181.74	7.96	23.833	
600.00	598.70	616.99	616.35	3.62	3.64	168.27	12.61	-166.93	195.16	186.98	8.17	23.879	
700.00	697.47	720.69	719.18	3.77	3.78	171.97	21.36	-156.90	202.17	193.74	8.44	23.964	
800.00	796.01	823.81	820.89	3.96	3.96	176.25	32.49	-144.15	209.25	200.51	8.74	23.929	
900.00	894.55	926.22	921.25	4.18	4.18	-178.97	45.91	-128.76	215.53	206.42	9.11	23.649	
1,000.00	993.09	1,027.69	1,019.89	4.42	4.44	-173.71	61.52	-110.86	221.63	212.08	9.55	23.203	
1,100.00	1,091.63	1,127.97	1,116.49	4.68	4.74	-168.00	79.20	-90.59	228.26	218.19	10.07	22.675	
1,200.00	1,190.17	1,225.16	1,209.54	4.96	5.08	-162.34	97.66	-69.43	236.46	225.81	10.65	22.200	
1,300.00	1,288.71	1,322.02	1,302.26	5.25	5.45	-157.10	116.07	-48.32	246.90	235.62	11.28	21.880	
1,400.00	1,387.25	1,418.88	1,394.98	5.55	5.84	-152.29	134.49	-27.22	259.32	247.36	11.95	21.693	
1,500.00	1,485.79	1,515.74	1,487.70	5.87	6.25	-147.94	152.90	-6.11	273.43	260.78	12.65	21.613	
1,600.00	1,584.34	1,612.59	1,580.41	6.19	6.68	-144.01	171.32	15.00	289.00	275.64	13.37	21.617	
1,700.00	1,682.88	1,709.45	1,673.13	6.52	7.11	-140.49	189.73	36.11	305.81	291.71	14.10	21.685	
1,800.00	1,781.42	1,806.31	1,765.85	6.85	7.54	-137.33	208.14	57.22	323.65	308.82	14.83	21.819	
1,900.00	1,879.96	1,903.17	1,858.57	7.04	7.79	-134.51	226.56	78.33	342.37	327.51	14.87	23.027	
2,000.00	1,978.50	2,000.03	1,951.29	7.08	7.86	-131.97	244.97	99.43	361.84	346.86	14.97	24.167	
2,100.00	2,077.04	2,103.12	2,044.01	7.13	7.96	-129.69	263.38	120.54	381.93	366.81	15.12	25.267	
2,200.00	2,175.58	2,206.26	2,136.73	7.20	8.08	-127.63	281.80	141.65	402.55	387.26	15.29	26.324	
2,300.00	2,274.12	2,309.40	2,229.45	7.29	8.22	-125.78	300.21	162.76	423.64	408.13	15.50	27.326	
2,400.00	2,372.66	2,387.46	2,322.17	7.39	8.34	-124.10	318.63	183.87	445.11	429.40	15.71	28.340	
2,500.00	2,471.20	2,484.31	2,414.89	7.51	8.51	-122.57	337.04	204.98	466.92	450.95	15.96	29.247	
2,600.00	2,569.74	2,581.17	2,507.61	7.64	8.69	-121.18	355.45	226.08	489.02	472.77	16.25	30.090	
2,700.00	2,668.28	2,678.03	2,600.32	7.78	8.89	-119.90	373.87	247.19	511.38	494.81	16.57	30.869	
2,800.00	2,766.83	2,774.89	2,693.04	7.94	9.11	-118.74	392.28	268.30	533.96	517.05	16.91	31.584	
2,900.00	2,865.37	2,871.75	2,785.76	8.11	9.33	-117.66	410.69	289.41	556.73	539.46	17.27	32.238	
3,000.00	2,963.91	2,968.60	2,878.48	8.28	9.58	-116.68	429.11	310.52	579.68	562.02	17.66	32.832	
3,100.00	3,062.45	3,065.46	2,971.20	8.47	9.83	-115.76	447.52	331.63	602.78	584.71	18.06	33.370	
3,200.00	3,160.99	3,162.32	3,063.92	8.67	10.09	-114.91	465.94	352.73	626.01	607.52	18.49	33.856	
3,300.00	3,259.53	3,259.18	3,156.64	8.88	10.36	-114.13	484.35	373.84	649.37	630.43	18.94	34.292	
3,400.00	3,358.07	3,356.04	3,249.36	9.09	10.64	-113.40	502.76	394.95	672.83	653.43	19.40	34.683	
3,500.00	3,456.61	3,452.89	3,342.08	9.31	10.93	-112.71	521.18	416.06	696.40	676.52	19.88	35.033	
3,600.00	3,555.15	3,549.75	3,434.80	9.54	11.23	-112.07	539.59	437.17	720.05	699.67	20.37	35.345	
3,700.00	3,653.69	3,646.61	3,527.52	9.78	11.54	-111.47	558.00	458.28	743.78	722.90	20.88	35.623	
3,800.00	3,752.23	3,743.47	3,620.23	10.02	11.85	-110.91	576.42	479.38	767.58	746.18	21.40	35.869	
3,900.00	3,850.77	3,840.33	3,712.95	10.27	12.17	-110.39	594.83	500.49	791.45	769.51	21.93	36.087	
4,000.00	3,949.31	3,937.18	3,805.67	10.52	12.49	-109.89	613.24	521.60	815.37	792.90	22.47	36.280	
4,100.00	4,047.86	4,034.04	3,898.39	10.78	12.82	-109.42	631.66	542.71	839.36	816.33	23.03	36.449	
4,200.00	4,146.40	4,130.90	3,991.11	11.05	13.16	-108.98	650.07	563.82	863.39	839.80	23.59	36.599	
4,300.00	4,244.94	4,227.76	4,083.83	11.31	13.49	-108.56	668.49	584.93	887.47	863.31	24.16	36.729	
4,400.00	4,343.48	4,324.62	4,176.55	11.59	13.84	-108.16	686.90	606.04	911.59	886.85	24.74	36.844	
4,500.00	4,442.02	4,421.47	4,269.27	11.86	14.18	-107.79	705.31	627.14	935.75	910.42	25.33	36.943	
4,600.00	4,540.56	4,518.33	4,361.99	12.14	14.53	-107.43	723.73	648.25	959.95	934.02	25.92	37.030	
4,700.00	4,639.10	4,615.19	4,454.71	12.42	14.89	-107.09	742.14	669.36	984.18	957.65	26.52	37.104	
4,800.00	4,737.64	4,712.05	4,547.43	12.71	15.24	-106.76	760.55	690.47	1,008.44	981.31	27.13	37.168	
4,900.00	4,836.18	4,808.91	4,640.15	13.00	15.60	-106.46	778.97	711.58	1,032.73	1,004.99	27.75	37.222	
5,000.00	4,934.72	4,905.76	4,732.86	13.29	15.97	-106.16	797.38	732.69	1,057.05	1,028.68	28.36	37.268	
5,100.00	5,033.26	5,002.62	4,825.58	13.58	16.33	-105.88	815.80	753.79	1,081.39	1,052.40	28.99	37.306	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,131.80	5,100.52	4,918.30	13.87	16.70	-105.61	834.21	774.90	1,105.76	1,076.14	29.62	37.333		
5,300.00	5,230.34	5,203.66	5,011.02	14.17	17.10	-105.35	852.62	796.01	1,130.14	1,099.87	30.27	37.330		
5,400.00	5,328.89	5,306.80	5,103.74	14.47	17.49	-105.11	871.04	817.12	1,154.55	1,123.62	30.93	37.322		
5,500.00	5,427.43	5,409.95	5,196.46	14.77	17.89	-104.87	889.45	838.23	1,178.98	1,147.38	31.60	37.311		
5,600.00	5,525.97	5,486.91	5,289.18	15.08	18.19	-104.64	907.86	859.34	1,203.43	1,171.26	32.17	37.409		
5,700.00	5,624.51	5,583.77	5,381.90	15.38	18.57	-104.43	926.28	880.44	1,227.89	1,195.07	32.82	37.415		
5,800.00	5,723.05	5,680.63	5,474.62	15.69	18.94	-104.22	944.69	901.55	1,252.37	1,218.90	33.47	37.419		
5,900.00	5,821.59	5,777.49	5,567.34	16.00	19.32	-104.02	963.11	922.66	1,276.86	1,242.74	34.12	37.419		
6,000.00	5,920.13	5,874.34	5,660.06	16.31	19.71	-103.82	981.52	943.77	1,301.37	1,266.59	34.78	37.417		
6,100.00	6,018.67	5,971.20	5,752.77	16.62	20.09	-103.64	999.93	964.88	1,325.90	1,290.46	35.44	37.412		
6,200.00	6,117.21	6,068.06	5,845.49	16.93	20.47	-103.46	1,018.35	985.99	1,350.43	1,314.33	36.10	37.405		
6,300.00	6,215.75	6,164.92	5,938.21	17.24	20.86	-103.28	1,036.76	1,007.09	1,374.98	1,338.21	36.77	37.396		
6,400.00	6,314.29	6,261.78	6,030.93	17.56	21.24	-103.12	1,055.17	1,028.20	1,399.54	1,362.10	37.44	37.385		
6,500.00	6,412.83	6,358.63	6,123.65	17.87	21.63	-102.95	1,073.59	1,049.31	1,424.10	1,386.00	38.10	37.373		
6,600.00	6,511.38	6,455.49	6,216.37	18.19	22.02	-102.80	1,092.00	1,070.42	1,448.68	1,409.91	38.78	37.360		
6,700.00	6,609.92	6,552.35	6,309.09	18.51	22.41	-102.65	1,110.42	1,091.53	1,473.27	1,433.82	39.45	37.345		
6,800.00	6,708.16	6,649.27	6,401.87	18.84	22.80	-96.31	1,128.84	1,112.65	1,497.71	1,457.57	40.14	37.314		
6,900.00	6,803.11	6,745.88	6,494.35	19.25	23.19	-89.60	1,147.21	1,133.70	1,520.61	1,479.69	40.92	37.156		
7,000.00	6,892.11	6,840.01	6,584.45	19.76	23.57	-86.52	1,165.10	1,154.22	1,541.55	1,499.73	41.82	36.859		
7,100.00	6,972.96	6,929.34	6,669.97	20.36	23.93	-85.02	1,182.09	1,173.69	1,560.74	1,517.92	42.82	36.449		
7,200.00	7,043.67	7,011.68	6,748.79	21.07	24.27	-84.36	1,197.74	1,191.63	1,578.77	1,534.87	43.90	35.962		
7,300.00	7,102.50	7,095.82	6,828.46	21.87	24.63	-84.31	1,213.58	1,213.40	1,596.29	1,551.16	45.13	35.373		
7,400.00	7,148.01	7,191.31	6,914.62	22.77	25.13	-84.74	1,230.76	1,250.56	1,613.15	1,566.54	46.61	34.610		
7,500.00	7,179.07	7,302.08	7,006.41	23.75	25.83	-85.68	1,249.13	1,309.53	1,628.94	1,580.54	48.39	33.661		
7,600.00	7,194.92	7,436.07	7,101.94	24.79	26.85	-87.21	1,268.38	1,401.13	1,642.96	1,592.40	50.56	32.498		
7,700.00	7,196.79	7,606.59	7,192.84	25.88	28.38	-89.73	1,286.91	1,543.59	1,654.07	1,600.85	53.21	31.083		
7,800.00	7,196.31	7,829.11	7,250.30	27.02	30.70	-91.75	1,299.11	1,757.06	1,660.20	1,603.63	56.57	29.349		
7,900.00	7,195.84	7,963.23	7,253.12	28.22	32.18	-91.87	1,300.19	1,891.09	1,660.79	1,601.55	59.23	28.038		
8,000.00	7,195.36	8,063.23	7,253.29	29.47	33.32	-91.89	1,300.61	1,991.08	1,661.13	1,599.45	61.68	26.933		
8,100.00	7,194.89	8,163.23	7,253.45	30.75	34.51	-91.92	1,301.04	2,091.08	1,661.47	1,597.27	64.20	25.879		
8,200.00	7,194.41	8,263.23	7,253.62	32.08	35.74	-91.94	1,301.46	2,191.08	1,661.82	1,595.02	66.80	24.878		
8,300.00	7,193.93	8,363.22	7,253.78	33.44	37.00	-91.96	1,301.89	2,291.07	1,662.16	1,592.70	69.46	23.930		
8,400.00	7,193.46	8,463.22	7,253.95	34.82	38.29	-91.98	1,302.31	2,391.07	1,662.50	1,590.33	72.18	23.034		
8,500.00	7,192.98	8,563.22	7,254.11	36.23	39.61	-92.00	1,302.74	2,491.07	1,662.85	1,587.90	74.95	22.187		
8,600.00	7,192.51	8,663.22	7,254.28	37.66	40.96	-92.02	1,303.16	2,591.06	1,663.19	1,585.43	77.76	21.389		
8,700.00	7,192.03	8,763.21	7,254.44	39.11	42.33	-92.05	1,303.59	2,691.06	1,663.54	1,582.93	80.61	20.636		
8,800.00	7,191.56	8,863.21	7,254.61	40.58	43.72	-92.07	1,304.01	2,791.05	1,663.88	1,580.38	83.50	19.926		
8,900.00	7,191.08	8,963.21	7,254.78	42.07	45.12	-92.09	1,304.44	2,891.05	1,664.23	1,577.80	86.42	19.256		
9,000.00	7,190.61	9,063.21	7,254.94	43.56	46.55	-92.11	1,304.86	2,991.05	1,664.57	1,575.20	89.38	18.624		
9,100.00	7,190.13	9,163.20	7,255.11	45.07	47.99	-92.13	1,305.29	3,091.04	1,664.92	1,572.56	92.35	18.028		
9,200.00	7,189.66	9,263.20	7,255.27	46.59	49.45	-92.15	1,305.71	3,191.04	1,665.26	1,569.91	95.36	17.464		
9,300.00	7,189.18	9,363.20	7,255.44	48.13	50.91	-92.18	1,306.13	3,291.04	1,665.61	1,567.23	98.38	16.930		
9,400.00	7,188.70	9,463.20	7,255.60	49.67	52.39	-92.20	1,306.56	3,391.03	1,665.96	1,564.53	101.42	16.426		
9,500.00	7,188.23	9,563.19	7,255.77	51.22	53.88	-92.22	1,306.98	3,491.03	1,666.30	1,561.82	104.48	15.948		
9,600.00	7,187.75	9,663.19	7,255.93	52.77	55.39	-92.24	1,307.41	3,591.03	1,666.65	1,559.09	107.56	15.495		
9,700.00	7,187.28	9,763.19	7,256.10	54.34	56.90	-92.26	1,307.83	3,691.02	1,667.00	1,556.34	110.66	15.065		
9,800.00	7,186.80	9,863.18	7,256.26	55.91	58.42	-92.28	1,308.26	3,791.02	1,667.34	1,553.58	113.76	14.656		
9,900.00	7,186.33	9,963.18	7,256.43	57.48	59.94	-92.30	1,308.68	3,891.01	1,667.69	1,550.81	116.88	14.268		
10,000.00	7,185.85	10,063.18	7,256.59	59.06	61.48	-92.33	1,309.11	3,991.01	1,668.04	1,548.02	120.01	13.899		
10,100.00	7,185.38	10,163.18	7,256.76	60.65	63.02	-92.35	1,309.53	4,091.01	1,668.39	1,545.23	123.16	13.547		
10,200.00	7,184.90	10,263.17	7,256.92	62.24	64.57	-92.37	1,309.96	4,191.00	1,668.73	1,542.42	126.31	13.211		
10,300.00	7,184.42	10,363.17	7,257.09	63.83	66.12	-92.39	1,310.38	4,291.00	1,669.08	1,539.61	129.47	12.892		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,183.95	10,463.17	7,257.25	65.43	67.68	-92.41	1,310.81	4,391.00	1,669.43	1,536.79	132.64	12.586		
10,500.00	7,183.47	10,563.17	7,257.42	67.04	69.25	-92.43	1,311.23	4,490.99	1,669.78	1,533.96	135.82	12.294		
10,600.00	7,183.00	10,663.16	7,257.58	68.64	70.82	-92.46	1,311.65	4,590.99	1,670.13	1,531.12	139.01	12.015		
10,700.00	7,182.52	10,763.16	7,257.75	70.25	72.39	-92.48	1,312.08	4,690.99	1,670.48	1,528.28	142.20	11.748		
10,800.00	7,182.05	10,863.16	7,257.91	71.86	73.97	-92.50	1,312.50	4,790.98	1,670.83	1,525.43	145.40	11.491		
10,900.00	7,181.57	10,963.16	7,258.08	73.48	75.56	-92.52	1,312.93	4,890.98	1,671.18	1,522.58	148.60	11.246		
11,000.00	7,181.10	11,063.15	7,258.24	75.09	77.14	-92.54	1,313.35	4,990.97	1,671.53	1,519.71	151.81	11.010		
11,100.00	7,180.62	11,163.15	7,258.41	76.71	78.73	-92.56	1,313.78	5,090.97	1,671.88	1,516.85	155.03	10.784		
11,200.00	7,180.15	11,263.15	7,258.57	78.33	80.33	-92.58	1,314.20	5,190.97	1,672.23	1,513.98	158.25	10.567		
11,300.00	7,179.67	11,363.15	7,258.74	79.96	81.92	-92.61	1,314.63	5,290.96	1,672.58	1,511.10	161.48	10.358		
11,400.00	7,179.19	11,463.14	7,258.90	81.58	83.52	-92.63	1,315.05	5,390.96	1,672.93	1,508.22	164.71	10.157		
11,500.00	7,178.72	11,563.14	7,259.07	83.21	85.12	-92.65	1,315.48	5,490.96	1,673.28	1,505.34	167.94	9.964		
11,600.00	7,178.24	11,663.14	7,259.23	84.84	86.73	-92.67	1,315.90	5,590.95	1,673.63	1,502.46	171.18	9.777		
11,700.00	7,177.77	11,763.14	7,259.40	86.47	88.34	-92.69	1,316.33	5,690.95	1,673.98	1,499.57	174.42	9.597		
11,800.00	7,177.29	11,863.13	7,259.56	88.11	89.95	-92.71	1,316.75	5,790.95	1,674.34	1,496.67	177.66	9.424		
11,900.00	7,176.82	11,963.13	7,259.73	89.74	91.56	-92.73	1,317.17	5,890.94	1,674.69	1,493.78	180.91	9.257		
12,000.00	7,176.34	12,063.13	7,259.89	91.38	93.17	-92.76	1,317.60	5,990.94	1,675.04	1,490.88	184.16	9.095		
12,100.00	7,175.87	12,163.13	7,260.06	93.01	94.79	-92.78	1,318.02	6,090.94	1,675.39	1,487.98	187.42	8.939		
12,200.00	7,175.39	12,263.12	7,260.22	94.65	96.41	-92.80	1,318.45	6,190.93	1,675.75	1,485.07	190.67	8.788		
12,300.00	7,174.91	12,363.12	7,260.39	96.29	98.03	-92.82	1,318.87	6,290.93	1,676.10	1,482.16	193.93	8.643		
12,400.00	7,174.44	12,463.12	7,260.55	97.93	99.65	-92.84	1,319.30	6,390.92	1,676.45	1,479.26	197.20	8.501		
12,500.00	7,173.96	12,563.12	7,260.72	99.57	101.27	-92.86	1,319.72	6,490.92	1,676.81	1,476.35	200.46	8.365		
12,600.00	7,173.49	12,663.11	7,260.88	101.21	102.90	-92.88	1,320.15	6,590.92	1,677.16	1,473.43	203.73	8.232		
12,700.00	7,173.01	12,763.11	7,261.05	102.86	104.52	-92.90	1,320.57	6,690.91	1,677.51	1,470.52	207.00	8.104		
12,800.00	7,172.54	12,863.11	7,261.21	104.50	106.15	-92.93	1,321.00	6,790.91	1,677.87	1,467.60	210.27	7.980		
12,900.00	7,172.06	12,963.11	7,261.38	106.15	107.78	-92.95	1,321.42	6,890.91	1,678.22	1,464.68	213.54	7.859		
13,000.00	7,171.59	13,063.10	7,261.54	107.79	109.41	-92.97	1,321.85	6,990.90	1,678.58	1,461.76	216.81	7.742		
13,100.00	7,171.11	13,163.10	7,261.71	109.44	111.04	-92.99	1,322.27	7,090.90	1,678.93	1,458.84	220.09	7.628		
13,200.00	7,170.64	13,263.10	7,261.87	111.09	112.67	-93.01	1,322.69	7,190.90	1,679.29	1,455.92	223.37	7.518		
13,300.00	7,170.16	13,363.09	7,262.04	112.74	114.31	-93.03	1,323.12	7,290.89	1,679.64	1,453.00	226.65	7.411		
13,400.00	7,169.68	13,463.09	7,262.20	114.39	115.94	-93.05	1,323.54	7,390.89	1,680.00	1,450.07	229.93	7.307		
13,500.00	7,169.21	13,563.09	7,262.37	116.04	117.58	-93.07	1,323.97	7,490.88	1,680.35	1,447.14	233.21	7.205		
13,600.00	7,168.73	13,663.09	7,262.53	117.69	119.22	-93.10	1,324.39	7,590.88	1,680.71	1,444.22	236.49	7.107		
13,700.00	7,168.26	13,763.08	7,262.70	119.34	120.85	-93.12	1,324.82	7,690.88	1,681.07	1,441.29	239.78	7.011		
13,800.00	7,167.78	13,863.08	7,262.86	120.99	122.49	-93.14	1,325.24	7,790.87	1,681.42	1,438.36	243.06	6.918		
13,900.00	7,167.31	13,963.08	7,263.03	122.64	124.13	-93.16	1,325.67	7,890.87	1,681.78	1,435.43	246.35	6.827		
14,000.00	7,166.83	14,063.08	7,263.19	124.29	125.77	-93.18	1,326.09	7,990.87	1,682.14	1,432.50	249.64	6.738		
14,100.00	7,166.36	14,163.07	7,263.36	125.95	127.41	-93.20	1,326.52	8,090.86	1,682.49	1,429.57	252.93	6.652		
14,200.00	7,165.88	14,263.07	7,263.52	127.60	129.06	-93.22	1,326.94	8,190.86	1,682.85	1,426.63	256.22	6.568		
14,300.00	7,165.40	14,363.07	7,263.69	129.26	130.70	-93.24	1,327.37	8,290.86	1,683.21	1,423.70	259.51	6.486		
14,400.00	7,164.93	14,463.07	7,263.85	130.91	132.34	-93.27	1,327.79	8,390.85	1,683.57	1,420.77	262.80	6.406		
14,500.00	7,164.45	14,563.06	7,264.02	132.57	133.99	-93.29	1,328.21	8,490.85	1,683.92	1,417.83	266.09	6.328		
14,600.00	7,163.98	14,663.06	7,264.18	134.22	135.63	-93.31	1,328.64	8,590.85	1,684.28	1,414.89	269.39	6.252		
14,700.00	7,163.50	14,763.06	7,264.35	135.88	137.28	-93.33	1,329.06	8,690.84	1,684.64	1,411.96	272.68	6.178		
14,800.00	7,163.03	14,863.06	7,264.51	137.54	138.92	-93.35	1,329.49	8,790.84	1,685.00	1,409.02	275.98	6.106		
14,900.00	7,162.55	14,963.05	7,264.68	139.19	140.57	-93.37	1,329.91	8,890.83	1,685.36	1,406.08	279.27	6.035		
15,000.00	7,162.08	15,063.05	7,264.84	140.85	142.22	-93.39	1,330.34	8,990.83	1,685.72	1,403.15	282.57	5.966		
15,100.00	7,161.60	15,163.05	7,265.01	142.51	143.87	-93.41	1,330.76	9,090.83	1,686.08	1,400.21	285.87	5.898		
15,200.00	7,161.13	15,263.05	7,265.17	144.17	145.52	-93.43	1,331.19	9,190.82	1,686.44	1,397.27	289.17	5.832		
15,300.00	7,160.65	15,363.04	7,265.34	145.82	147.17	-93.46	1,331.61	9,290.82	1,686.80	1,394.33	292.47	5.767		
15,400.00	7,160.17	15,463.04	7,265.50	147.48	148.81	-93.48	1,332.04	9,390.82	1,687.16	1,391.39	295.77	5.704		
15,500.00	7,159.70	15,563.04	7,265.67	149.14	150.47	-93.50	1,332.46	9,490.81	1,687.52	1,388.45	299.07	5.643		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,159.22	15,663.04	7,265.83	150.80	152.12	-93.52	1,332.89	9,590.81	1,687.88	1,385.51	302.37	5.582		
15,700.00	7,158.75	15,763.03	7,266.00	152.46	153.77	-93.54	1,333.31	9,690.81	1,688.24	1,382.57	305.67	5.523		
15,800.00	7,158.27	15,863.03	7,266.16	154.12	155.42	-93.56	1,333.73	9,790.80	1,688.60	1,379.63	308.97	5.465		
15,900.00	7,157.80	15,963.03	7,266.33	155.78	157.07	-93.58	1,334.16	9,890.80	1,688.96	1,376.69	312.27	5.409		
16,000.00	7,157.32	16,063.03	7,266.49	157.44	158.72	-93.60	1,334.58	9,990.79	1,689.32	1,373.75	315.57	5.353		
16,100.00	7,156.85	16,163.02	7,266.66	159.10	160.38	-93.62	1,335.01	10,090.79	1,689.69	1,370.81	318.88	5.299		
16,200.00	7,156.37	16,263.02	7,266.82	160.76	162.03	-93.64	1,335.43	10,190.79	1,690.05	1,367.87	322.18	5.246		
16,300.00	7,155.89	16,363.02	7,266.99	162.42	163.68	-93.67	1,335.86	10,290.78	1,690.41	1,364.92	325.49	5.194		
16,400.00	7,155.42	16,463.02	7,267.16	164.08	165.34	-93.69	1,336.28	10,390.78	1,690.77	1,361.98	328.79	5.142		
16,500.00	7,154.94	16,563.01	7,267.32	165.75	166.99	-93.71	1,336.71	10,490.78	1,691.13	1,359.04	332.09	5.092		
16,600.00	7,154.47	16,663.01	7,267.49	167.41	168.65	-93.73	1,337.13	10,590.77	1,691.50	1,356.10	335.40	5.043		
16,700.00	7,153.99	16,763.01	7,267.65	169.07	170.30	-93.75	1,337.56	10,690.77	1,691.86	1,353.16	338.70	4.995		
16,800.00	7,153.52	16,863.01	7,267.82	170.73	171.96	-93.77	1,337.98	10,790.77	1,692.22	1,350.21	342.01	4.948		
16,900.00	7,153.04	16,963.00	7,267.98	172.39	173.61	-93.79	1,338.41	10,890.76	1,692.59	1,347.27	345.32	4.902		
17,000.00	7,152.57	17,063.00	7,268.15	174.06	175.27	-93.81	1,338.83	10,990.76	1,692.95	1,344.33	348.62	4.856		
17,100.00	7,152.09	17,163.00	7,268.31	175.72	176.93	-93.83	1,339.25	11,090.75	1,693.32	1,341.39	351.93	4.812		
17,200.00	7,151.62	17,262.99	7,268.48	177.38	178.58	-93.85	1,339.68	11,190.75	1,693.68	1,338.44	355.24	4.768		
17,300.00	7,151.14	17,362.99	7,268.64	179.05	180.24	-93.87	1,340.10	11,290.75	1,694.04	1,335.50	358.54	4.725		
17,400.00	7,150.66	17,462.99	7,268.81	180.71	181.90	-93.90	1,340.53	11,390.74	1,694.41	1,332.56	361.85	4.683		
17,500.00	7,150.19	17,562.99	7,268.97	182.37	183.55	-93.92	1,340.95	11,490.74	1,694.77	1,329.62	365.16	4.641		
17,600.00	7,149.71	17,662.98	7,269.14	184.04	185.21	-93.94	1,341.38	11,590.74	1,695.14	1,326.67	368.47	4.601		
17,700.00	7,149.24	17,762.98	7,269.30	185.70	186.87	-93.96	1,341.80	11,690.73	1,695.50	1,323.73	371.77	4.561		
17,800.00	7,148.76	17,862.98	7,269.47	187.37	188.53	-93.98	1,342.23	11,790.73	1,695.87	1,320.79	375.08	4.521		
17,900.00	7,148.29	17,962.98	7,269.63	189.03	190.19	-94.00	1,342.65	11,890.73	1,696.24	1,317.85	378.39	4.483		
18,000.00	7,147.81	18,062.97	7,269.80	190.69	191.85	-94.02	1,343.08	11,990.72	1,696.60	1,314.90	381.70	4.445		
18,060.31	7,147.52	18,123.28	7,269.90	191.70	192.85	-94.03	1,343.33	12,051.03	1,696.82	1,313.13	383.69	4.422 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.58	1.46	-199.90	199.90				
100.00	100.00	103.00	103.00	3.28	3.28	-89.58	1.46	-199.90	199.90	192.37	7.53	26.550	
200.00	200.00	203.16	203.16	3.31	3.31	-89.58	1.46	-199.90	199.90	192.33	7.57	26.390	
214.02	214.02	217.95	217.95	3.31	3.31	162.43	1.50	-199.86	199.90	192.31	7.58	26.354 CC, ES	
300.00	299.98	308.61	308.58	3.35	3.36	162.97	2.82	-198.36	200.12	192.46	7.66	26.118	
400.00	399.84	413.84	413.64	3.41	3.43	164.56	6.74	-193.92	201.04	193.26	7.79	25.814	
500.00	499.45	518.65	517.99	3.50	3.53	167.15	13.18	-186.63	202.95	195.00	7.96	25.499	
600.00	598.70	622.84	621.31	3.62	3.66	170.63	22.08	-176.55	206.31	198.13	8.18	25.218	
700.00	697.47	726.23	723.28	3.77	3.83	174.87	33.36	-163.77	211.65	203.19	8.46	25.013	
800.00	796.01	828.79	823.75	3.96	4.04	179.68	46.95	-148.38	217.57	208.77	8.80	24.718	
900.00	894.55	930.37	922.49	4.18	4.29	-175.02	62.76	-130.49	223.29	214.07	9.22	24.227	
1,000.00	993.09	1,030.76	1,019.16	4.42	4.59	-169.27	80.64	-110.24	229.51	219.80	9.71	23.629	
1,100.00	1,091.63	1,128.83	1,112.74	4.68	4.94	-163.29	100.06	-88.25	237.09	226.80	10.29	23.040	
1,200.00	1,190.17	1,225.32	1,204.65	4.96	5.32	-157.69	119.52	-66.22	247.06	236.14	10.92	22.615	
1,300.00	1,288.71	1,321.82	1,296.56	5.25	5.73	-152.54	138.97	-44.19	259.32	247.72	11.60	22.357	
1,400.00	1,387.25	1,418.31	1,388.47	5.55	6.15	-147.87	158.42	-22.17	273.55	261.25	12.30	22.237	
1,500.00	1,485.79	1,514.81	1,480.38	5.87	6.60	-143.66	177.87	-0.14	289.47	276.44	13.03	22.224	
1,600.00	1,584.34	1,611.30	1,572.29	6.19	7.05	-139.89	197.33	21.88	306.81	293.04	13.76	22.290	
1,700.00	1,682.88	1,707.80	1,664.21	6.52	7.51	-136.53	216.78	43.91	325.34	310.83	14.51	22.416	
1,800.00	1,781.42	1,804.29	1,756.12	6.85	7.98	-133.52	236.23	65.93	344.88	329.62	15.26	22.597	
1,900.00	1,879.96	1,900.79	1,848.03	7.04	8.25	-130.83	255.68	87.96	365.26	349.95	15.30	23.868	
2,000.00	1,978.50	2,002.72	1,939.94	7.08	8.32	-128.42	275.13	109.99	386.34	370.94	15.40	25.086	
2,100.00	2,077.04	2,106.22	2,031.85	7.13	8.43	-126.27	294.59	132.01	408.03	392.49	15.54	26.262	
2,200.00	2,175.58	2,209.73	2,123.76	7.20	8.56	-124.32	314.04	154.04	430.22	414.51	15.71	27.390	
2,300.00	2,274.12	2,286.77	2,215.68	7.29	8.67	-122.57	333.49	176.06	452.85	436.97	15.87	28.527	
2,400.00	2,372.66	2,383.26	2,307.59	7.39	8.82	-120.98	352.94	198.09	475.84	459.75	16.10	29.561	
2,500.00	2,471.20	2,479.76	2,399.50	7.51	8.99	-119.53	372.40	220.12	499.16	482.81	16.35	30.531	
2,600.00	2,569.74	2,576.25	2,491.41	7.64	9.18	-118.22	391.85	242.14	522.76	506.13	16.63	31.432	
2,700.00	2,668.28	2,672.75	2,583.32	7.78	9.39	-117.01	411.30	264.17	546.60	529.66	16.94	32.266	
2,800.00	2,766.83	2,769.24	2,675.24	7.94	9.61	-115.91	430.75	286.19	570.64	553.37	17.28	33.031	
2,900.00	2,865.37	2,865.74	2,767.15	8.11	9.84	-114.89	450.20	308.22	594.88	577.24	17.64	33.731	
3,000.00	2,963.91	2,962.23	2,859.06	8.28	10.09	-113.96	469.66	330.24	619.28	601.26	18.02	34.367	
3,100.00	3,062.45	3,058.73	2,950.97	8.47	10.34	-113.09	489.11	352.27	643.82	625.39	18.42	34.943	
3,200.00	3,160.99	3,155.22	3,042.88	8.67	10.61	-112.29	508.56	374.30	668.49	649.64	18.85	35.464	
3,300.00	3,259.53	3,251.72	3,134.79	8.88	10.89	-111.54	528.01	396.32	693.28	673.98	19.29	35.931	
3,400.00	3,358.07	3,348.21	3,226.71	9.09	11.18	-110.85	547.47	418.35	718.17	698.41	19.76	36.351	
3,500.00	3,456.61	3,444.71	3,318.62	9.31	11.48	-110.20	566.92	440.37	743.15	722.92	20.24	36.726	
3,600.00	3,555.15	3,541.20	3,410.53	9.54	11.78	-109.59	586.37	462.40	768.22	747.49	20.73	37.060	
3,700.00	3,653.69	3,637.70	3,502.44	9.78	12.09	-109.02	605.82	484.43	793.37	772.13	21.24	37.358	
3,800.00	3,752.23	3,734.19	3,594.35	10.02	12.41	-108.49	625.27	506.45	818.58	796.82	21.76	37.622	
3,900.00	3,850.77	3,830.69	3,686.26	10.27	12.74	-107.99	644.73	528.48	843.85	821.56	22.29	37.856	
4,000.00	3,949.31	3,927.18	3,778.18	10.52	13.07	-107.52	664.18	550.50	869.19	846.35	22.84	38.062	
4,100.00	4,047.86	4,023.68	3,870.09	10.78	13.41	-107.07	683.63	572.53	894.57	871.18	23.39	38.244	
4,200.00	4,146.40	4,120.17	3,962.00	11.05	13.75	-106.65	703.08	594.55	920.01	896.05	23.96	38.404	
4,300.00	4,244.94	4,216.67	4,053.91	11.31	14.10	-106.25	722.54	616.58	945.48	920.95	24.53	38.544	
4,400.00	4,343.48	4,313.16	4,145.82	11.59	14.45	-105.87	741.99	638.61	971.00	945.89	25.11	38.666	
4,500.00	4,442.02	4,409.66	4,237.73	11.86	14.80	-105.51	761.44	660.63	996.56	970.86	25.70	38.773	
4,600.00	4,540.56	4,506.15	4,329.65	12.14	15.16	-105.17	780.89	682.66	1,022.15	995.85	26.30	38.865	
4,700.00	4,639.10	4,602.65	4,421.56	12.42	15.52	-104.85	800.34	704.68	1,047.77	1,020.87	26.90	38.944	
4,800.00	4,737.64	4,699.14	4,513.47	12.71	15.89	-104.54	819.80	726.71	1,073.43	1,045.91	27.52	39.011	
4,900.00	4,836.18	4,795.64	4,605.38	13.00	16.26	-104.25	839.25	748.74	1,099.11	1,070.98	28.13	39.069	
5,000.00	4,934.72	4,907.87	4,697.29	13.29	16.69	-103.96	858.70	770.76	1,124.82	1,096.00	28.81	39.039	

Hewlett-Packard

Anticollision Report

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Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,988.63	4,789.20	13.58	17.00	-103.70	878.15	792.79	1,150.55	1,121.16	29.38	39.157		
5,200.00	5,131.80	5,085.12	4,881.12	13.87	17.38	-103.44	897.61	814.81	1,176.30	1,146.29	30.02	39.190		
5,300.00	5,230.34	5,181.62	4,973.03	14.17	17.76	-103.19	917.06	836.84	1,202.08	1,171.42	30.65	39.216		
5,400.00	5,328.89	5,278.11	5,064.94	14.47	18.14	-102.96	936.51	858.86	1,227.87	1,196.58	31.29	39.237		
5,500.00	5,427.43	5,374.61	5,156.85	14.77	18.52	-102.73	955.96	880.89	1,253.69	1,221.75	31.94	39.252		
5,600.00	5,525.97	5,471.10	5,248.76	15.08	18.91	-102.52	975.41	902.92	1,279.52	1,246.93	32.59	39.263		
5,700.00	5,624.51	5,567.60	5,340.68	15.38	19.30	-102.31	994.87	924.94	1,305.36	1,272.12	33.24	39.269		
5,800.00	5,723.05	5,664.09	5,432.59	15.69	19.69	-102.11	1,014.32	946.97	1,331.23	1,297.33	33.90	39.272		
5,900.00	5,821.59	5,760.59	5,524.50	16.00	20.08	-101.91	1,033.77	968.99	1,357.10	1,322.55	34.56	39.271		
6,000.00	5,920.13	5,857.08	5,616.41	16.31	20.47	-101.73	1,053.22	991.02	1,383.00	1,347.78	35.22	39.268		
6,100.00	6,018.67	5,953.58	5,708.32	16.62	20.86	-101.55	1,072.68	1,013.04	1,408.90	1,373.02	35.88	39.262		
6,200.00	6,117.21	6,050.07	5,800.23	16.93	21.26	-101.38	1,092.13	1,035.07	1,434.82	1,398.26	36.55	39.253		
6,300.00	6,215.75	6,146.57	5,892.15	17.24	21.65	-101.21	1,111.58	1,057.10	1,460.75	1,423.52	37.22	39.243		
6,400.00	6,314.29	6,243.06	5,984.06	17.56	22.05	-101.05	1,131.03	1,079.12	1,486.69	1,448.79	37.90	39.230		
6,500.00	6,412.83	6,339.56	6,075.97	17.87	22.45	-100.90	1,150.49	1,101.15	1,512.64	1,474.06	38.57	39.216		
6,600.00	6,511.38	6,436.05	6,167.88	18.19	22.85	-100.75	1,169.94	1,123.17	1,538.60	1,499.35	39.25	39.200		
6,700.00	6,609.92	6,532.55	6,259.79	18.51	23.25	-100.60	1,189.39	1,145.20	1,564.56	1,524.64	39.93	39.184		
6,800.00	6,708.16	6,629.12	6,351.78	18.84	23.65	-94.21	1,208.86	1,167.24	1,590.33	1,549.70	40.62	39.149		
6,900.00	6,803.11	6,725.54	6,443.61	19.25	24.05	-87.41	1,228.29	1,189.25	1,614.09	1,572.67	41.42	38.969		
7,000.00	6,892.11	6,812.60	6,526.25	19.76	24.42	-84.13	1,245.79	1,210.25	1,635.39	1,593.09	42.30	38.662		
7,100.00	6,972.96	6,893.22	6,600.17	20.36	24.82	-82.10	1,261.49	1,238.19	1,654.73	1,611.42	43.31	38.207		
7,200.00	7,043.67	6,976.84	6,672.55	21.07	25.31	-80.81	1,276.91	1,277.00	1,671.91	1,627.38	44.54	37.541		
7,300.00	7,102.50	7,064.18	6,742.13	21.87	25.90	-80.08	1,291.81	1,327.52	1,686.61	1,640.63	45.99	36.677		
7,400.00	7,148.01	7,156.05	6,807.29	22.77	26.61	-79.83	1,305.84	1,390.63	1,698.56	1,650.89	47.67	35.629		
7,500.00	7,179.07	7,253.34	6,865.84	23.75	27.44	-80.03	1,318.55	1,467.17	1,707.51	1,657.91	49.60	34.424		
7,600.00	7,194.92	7,356.97	6,914.87	24.79	28.43	-80.64	1,329.33	1,557.70	1,713.24	1,661.49	51.75	33.103		
7,700.00	7,196.79	7,468.35	6,950.80	25.88	29.57	-81.65	1,337.43	1,662.66	1,715.86	1,661.76	54.10	31.715		
7,800.00	7,196.31	7,589.55	6,968.93	27.02	30.88	-82.29	1,341.85	1,782.23	1,717.25	1,660.62	56.63	30.324		
7,900.00	7,195.84	7,702.79	6,969.83	28.22	32.13	-82.34	1,342.59	1,889.86	1,717.64	1,658.50	59.14	29.042		
8,000.00	7,195.36	7,802.80	6,969.59	29.47	33.29	-82.35	1,343.05	1,989.86	1,717.96	1,656.36	61.60	27.888		
8,100.00	7,194.89	7,902.80	6,969.35	30.75	34.48	-82.36	1,343.51	2,089.86	1,718.28	1,654.14	64.14	26.789		
8,200.00	7,194.41	8,002.80	6,969.10	32.08	35.71	-82.37	1,343.97	2,189.85	1,718.61	1,651.86	66.75	25.747		
8,300.00	7,193.93	8,102.80	6,968.86	33.44	36.98	-82.37	1,344.43	2,289.85	1,718.93	1,649.51	69.42	24.761		
8,400.00	7,193.46	8,202.80	6,968.62	34.82	38.28	-82.38	1,344.88	2,389.85	1,719.25	1,647.10	72.15	23.830		
8,500.00	7,192.98	8,302.80	6,968.38	36.23	39.60	-82.39	1,345.34	2,489.85	1,719.57	1,644.65	74.92	22.952		
8,600.00	7,192.51	8,402.80	6,968.13	37.66	40.95	-82.40	1,345.80	2,589.85	1,719.89	1,642.15	77.74	22.124		
8,700.00	7,192.03	8,502.80	6,967.89	39.11	42.32	-82.41	1,346.26	2,689.84	1,720.22	1,639.62	80.60	21.343		
8,800.00	7,191.56	8,602.80	6,967.65	40.58	43.71	-82.42	1,346.72	2,789.84	1,720.54	1,637.05	83.49	20.607		
8,900.00	7,191.08	8,697.20	6,967.40	42.07	45.05	-82.43	1,347.18	2,889.84	1,720.86	1,634.53	86.33	19.932		
9,000.00	7,190.61	8,802.80	6,967.16	43.56	46.55	-82.44	1,347.64	2,989.84	1,721.18	1,631.81	89.37	19.259		
9,100.00	7,190.13	8,902.81	6,966.92	45.07	48.00	-82.45	1,348.09	3,089.83	1,721.51	1,629.16	92.35	18.642		
9,200.00	7,189.66	9,002.81	6,966.68	46.59	49.46	-82.46	1,348.55	3,189.83	1,721.83	1,626.48	95.35	18.058		
9,300.00	7,189.18	9,102.81	6,966.43	48.13	50.93	-82.47	1,349.01	3,289.83	1,722.15	1,623.78	98.37	17.506		
9,400.00	7,188.70	9,202.81	6,966.19	49.67	52.41	-82.48	1,349.47	3,389.83	1,722.47	1,621.06	101.42	16.984		
9,500.00	7,188.23	9,302.81	6,965.95	51.22	53.90	-82.49	1,349.93	3,489.83	1,722.80	1,618.32	104.48	16.490		
9,600.00	7,187.75	9,402.81	6,965.71	52.77	55.41	-82.49	1,350.39	3,589.82	1,723.12	1,615.57	107.55	16.021		
9,700.00	7,187.28	9,502.81	6,965.46	54.34	56.92	-82.50	1,350.85	3,689.82	1,723.44	1,612.80	110.64	15.576		
9,800.00	7,186.80	9,602.81	6,965.22	55.91	58.44	-82.51	1,351.31	3,789.82	1,723.76	1,610.02	113.75	15.154		
9,900.00	7,186.33	9,702.81	6,964.98	57.48	59.97	-82.52	1,351.76	3,889.82	1,724.09	1,607.22	116.87	14.753		
10,000.00	7,185.85	9,802.81	6,964.73	59.06	61.51	-82.53	1,352.22	3,989.81	1,724.41	1,604.42	119.99	14.371		
10,100.00	7,185.38	9,902.81	6,964.49	60.65	63.06	-82.54	1,352.68	4,089.81	1,724.73	1,601.60	123.13	14.007		
10,200.00	7,184.90	9,997.18	6,964.25	62.24	64.52	-82.55	1,353.14	4,189.81	1,725.05	1,598.86	126.19	13.670		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,184.42	10,102.82	6,964.01	63.83	66.16	-82.56	1,353.60	4,289.81	1,725.38	1,595.94	129.44	13.329		
10,400.00	7,183.95	10,202.82	6,963.76	65.43	67.72	-82.57	1,354.06	4,389.81	1,725.70	1,593.09	132.61	13.014		
10,500.00	7,183.47	10,302.82	6,963.52	67.04	69.29	-82.58	1,354.52	4,489.80	1,726.02	1,590.24	135.78	12.712		
10,600.00	7,183.00	10,402.82	6,963.28	68.64	70.86	-82.59	1,354.97	4,589.80	1,726.35	1,587.38	138.96	12.423		
10,700.00	7,182.52	10,502.82	6,963.03	70.25	72.44	-82.60	1,355.43	4,689.80	1,726.67	1,584.52	142.15	12.147		
10,800.00	7,182.05	10,602.82	6,962.79	71.86	74.02	-82.60	1,355.89	4,789.80	1,726.99	1,581.64	145.35	11.882		
10,900.00	7,181.57	10,702.82	6,962.55	73.48	75.60	-82.61	1,356.35	4,889.79	1,727.32	1,578.77	148.55	11.628		
11,000.00	7,181.10	10,802.82	6,962.31	75.09	77.19	-82.62	1,356.81	4,989.79	1,727.64	1,575.88	151.76	11.384		
11,100.00	7,180.62	10,902.82	6,962.06	76.71	78.78	-82.63	1,357.27	5,089.79	1,727.96	1,572.99	154.97	11.150		
11,200.00	7,180.15	11,002.82	6,961.82	78.33	80.38	-82.64	1,357.73	5,189.79	1,728.29	1,570.10	158.19	10.926		
11,300.00	7,179.67	11,102.83	6,961.58	79.96	81.97	-82.65	1,358.18	5,289.78	1,728.61	1,567.20	161.41	10.710		
11,400.00	7,179.19	11,202.83	6,961.34	81.58	83.58	-82.66	1,358.64	5,389.78	1,728.93	1,564.30	164.64	10.502		
11,500.00	7,178.72	11,302.83	6,961.09	83.21	85.18	-82.67	1,359.10	5,489.78	1,729.26	1,561.39	167.87	10.301		
11,600.00	7,178.24	11,402.83	6,960.85	84.84	86.79	-82.68	1,359.56	5,589.78	1,729.58	1,558.48	171.10	10.109		
11,700.00	7,177.77	11,502.83	6,960.61	86.47	88.39	-82.69	1,360.02	5,689.78	1,729.90	1,555.56	174.34	9.923		
11,800.00	7,177.29	11,602.83	6,960.36	88.11	90.00	-82.70	1,360.48	5,789.77	1,730.23	1,552.65	177.58	9.743		
11,900.00	7,176.82	11,702.83	6,960.12	89.74	91.62	-82.71	1,360.94	5,889.77	1,730.55	1,549.72	180.83	9.570		
12,000.00	7,176.34	11,802.83	6,959.88	91.38	93.23	-82.71	1,361.40	5,989.77	1,730.87	1,546.80	184.07	9.403		
12,100.00	7,175.87	11,902.83	6,959.64	93.01	94.85	-82.72	1,361.85	6,089.77	1,731.20	1,543.87	187.32	9.242		
12,200.00	7,175.39	12,002.83	6,959.39	94.65	96.47	-82.73	1,362.31	6,189.76	1,731.52	1,540.94	190.58	9.086		
12,300.00	7,174.91	12,102.83	6,959.15	96.29	98.09	-82.74	1,362.77	6,289.76	1,731.84	1,538.01	193.84	8.935		
12,400.00	7,174.44	12,202.84	6,958.91	97.93	99.71	-82.75	1,363.23	6,389.76	1,732.17	1,535.07	197.09	8.789		
12,500.00	7,173.96	12,302.84	6,958.66	99.57	101.33	-82.76	1,363.69	6,489.76	1,732.49	1,532.14	200.36	8.647		
12,600.00	7,173.49	12,402.84	6,958.42	101.21	102.96	-82.77	1,364.15	6,589.76	1,732.82	1,529.20	203.62	8.510		
12,700.00	7,173.01	12,502.84	6,958.18	102.86	104.59	-82.78	1,364.61	6,689.75	1,733.14	1,526.25	206.89	8.377		
12,800.00	7,172.54	12,602.84	6,957.94	104.50	106.22	-82.79	1,365.06	6,789.75	1,733.46	1,523.31	210.16	8.248		
12,900.00	7,172.06	12,702.84	6,957.69	106.15	107.85	-82.80	1,365.52	6,889.75	1,733.79	1,520.36	213.43	8.124		
13,000.00	7,171.59	12,802.84	6,957.45	107.79	109.48	-82.81	1,365.98	6,989.75	1,734.11	1,517.41	216.70	8.002		
13,100.00	7,171.11	12,902.84	6,957.21	109.44	111.11	-82.81	1,366.44	7,089.74	1,734.44	1,514.46	219.97	7.885		
13,200.00	7,170.64	13,002.84	6,956.97	111.09	112.74	-82.82	1,366.90	7,189.74	1,734.76	1,511.51	223.25	7.771		
13,300.00	7,170.16	13,102.84	6,956.72	112.74	114.38	-82.83	1,367.36	7,289.74	1,735.08	1,508.56	226.53	7.659		
13,400.00	7,169.68	13,202.84	6,956.48	114.39	116.01	-82.84	1,367.82	7,389.74	1,735.41	1,505.60	229.81	7.552		
13,500.00	7,169.21	13,297.15	6,956.24	116.04	117.56	-82.85	1,368.27	7,489.74	1,735.73	1,502.74	232.99	7.450		
13,600.00	7,168.73	13,402.85	6,955.99	117.69	119.29	-82.86	1,368.73	7,589.73	1,736.06	1,499.69	236.37	7.345		
13,700.00	7,168.26	13,502.85	6,955.75	119.34	120.92	-82.87	1,369.19	7,689.73	1,736.38	1,496.73	239.65	7.245		
13,800.00	7,167.78	13,602.85	6,955.51	120.99	122.56	-82.88	1,369.65	7,789.73	1,736.71	1,493.77	242.94	7.149		
13,900.00	7,167.31	13,702.85	6,955.27	122.64	124.20	-82.89	1,370.11	7,889.73	1,737.03	1,490.80	246.23	7.055		
14,000.00	7,166.83	13,802.85	6,955.02	124.29	125.85	-82.90	1,370.57	7,989.72	1,737.36	1,487.84	249.52	6.963		
14,100.00	7,166.36	13,902.85	6,954.78	125.95	127.49	-82.91	1,371.03	8,089.72	1,737.68	1,484.88	252.80	6.874		
14,200.00	7,165.88	14,002.85	6,954.54	127.60	129.13	-82.91	1,371.49	8,189.72	1,738.00	1,481.91	256.09	6.787		
14,300.00	7,165.40	14,102.85	6,954.30	129.26	130.77	-82.92	1,371.94	8,289.72	1,738.33	1,478.94	259.39	6.702		
14,400.00	7,164.93	14,202.85	6,954.05	130.91	132.42	-82.93	1,372.40	8,389.72	1,738.65	1,475.97	262.68	6.619		
14,500.00	7,164.45	14,302.85	6,953.81	132.57	134.06	-82.94	1,372.86	8,489.71	1,738.98	1,473.01	265.97	6.538		
14,600.00	7,163.98	14,402.86	6,953.57	134.22	135.71	-82.95	1,373.32	8,589.71	1,739.30	1,470.03	269.27	6.459		
14,700.00	7,163.50	14,502.86	6,953.32	135.88	137.35	-82.96	1,373.78	8,689.71	1,739.63	1,467.06	272.56	6.382		
14,800.00	7,163.03	14,602.86	6,953.08	137.54	139.00	-82.97	1,374.24	8,789.71	1,739.95	1,464.09	275.86	6.307		
14,900.00	7,162.55	14,702.86	6,952.84	139.19	140.65	-82.98	1,374.70	8,889.70	1,740.28	1,461.12	279.16	6.234		
15,000.00	7,162.08	14,802.86	6,952.60	140.85	142.30	-82.99	1,375.15	8,989.70	1,740.60	1,458.14	282.46	6.162		
15,100.00	7,161.60	14,902.86	6,952.35	142.51	143.95	-83.00	1,375.61	9,089.70	1,740.93	1,455.17	285.76	6.092		
15,200.00	7,161.13	14,997.14	6,952.11	144.17	145.50	-83.01	1,376.07	9,189.70	1,741.25	1,452.29	288.96	6.026		
15,300.00	7,160.65	15,102.86	6,951.87	145.82	147.24	-83.01	1,376.53	9,289.69	1,741.58	1,449.22	292.36	5.957		
15,400.00	7,160.17	15,202.86	6,951.62	147.48	148.89	-83.02	1,376.99	9,389.69	1,741.90	1,446.24	295.66	5.892		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,159.70	15,302.86	6,951.38	149.14	150.55	-83.03	1,377.45	9,489.69	1,742.23	1,443.26	298.97	5.828	
15,600.00	7,159.22	15,402.86	6,951.14	150.80	152.20	-83.04	1,377.91	9,589.69	1,742.55	1,440.28	302.27	5.765	
15,700.00	7,158.75	15,502.87	6,950.90	152.46	153.85	-83.05	1,378.37	9,689.69	1,742.88	1,437.31	305.57	5.704	
15,800.00	7,158.27	15,602.87	6,950.65	154.12	155.50	-83.06	1,378.82	9,789.68	1,743.20	1,434.33	308.88	5.644	
15,900.00	7,157.80	15,702.87	6,950.41	155.78	157.15	-83.07	1,379.28	9,889.68	1,743.53	1,431.35	312.18	5.585	
16,000.00	7,157.32	15,802.87	6,950.17	157.44	158.81	-83.08	1,379.74	9,989.68	1,743.85	1,428.36	315.49	5.527	
16,100.00	7,156.85	15,902.87	6,949.93	159.10	160.46	-83.09	1,380.20	10,089.68	1,744.18	1,425.38	318.80	5.471	
16,200.00	7,156.37	16,002.87	6,949.68	160.76	162.11	-83.10	1,380.66	10,189.67	1,744.51	1,422.40	322.11	5.416	
16,300.00	7,155.89	16,102.87	6,949.44	162.42	163.77	-83.10	1,381.12	10,289.67	1,744.83	1,419.42	325.41	5.362	
16,400.00	7,155.42	16,202.87	6,949.20	164.08	165.42	-83.11	1,381.58	10,389.67	1,745.16	1,416.43	328.72	5.309	
16,500.00	7,154.94	16,302.87	6,948.95	165.75	167.08	-83.12	1,382.03	10,489.67	1,745.48	1,413.45	332.03	5.257	
16,600.00	7,154.47	16,402.87	6,948.71	167.41	168.73	-83.13	1,382.49	10,589.67	1,745.81	1,410.46	335.34	5.206	
16,700.00	7,153.99	16,502.87	6,948.47	169.07	170.39	-83.14	1,382.95	10,689.66	1,746.13	1,407.48	338.65	5.156	
16,800.00	7,153.52	16,602.88	6,948.23	170.73	172.04	-83.15	1,383.41	10,789.66	1,746.46	1,404.49	341.97	5.107	
16,900.00	7,153.04	16,702.88	6,947.98	172.39	173.70	-83.16	1,383.87	10,889.66	1,746.79	1,401.51	345.28	5.059	
17,000.00	7,152.57	16,802.88	6,947.74	174.06	175.35	-83.17	1,384.33	10,989.66	1,747.11	1,398.52	348.59	5.012	
17,100.00	7,152.09	16,902.88	6,947.50	175.72	177.01	-83.18	1,384.79	11,089.65	1,747.44	1,395.53	351.90	4.966	
17,200.00	7,151.62	17,002.88	6,947.26	177.38	178.67	-83.19	1,385.24	11,189.65	1,747.76	1,392.55	355.22	4.920	
17,300.00	7,151.14	17,097.12	6,947.01	179.05	180.23	-83.19	1,385.70	11,289.65	1,748.09	1,389.65	358.43	4.877	
17,400.00	7,150.66	17,202.88	6,946.77	180.71	181.98	-83.20	1,386.16	11,389.65	1,748.41	1,386.57	361.84	4.832	
17,500.00	7,150.19	17,302.88	6,946.53	182.37	183.64	-83.21	1,386.62	11,489.65	1,748.74	1,383.58	365.16	4.789	
17,600.00	7,149.71	17,402.88	6,946.28	184.04	185.30	-83.22	1,387.08	11,589.64	1,749.07	1,380.59	368.47	4.747	
17,700.00	7,149.24	17,502.88	6,946.04	185.70	186.96	-83.23	1,387.54	11,689.64	1,749.39	1,377.60	371.79	4.705	
17,800.00	7,148.76	17,602.88	6,945.80	187.37	188.61	-83.24	1,388.00	11,789.64	1,749.72	1,374.61	375.11	4.665	
17,900.00	7,148.29	17,702.89	6,945.56	189.03	190.27	-83.25	1,388.46	11,889.64	1,750.05	1,371.62	378.42	4.625	
18,000.00	7,147.81	17,802.89	6,945.31	190.69	191.93	-83.26	1,388.91	11,989.63	1,750.37	1,368.63	381.74	4.585	
18,060.31	7,147.52	17,857.42	6,945.17	191.70	192.84	-83.26	1,389.19	12,049.94	1,750.57	1,366.93	383.64	4.563 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.62	1.46	-219.94	219.95				
100.00	100.00	103.00	103.00	3.28	3.28	-89.62	1.46	-219.94	219.95	212.42	7.53	29.213	
200.00	200.00	203.00	203.00	3.31	3.31	-89.62	1.46	-219.94	219.95	212.37	7.57	29.036	CC, ES
300.00	299.98	305.18	305.18	3.35	3.35	162.56	1.66	-219.74	221.42	213.76	7.66	28.896	
400.00	399.84	410.83	410.77	3.41	3.42	163.59	4.06	-217.29	224.16	216.37	7.79	28.773	
500.00	499.45	516.17	515.85	3.50	3.52	165.54	9.16	-212.08	227.83	219.87	7.96	28.615	
600.00	598.70	620.97	620.06	3.62	3.65	168.33	16.92	-204.16	232.81	224.63	8.18	28.463	
700.00	697.47	725.03	723.05	3.77	3.80	171.84	27.25	-193.61	239.55	231.10	8.45	28.345	
800.00	796.01	828.32	824.70	3.96	3.99	175.89	40.09	-180.50	246.56	237.79	8.77	28.108	
900.00	894.55	930.75	924.78	4.18	4.22	-179.62	55.34	-164.92	252.97	243.82	9.16	27.629	
1,000.00	993.09	1,032.07	1,022.94	4.42	4.49	-174.70	72.88	-147.01	259.40	249.79	9.61	26.988	
1,100.00	1,091.63	1,132.04	1,118.87	4.68	4.82	-169.41	92.56	-126.91	266.53	256.38	10.15	26.269	
1,200.00	1,190.17	1,229.90	1,211.80	4.96	5.19	-163.89	113.99	-105.03	275.08	264.32	10.76	25.575	
1,300.00	1,288.71	1,325.74	1,302.56	5.25	5.59	-158.67	135.55	-83.01	285.98	274.57	11.42	25.046	
1,400.00	1,387.25	1,421.59	1,393.32	5.55	6.01	-153.84	157.11	-61.00	299.22	287.11	12.12	24.693	
1,500.00	1,485.79	1,517.43	1,484.08	5.87	6.46	-149.42	178.66	-38.99	314.50	301.66	12.84	24.487	
1,600.00	1,584.34	1,613.28	1,574.84	6.19	6.92	-145.42	200.22	-16.98	331.53	317.94	13.59	24.400	
1,700.00	1,682.88	1,709.13	1,665.60	6.52	7.39	-141.80	221.77	5.03	350.06	335.71	14.34	24.404	
1,800.00	1,781.42	1,804.97	1,756.35	6.85	7.87	-138.53	243.33	27.05	369.86	354.75	15.11	24.476	
1,900.00	1,879.96	1,900.82	1,847.11	7.04	8.13	-135.60	264.88	49.06	390.74	375.59	15.15	25.793	
2,000.00	1,978.50	1,996.66	1,937.87	7.08	8.21	-132.96	286.44	71.07	412.54	397.29	15.25	27.056	
2,100.00	2,077.04	2,107.49	2,028.63	7.13	8.33	-130.58	307.99	93.08	435.12	419.72	15.40	28.259	
2,200.00	2,175.58	2,188.36	2,119.39	7.20	8.44	-128.43	329.55	115.09	458.36	442.81	15.55	29.483	
2,300.00	2,274.12	2,284.20	2,210.15	7.29	8.58	-126.48	351.11	137.11	482.16	466.42	15.74	30.624	
2,400.00	2,372.66	2,380.05	2,300.91	7.39	8.74	-124.72	372.66	159.12	506.46	490.48	15.97	31.705	
2,500.00	2,471.20	2,475.89	2,391.67	7.51	8.93	-123.11	394.22	181.13	531.17	514.94	16.23	32.719	
2,600.00	2,569.74	2,571.74	2,482.43	7.64	9.13	-121.65	415.77	203.14	556.25	539.73	16.52	33.664	
2,700.00	2,668.28	2,667.59	2,573.19	7.78	9.34	-120.31	437.33	225.16	581.65	564.81	16.84	34.538	
2,800.00	2,766.83	2,763.43	2,663.95	7.94	9.57	-119.08	458.88	247.17	607.32	590.14	17.18	35.341	
2,900.00	2,865.37	2,859.28	2,754.71	8.11	9.82	-117.95	480.44	269.18	633.24	615.69	17.55	36.076	
3,000.00	2,963.91	2,955.12	2,845.47	8.28	10.08	-116.91	501.99	291.19	659.38	641.43	17.94	36.745	
3,100.00	3,062.45	3,050.97	2,936.23	8.47	10.35	-115.94	523.55	313.20	685.70	667.34	18.36	37.351	
3,200.00	3,160.99	3,146.82	3,026.99	8.67	10.63	-115.05	545.11	335.22	712.19	693.40	18.79	37.898	
3,300.00	3,259.53	3,242.66	3,117.75	8.88	10.92	-114.22	566.66	357.23	738.84	719.59	19.25	38.390	
3,400.00	3,358.07	3,338.51	3,208.51	9.09	11.22	-113.45	588.22	379.24	765.62	745.90	19.72	38.832	
3,500.00	3,456.61	3,434.35	3,299.27	9.31	11.54	-112.73	609.77	401.25	792.52	772.31	20.20	39.228	
3,600.00	3,555.15	3,530.20	3,390.03	9.54	11.85	-112.05	631.33	423.27	819.53	798.82	20.71	39.581	
3,700.00	3,653.69	3,626.05	3,480.79	9.78	12.18	-111.42	652.88	445.28	846.64	825.42	21.22	39.895	
3,800.00	3,752.23	3,721.89	3,571.55	10.02	12.52	-110.83	674.44	467.29	873.84	852.09	21.75	40.175	
3,900.00	3,850.77	3,817.74	3,662.30	10.27	12.85	-110.27	695.99	489.30	901.12	878.83	22.29	40.423	
4,000.00	3,949.31	3,913.59	3,753.06	10.52	13.20	-109.75	717.55	511.31	928.48	905.63	22.85	40.642	
4,100.00	4,047.86	4,009.43	3,843.82	10.78	13.55	-109.26	739.11	533.33	955.90	932.49	23.41	40.836	
4,200.00	4,146.40	4,105.28	3,934.58	11.05	13.91	-108.79	760.66	555.34	983.39	959.41	23.98	41.007	
4,300.00	4,244.94	4,201.12	4,025.34	11.31	14.27	-108.35	782.22	577.35	1,010.93	986.37	24.56	41.157	
4,400.00	4,343.48	4,303.03	4,116.10	11.59	14.66	-107.93	803.77	599.36	1,038.53	1,013.35	25.18	41.252	
4,500.00	4,442.02	4,407.18	4,206.86	11.86	15.06	-107.53	825.33	621.37	1,066.18	1,040.37	25.80	41.318	
4,600.00	4,540.56	4,488.66	4,297.62	12.14	15.38	-107.16	846.88	643.39	1,093.87	1,067.51	26.36	41.502	
4,700.00	4,639.10	4,584.51	4,388.38	12.42	15.75	-106.80	868.44	665.40	1,121.60	1,094.63	26.97	41.589	
4,800.00	4,737.64	4,680.35	4,479.14	12.71	16.13	-106.46	889.99	687.41	1,149.37	1,121.78	27.59	41.663	
4,900.00	4,836.18	4,776.20	4,569.90	13.00	16.52	-106.13	911.55	709.42	1,177.18	1,148.97	28.21	41.727	
5,000.00	4,934.72	4,872.05	4,660.66	13.29	16.90	-105.82	933.11	731.44	1,205.02	1,176.18	28.84	41.781	
5,100.00	5,033.26	4,967.89	4,751.42	13.58	17.29	-105.53	954.66	753.45	1,232.89	1,203.41	29.48	41.827	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,131.80	5,063.74	4,842.18	13.87	17.68	-105.25	976.22	775.46	1,260.79	1,230.68	30.12	41.865		
5,300.00	5,230.34	5,159.58	4,932.94	14.17	18.07	-104.97	997.77	797.47	1,288.72	1,257.96	30.76	41.896		
5,400.00	5,328.89	5,255.43	5,023.70	14.47	18.47	-104.72	1,019.33	819.48	1,316.67	1,285.26	31.41	41.921		
5,500.00	5,427.43	5,351.28	5,114.46	14.77	18.86	-104.47	1,040.88	841.50	1,344.65	1,312.59	32.06	41.940		
5,600.00	5,525.97	5,447.12	5,205.22	15.08	19.26	-104.23	1,062.44	863.51	1,372.65	1,339.93	32.72	41.955		
5,700.00	5,624.51	5,542.97	5,295.98	15.38	19.66	-104.00	1,083.99	885.52	1,400.67	1,367.29	33.38	41.965		
5,800.00	5,723.05	5,638.81	5,386.74	15.69	20.06	-103.78	1,105.55	907.53	1,428.71	1,394.67	34.04	41.972		
5,900.00	5,821.59	5,734.66	5,477.50	16.00	20.47	-103.57	1,127.10	929.55	1,456.77	1,422.07	34.71	41.974		
6,000.00	5,920.13	5,830.51	5,568.26	16.31	20.87	-103.36	1,148.66	951.56	1,484.85	1,449.47	35.38	41.974		
6,100.00	6,018.67	5,926.35	5,659.01	16.62	21.28	-103.17	1,170.22	973.57	1,512.94	1,476.89	36.05	41.971		
6,200.00	6,117.21	6,022.20	5,749.77	16.93	21.69	-102.98	1,191.77	995.58	1,541.05	1,504.33	36.72	41.965		
6,300.00	6,215.75	6,118.04	5,840.53	17.24	22.10	-102.80	1,213.33	1,017.59	1,569.18	1,531.78	37.40	41.957		
6,400.00	6,314.29	6,213.89	5,931.29	17.56	22.51	-102.62	1,234.88	1,039.61	1,597.31	1,559.24	38.08	41.947		
6,500.00	6,412.83	6,309.74	6,022.05	17.87	22.92	-102.45	1,256.44	1,061.62	1,625.47	1,586.71	38.76	41.935		
6,600.00	6,511.38	6,405.58	6,112.81	18.19	23.33	-102.29	1,277.99	1,083.63	1,653.63	1,614.19	39.45	41.922		
6,700.00	6,609.92	6,501.43	6,203.57	18.51	23.74	-102.13	1,299.55	1,105.64	1,681.81	1,641.68	40.13	41.907		
6,800.00	6,708.16	6,602.64	6,294.41	18.84	24.18	-95.62	1,321.12	1,127.67	1,709.82	1,668.97	40.85	41.852		
6,900.00	6,803.11	6,706.83	6,385.14	19.25	24.63	-88.51	1,342.67	1,149.68	1,736.15	1,694.46	41.69	41.644		
7,000.00	6,892.11	6,786.74	6,473.74	19.76	24.98	-85.00	1,363.72	1,171.17	1,760.19	1,717.63	42.55	41.365		
7,100.00	6,972.96	6,875.78	6,558.05	20.36	25.37	-83.08	1,383.74	1,191.62	1,781.98	1,738.41	43.57	40.896		
7,200.00	7,043.67	6,958.08	6,635.99	21.07	25.72	-82.05	1,402.25	1,210.52	1,801.91	1,757.23	44.68	40.325		
7,300.00	7,102.50	7,033.51	6,707.37	21.87	26.05	-81.54	1,419.20	1,228.01	1,820.59	1,774.71	45.88	39.680		
7,400.00	7,148.01	7,118.74	6,785.97	22.77	26.47	-81.60	1,437.91	1,254.94	1,838.28	1,790.98	47.29	38.871		
7,500.00	7,179.07	7,217.08	6,871.33	23.75	27.04	-82.17	1,458.31	1,299.08	1,854.67	1,805.70	48.97	37.874		
7,600.00	7,194.92	7,336.65	6,964.65	24.79	27.87	-83.38	1,480.73	1,370.11	1,869.31	1,818.32	50.99	36.662		
7,700.00	7,196.79	7,494.05	7,064.81	25.88	29.17	-85.83	1,505.02	1,488.54	1,881.51	1,828.01	53.50	35.168		
7,800.00	7,196.31	7,721.14	7,153.03	27.02	31.39	-88.58	1,526.95	1,695.34	1,890.11	1,833.25	56.87	33.238		
7,900.00	7,195.84	7,916.03	7,169.94	28.22	33.47	-89.12	1,531.96	1,888.84	1,891.90	1,831.83	60.07	31.494		
8,000.00	7,195.36	8,016.03	7,169.79	29.47	34.58	-89.13	1,532.46	1,988.83	1,892.29	1,829.78	62.51	30.274		
8,100.00	7,194.89	8,116.03	7,169.64	30.75	35.74	-89.14	1,532.95	2,088.83	1,892.67	1,827.65	65.02	29.109		
8,200.00	7,194.41	8,216.03	7,169.50	32.08	36.93	-89.15	1,533.44	2,188.83	1,893.06	1,825.45	67.61	28.000		
8,300.00	7,193.93	8,316.03	7,169.35	33.44	38.16	-89.16	1,533.94	2,288.83	1,893.45	1,823.19	70.26	26.949		
8,400.00	7,193.46	8,416.02	7,169.21	34.82	39.42	-89.17	1,534.43	2,388.82	1,893.83	1,820.87	72.97	25.954		
8,500.00	7,192.98	8,516.02	7,169.06	36.23	40.71	-89.18	1,534.93	2,488.82	1,894.22	1,818.49	75.73	25.013		
8,600.00	7,192.51	8,616.02	7,168.92	37.66	42.03	-89.19	1,535.42	2,588.82	1,894.61	1,816.07	78.53	24.125		
8,700.00	7,192.03	8,716.02	7,168.77	39.11	43.37	-89.20	1,535.91	2,688.82	1,894.99	1,813.61	81.38	23.286		
8,800.00	7,191.56	8,816.02	7,168.62	40.58	44.73	-89.21	1,536.41	2,788.81	1,895.38	1,811.12	84.26	22.493		
8,900.00	7,191.08	8,916.02	7,168.48	42.07	46.11	-89.23	1,536.90	2,888.81	1,895.77	1,808.59	87.18	21.746		
9,000.00	7,190.61	9,016.02	7,168.33	43.56	47.51	-89.24	1,537.40	2,988.81	1,896.16	1,806.03	90.13	21.039		
9,100.00	7,190.13	9,116.01	7,168.19	45.07	48.93	-89.25	1,537.89	3,088.80	1,896.54	1,803.44	93.10	20.371		
9,200.00	7,189.66	9,216.01	7,168.04	46.59	50.36	-89.26	1,538.39	3,188.80	1,896.93	1,800.83	96.10	19.740		
9,300.00	7,189.18	9,316.01	7,167.89	48.13	51.81	-89.27	1,538.88	3,288.80	1,897.32	1,798.20	99.12	19.143		
9,400.00	7,188.70	9,416.01	7,167.75	49.67	53.27	-89.28	1,539.37	3,388.80	1,897.70	1,795.55	102.16	18.577		
9,500.00	7,188.23	9,516.01	7,167.60	51.22	54.74	-89.29	1,539.87	3,488.79	1,898.09	1,792.88	105.21	18.040		
9,600.00	7,187.75	9,616.01	7,167.46	52.77	56.23	-89.30	1,540.36	3,588.79	1,898.48	1,790.19	108.29	17.532		
9,700.00	7,187.28	9,716.01	7,167.31	54.34	57.72	-89.31	1,540.86	3,688.79	1,898.87	1,787.49	111.38	17.049		
9,800.00	7,186.80	9,816.01	7,167.17	55.91	59.22	-89.32	1,541.35	3,788.79	1,899.25	1,784.77	114.48	16.590		
9,900.00	7,186.33	9,916.00	7,167.02	57.48	60.73	-89.33	1,541.84	3,888.78	1,899.64	1,782.04	117.60	16.153		
10,000.00	7,185.85	10,016.00	7,166.87	59.06	62.25	-89.34	1,542.34	3,988.78	1,900.03	1,779.30	120.73	15.737		
10,100.00	7,185.38	10,116.00	7,166.73	60.65	63.78	-89.35	1,542.83	4,088.78	1,900.42	1,776.54	123.87	15.341		
10,200.00	7,184.90	10,216.00	7,166.58	62.24	65.32	-89.36	1,543.33	4,188.78	1,900.80	1,773.78	127.03	14.964		
10,300.00	7,184.42	10,316.00	7,166.44	63.83	66.86	-89.37	1,543.82	4,288.77	1,901.19	1,771.00	130.19	14.603		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,183.95	10,416.00	7,166.29	65.43	68.40	-89.38	1,544.31	4,388.77	1,901.58	1,768.22	133.36	14.259		
10,500.00	7,183.47	10,516.00	7,166.15	67.04	69.96	-89.39	1,544.81	4,488.77	1,901.97	1,765.43	136.54	13.930		
10,600.00	7,183.00	10,616.00	7,166.00	68.64	71.51	-89.40	1,545.30	4,588.77	1,902.36	1,762.63	139.72	13.615		
10,700.00	7,182.52	10,715.99	7,165.85	70.25	73.08	-89.41	1,545.80	4,688.76	1,902.74	1,759.83	142.92	13.314		
10,800.00	7,182.05	10,815.99	7,165.71	71.86	74.65	-89.42	1,546.29	4,788.76	1,903.13	1,757.01	146.12	13.025		
10,900.00	7,181.57	10,915.99	7,165.56	73.48	76.22	-89.43	1,546.78	4,888.76	1,903.52	1,754.20	149.32	12.748		
11,000.00	7,181.10	11,015.99	7,165.42	75.09	77.79	-89.44	1,547.28	4,988.75	1,903.91	1,751.37	152.54	12.482		
11,100.00	7,180.62	11,115.99	7,165.27	76.71	79.37	-89.45	1,547.77	5,088.75	1,904.30	1,748.54	155.76	12.226		
11,200.00	7,180.15	11,215.99	7,165.13	78.33	80.96	-89.46	1,548.27	5,188.75	1,904.68	1,745.71	158.98	11.981		
11,300.00	7,179.67	11,315.99	7,164.98	79.96	82.54	-89.47	1,548.76	5,288.75	1,905.07	1,742.87	162.21	11.745		
11,400.00	7,179.19	11,415.98	7,164.83	81.58	84.14	-89.48	1,549.25	5,388.74	1,905.46	1,740.02	165.44	11.518		
11,500.00	7,178.72	11,515.98	7,164.69	83.21	85.73	-89.49	1,549.75	5,488.74	1,905.85	1,737.17	168.68	11.299		
11,600.00	7,178.24	11,615.98	7,164.54	84.84	87.33	-89.50	1,550.24	5,588.74	1,906.24	1,734.32	171.92	11.088		
11,700.00	7,177.77	11,715.98	7,164.40	86.47	88.92	-89.51	1,550.74	5,688.74	1,906.63	1,731.46	175.16	10.885		
11,800.00	7,177.29	11,815.98	7,164.25	88.11	90.53	-89.52	1,551.23	5,788.73	1,907.02	1,728.60	178.41	10.689		
11,900.00	7,176.82	11,915.98	7,164.11	89.74	92.13	-89.53	1,551.72	5,888.73	1,907.40	1,725.74	181.66	10.500		
12,000.00	7,176.34	12,015.98	7,163.96	91.38	93.74	-89.54	1,552.22	5,988.73	1,907.79	1,722.87	184.92	10.317		
12,100.00	7,175.87	12,115.98	7,163.81	93.01	95.35	-89.55	1,552.71	6,088.73	1,908.18	1,720.00	188.18	10.140		
12,200.00	7,175.39	12,215.97	7,163.67	94.65	96.96	-89.56	1,553.21	6,188.72	1,908.57	1,717.13	191.44	9.970		
12,300.00	7,174.91	12,315.97	7,163.52	96.29	98.57	-89.57	1,553.70	6,288.72	1,908.96	1,714.25	194.71	9.804		
12,400.00	7,174.44	12,415.97	7,163.38	97.93	100.19	-89.58	1,554.20	6,388.72	1,909.35	1,711.38	197.97	9.645		
12,500.00	7,173.96	12,515.97	7,163.23	99.57	101.80	-89.59	1,554.69	6,488.72	1,909.74	1,708.50	201.24	9.490		
12,600.00	7,173.49	12,615.97	7,163.09	101.21	103.42	-89.60	1,555.18	6,588.71	1,910.13	1,705.61	204.51	9.340		
12,700.00	7,173.01	12,715.97	7,162.94	102.86	105.04	-89.61	1,555.68	6,688.71	1,910.52	1,702.73	207.79	9.195		
12,800.00	7,172.54	12,815.97	7,162.79	104.50	106.66	-89.62	1,556.17	6,788.71	1,910.90	1,699.84	211.06	9.054		
12,900.00	7,172.06	12,915.97	7,162.65	106.15	108.29	-89.63	1,556.67	6,888.70	1,911.29	1,696.95	214.34	8.917		
13,000.00	7,171.59	13,015.96	7,162.50	107.79	109.91	-89.64	1,557.16	6,988.70	1,911.68	1,694.06	217.62	8.784		
13,100.00	7,171.11	13,115.96	7,162.36	109.44	111.54	-89.65	1,557.65	7,088.70	1,912.07	1,691.17	220.91	8.656		
13,200.00	7,170.64	13,215.96	7,162.21	111.09	113.17	-89.66	1,558.15	7,188.70	1,912.46	1,688.27	224.19	8.531		
13,300.00	7,170.16	13,315.96	7,162.07	112.74	114.80	-89.67	1,558.64	7,288.69	1,912.85	1,685.37	227.48	8.409		
13,400.00	7,169.68	13,415.96	7,161.92	114.39	116.43	-89.68	1,559.14	7,388.69	1,913.24	1,682.48	230.76	8.291		
13,500.00	7,169.21	13,515.96	7,161.77	116.04	118.06	-89.69	1,559.63	7,488.69	1,913.63	1,679.58	234.05	8.176		
13,600.00	7,168.73	13,615.96	7,161.63	117.69	119.69	-89.70	1,560.12	7,588.69	1,914.02	1,676.68	237.34	8.064		
13,700.00	7,168.26	13,715.95	7,161.48	119.34	121.32	-89.71	1,560.62	7,688.68	1,914.41	1,673.77	240.64	7.956		
13,800.00	7,167.78	13,815.95	7,161.34	120.99	122.96	-89.72	1,561.11	7,788.68	1,914.80	1,670.87	243.93	7.850		
13,900.00	7,167.31	13,915.95	7,161.19	122.64	124.59	-89.73	1,561.61	7,888.68	1,915.19	1,667.96	247.23	7.747		
14,000.00	7,166.83	14,015.95	7,161.05	124.29	126.23	-89.74	1,562.10	7,988.68	1,915.58	1,665.06	250.52	7.646		
14,100.00	7,166.36	14,115.95	7,160.90	125.95	127.87	-89.75	1,562.59	8,088.67	1,915.97	1,662.15	253.82	7.549		
14,200.00	7,165.88	14,215.95	7,160.75	127.60	129.51	-89.76	1,563.09	8,188.67	1,916.36	1,659.24	257.12	7.453		
14,300.00	7,165.40	14,315.95	7,160.61	129.26	131.14	-89.77	1,563.58	8,288.67	1,916.75	1,656.33	260.42	7.360		
14,400.00	7,164.93	14,415.95	7,160.46	130.91	132.78	-89.78	1,564.08	8,388.67	1,917.14	1,653.42	263.72	7.270		
14,500.00	7,164.45	14,515.94	7,160.32	132.57	134.42	-89.79	1,564.57	8,488.66	1,917.53	1,650.51	267.02	7.181		
14,600.00	7,163.98	14,615.94	7,160.17	134.22	136.07	-89.80	1,565.06	8,588.66	1,917.92	1,647.60	270.32	7.095		
14,700.00	7,163.50	14,715.94	7,160.02	135.88	137.71	-89.81	1,565.56	8,688.66	1,918.31	1,644.68	273.63	7.011		
14,800.00	7,163.03	14,815.94	7,159.88	137.54	139.35	-89.82	1,566.05	8,788.65	1,918.70	1,641.77	276.93	6.928		
14,900.00	7,162.55	14,915.94	7,159.73	139.19	141.00	-89.83	1,566.55	8,888.65	1,919.09	1,638.85	280.24	6.848		
15,000.00	7,162.08	15,015.94	7,159.59	140.85	142.64	-89.84	1,567.04	8,988.65	1,919.48	1,635.94	283.55	6.770		
15,100.00	7,161.60	15,115.94	7,159.44	142.51	144.28	-89.84	1,567.53	9,088.65	1,919.87	1,633.02	286.85	6.693		
15,200.00	7,161.13	15,215.93	7,159.30	144.17	145.93	-89.85	1,568.03	9,188.64	1,920.26	1,630.10	290.16	6.618		
15,300.00	7,160.65	15,315.93	7,159.15	145.82	147.58	-89.86	1,568.52	9,288.64	1,920.65	1,627.18	293.47	6.545		
15,400.00	7,160.17	15,415.93	7,159.00	147.48	149.22	-89.87	1,569.02	9,388.64	1,921.04	1,624.26	296.78	6.473		
15,500.00	7,159.70	15,515.93	7,158.86	149.14	150.87	-89.88	1,569.51	9,488.64	1,921.44	1,621.34	300.09	6.403		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,159.22	15,615.93	7,158.71	150.80	152.52	-89.89	1,570.01	9,588.63	1,921.83	1,618.42	303.40	6.334	
15,700.00	7,158.75	15,715.93	7,158.57	152.46	154.17	-89.90	1,570.50	9,688.63	1,922.22	1,615.50	306.72	6.267	
15,800.00	7,158.27	15,815.93	7,158.42	154.12	155.82	-89.91	1,570.99	9,788.63	1,922.61	1,612.58	310.03	6.201	
15,900.00	7,157.80	15,915.93	7,158.28	155.78	157.46	-89.92	1,571.49	9,888.63	1,923.00	1,609.66	313.34	6.137	
16,000.00	7,157.32	16,015.92	7,158.13	157.44	159.11	-89.93	1,571.98	9,988.62	1,923.39	1,606.73	316.66	6.074	
16,100.00	7,156.85	16,115.92	7,157.98	159.10	160.77	-89.94	1,572.48	10,088.62	1,923.78	1,603.81	319.97	6.012	
16,200.00	7,156.37	16,215.92	7,157.84	160.76	162.42	-89.95	1,572.97	10,188.62	1,924.17	1,600.89	323.29	5.952	
16,300.00	7,155.89	16,315.92	7,157.69	162.42	164.07	-89.96	1,573.46	10,288.62	1,924.56	1,597.96	326.60	5.893	
16,400.00	7,155.42	16,415.92	7,157.55	164.08	165.72	-89.97	1,573.96	10,388.61	1,924.95	1,595.04	329.92	5.835	
16,500.00	7,154.94	16,515.92	7,157.40	165.75	167.37	-89.98	1,574.45	10,488.61	1,925.35	1,592.11	333.24	5.778	
16,600.00	7,154.47	16,615.92	7,157.26	167.41	169.02	-89.99	1,574.95	10,588.61	1,925.74	1,589.18	336.55	5.722	
16,700.00	7,153.99	16,715.92	7,157.11	169.07	170.68	-90.00	1,575.44	10,688.60	1,926.13	1,586.26	339.87	5.667	
16,800.00	7,153.52	16,815.91	7,156.96	170.73	172.33	-90.01	1,575.93	10,788.60	1,926.52	1,583.33	343.19	5.614	
16,900.00	7,153.04	16,915.91	7,156.82	172.39	173.98	-90.02	1,576.43	10,888.60	1,926.91	1,580.40	346.51	5.561	
17,000.00	7,152.57	17,015.91	7,156.67	174.06	175.64	-90.03	1,576.92	10,988.60	1,927.30	1,577.48	349.83	5.509	
17,100.00	7,152.09	17,115.91	7,156.53	175.72	177.29	-90.04	1,577.42	11,088.59	1,927.70	1,574.55	353.15	5.459	
17,200.00	7,151.62	17,215.91	7,156.38	177.38	178.95	-90.05	1,577.91	11,188.59	1,928.09	1,571.62	356.47	5.409	
17,300.00	7,151.14	17,315.91	7,156.24	179.05	180.60	-90.06	1,578.40	11,288.59	1,928.48	1,568.69	359.79	5.360	
17,400.00	7,150.66	17,415.91	7,156.09	180.71	182.26	-90.07	1,578.90	11,388.59	1,928.87	1,565.76	363.11	5.312	
17,500.00	7,150.19	17,515.90	7,155.94	182.37	183.91	-90.08	1,579.39	11,488.58	1,929.26	1,562.83	366.43	5.265	
17,600.00	7,149.71	17,615.90	7,155.80	184.04	185.57	-90.09	1,579.89	11,588.58	1,929.65	1,559.90	369.75	5.219	
17,700.00	7,149.24	17,715.90	7,155.65	185.70	187.22	-90.10	1,580.38	11,688.58	1,930.05	1,556.97	373.08	5.173	
17,800.00	7,148.76	17,815.90	7,155.51	187.37	188.88	-90.11	1,580.87	11,788.58	1,930.44	1,554.04	376.40	5.129	
17,900.00	7,148.29	17,915.90	7,155.36	189.03	190.54	-90.12	1,581.37	11,888.57	1,930.83	1,551.11	379.72	5.085	
18,000.00	7,147.81	18,015.90	7,155.22	190.69	192.19	-90.13	1,581.86	11,988.57	1,931.22	1,548.18	383.04	5.042	
18,060.31	7,147.52	18,076.20	7,155.13	191.70	193.19	-90.14	1,582.16	12,048.88	1,931.46	1,546.41	385.05	5.016 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.21	-4.34	1,179.62	1,179.63				
100.00	100.00	102.00	102.00	3.28	3.28	90.21	-4.34	1,179.62	1,179.63	1,172.10	7.53	156.676	
200.00	200.00	202.00	202.00	3.31	3.31	90.21	-4.34	1,179.62	1,179.63	1,172.05	7.57	155.735	
300.00	299.98	301.98	301.98	3.35	3.35	-17.83	-4.34	1,179.62	1,177.97	1,170.31	7.66	153.744	
400.00	399.84	380.07	380.06	3.41	3.40	-17.95	-3.51	1,180.36	1,173.93	1,166.16	7.77	151.035	
500.00	499.45	458.42	458.34	3.50	3.47	-18.21	-1.07	1,182.53	1,168.41	1,160.49	7.92	147.582	
600.00	598.70	536.50	536.23	3.62	3.54	-18.60	2.95	1,186.10	1,161.44	1,153.34	8.10	143.468	
700.00	697.47	614.17	613.54	3.77	3.64	-19.11	8.52	1,191.06	1,153.10	1,144.79	8.31	138.731	
800.00	796.01	691.53	690.31	3.96	3.74	-19.68	15.62	1,197.37	1,145.40	1,136.85	8.55	133.892	
900.00	894.55	768.61	766.52	4.18	3.86	-20.32	24.23	1,205.03	1,139.75	1,130.92	8.83	129.041	
1,000.00	993.09	845.30	842.01	4.42	4.00	-21.04	34.32	1,214.01	1,136.22	1,127.08	9.14	124.280	
1,100.00	1,091.63	921.49	916.63	4.68	4.16	-21.82	45.83	1,224.25	1,134.89	1,125.40	9.48	119.687	
1,109.11	1,100.60	928.40	923.38	4.71	4.18	-21.90	46.95	1,225.24	1,134.88	1,125.36	9.52	119.271	CC, ES
1,200.00	1,190.17	997.09	990.23	4.96	4.35	-22.67	58.72	1,235.70	1,135.83	1,125.98	9.85	115.311	
1,300.00	1,288.71	1,109.34	1,080.96	5.25	4.66	-23.77	75.84	1,250.93	1,138.46	1,128.11	10.35	109.955	
1,400.00	1,387.25	1,187.87	1,175.20	5.55	4.91	-24.91	93.65	1,266.77	1,141.60	1,130.79	10.81	105.630	
1,500.00	1,485.79	1,285.08	1,269.44	5.87	5.23	-26.04	111.45	1,282.60	1,145.20	1,133.87	11.33	101.049	
1,600.00	1,584.34	1,382.29	1,363.68	6.19	5.56	-27.16	129.26	1,298.44	1,149.28	1,137.40	11.88	96.734	
1,700.00	1,682.88	1,479.50	1,457.92	6.52	5.91	-28.28	147.07	1,314.27	1,153.81	1,141.37	12.44	92.724	
1,800.00	1,781.42	1,576.70	1,552.17	6.85	6.28	-29.39	164.87	1,330.11	1,158.81	1,145.78	13.03	88.963	
1,900.00	1,879.96	1,673.91	1,646.41	7.04	6.65	-30.48	182.68	1,345.94	1,164.25	1,150.99	13.27	87.746	
2,000.00	1,978.50	1,771.12	1,740.65	7.08	7.04	-31.57	200.49	1,361.78	1,170.15	1,156.55	13.60	86.044	
2,100.00	2,077.04	1,868.33	1,834.89	7.13	7.30	-32.65	218.29	1,377.62	1,176.48	1,162.80	13.67	86.039	
2,200.00	2,175.58	1,965.53	1,929.13	7.20	7.41	-33.71	236.10	1,393.45	1,183.24	1,169.44	13.80	85.731	
2,300.00	2,274.12	2,062.74	2,023.37	7.29	7.48	-34.77	253.91	1,409.29	1,190.42	1,176.51	13.91	85.562	
2,400.00	2,372.66	2,159.95	2,117.62	7.39	7.57	-35.81	271.71	1,425.12	1,198.03	1,183.97	14.06	85.227	
2,500.00	2,471.20	2,257.16	2,211.86	7.51	7.67	-36.84	289.52	1,440.96	1,206.04	1,191.80	14.23	84.738	
2,600.00	2,569.74	2,354.37	2,306.10	7.64	7.80	-37.85	307.33	1,456.79	1,214.45	1,200.01	14.44	84.110	
2,700.00	2,668.28	2,451.57	2,400.34	7.78	7.93	-38.85	325.13	1,472.63	1,223.25	1,208.58	14.67	83.360	
2,800.00	2,766.83	2,548.78	2,494.58	7.94	8.09	-39.84	342.94	1,488.46	1,232.44	1,217.50	14.94	82.505	
2,900.00	2,865.37	2,645.99	2,588.83	8.11	8.25	-40.82	360.74	1,504.30	1,242.01	1,226.78	15.23	81.561	
3,000.00	2,963.91	2,743.20	2,683.07	8.28	8.43	-41.77	378.55	1,520.14	1,251.94	1,236.39	15.54	80.547	
3,100.00	3,062.45	2,840.40	2,777.31	8.47	8.63	-42.72	396.36	1,535.97	1,262.22	1,246.34	15.88	79.477	
3,200.00	3,160.99	2,937.61	2,871.55	8.67	8.83	-43.65	414.16	1,551.81	1,272.86	1,256.62	16.24	78.366	
3,300.00	3,259.53	3,034.82	2,965.79	8.88	9.05	-44.56	431.97	1,567.64	1,283.84	1,267.22	16.62	77.227	
3,400.00	3,358.07	3,132.03	3,060.03	9.09	9.27	-45.46	449.78	1,583.48	1,295.15	1,278.13	17.03	76.072	
3,500.00	3,456.61	3,229.23	3,154.28	9.31	9.51	-46.35	467.58	1,599.31	1,306.79	1,289.34	17.44	74.912	
3,600.00	3,555.15	3,326.44	3,248.52	9.54	9.75	-47.22	485.39	1,615.15	1,318.74	1,300.86	17.88	73.753	
3,700.00	3,653.69	3,423.65	3,342.76	9.78	10.00	-48.07	503.20	1,630.99	1,330.99	1,312.66	18.33	72.605	
3,800.00	3,752.23	3,520.86	3,437.00	10.02	10.26	-48.91	521.00	1,646.82	1,343.55	1,324.75	18.80	71.472	
3,900.00	3,850.77	3,618.07	3,531.24	10.27	10.53	-49.73	538.81	1,662.66	1,356.39	1,337.11	19.28	70.360	
4,000.00	3,949.31	3,715.27	3,625.48	10.52	10.80	-50.54	556.62	1,678.49	1,369.52	1,349.75	19.77	69.272	
4,100.00	4,047.86	3,812.48	3,719.73	10.78	11.08	-51.34	574.42	1,694.33	1,382.92	1,362.64	20.27	68.211	
4,200.00	4,146.40	3,909.69	3,813.97	11.05	11.36	-52.12	592.23	1,710.16	1,396.58	1,375.79	20.79	67.181	
4,300.00	4,244.94	4,006.90	3,908.21	11.31	11.65	-52.88	610.04	1,726.00	1,410.50	1,389.19	21.31	66.178	
4,400.00	4,343.48	4,104.10	4,002.45	11.59	11.95	-53.63	627.84	1,741.83	1,424.68	1,402.83	21.85	65.209	
4,500.00	4,442.02	4,201.31	4,096.69	11.86	12.25	-54.37	645.65	1,757.67	1,439.09	1,416.70	22.39	64.271	
4,600.00	4,540.56	4,301.48	4,190.93	12.14	12.56	-55.09	663.45	1,773.51	1,453.75	1,430.80	22.95	63.343	
4,700.00	4,639.10	4,404.27	4,285.18	12.42	12.89	-55.79	681.26	1,789.34	1,468.63	1,445.10	23.52	62.429	
4,800.00	4,737.64	4,507.07	4,379.42	12.71	13.22	-56.49	699.07	1,805.18	1,483.73	1,459.62	24.11	61.548	
4,900.00	4,836.18	4,609.86	4,473.66	13.00	13.55	-57.17	716.87	1,821.01	1,499.05	1,474.35	24.70	60.700	
5,000.00	4,934.72	4,687.35	4,567.90	13.29	13.80	-57.83	734.68	1,836.85	1,514.58	1,489.36	25.22	60.061	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,784.56	4,662.14	13.58	14.12	-58.49	752.49	1,852.68	1,530.31	1,504.50	25.80	59.310		
5,200.00	5,131.80	4,881.77	4,756.39	13.87	14.44	-59.13	770.29	1,868.52	1,546.23	1,519.84	26.39	58.588		
5,300.00	5,230.34	4,978.97	4,850.63	14.17	14.77	-59.75	788.10	1,884.36	1,562.35	1,535.36	26.99	57.894		
5,400.00	5,328.89	5,076.18	4,944.87	14.47	15.10	-60.37	805.91	1,900.19	1,578.65	1,551.06	27.59	57.227		
5,500.00	5,427.43	5,173.39	5,039.11	14.77	15.43	-60.97	823.71	1,916.03	1,595.13	1,566.94	28.19	56.586		
5,600.00	5,525.97	5,270.60	5,133.35	15.08	15.76	-61.56	841.52	1,931.86	1,611.78	1,582.98	28.80	55.969		
5,700.00	5,624.51	5,367.80	5,227.59	15.38	16.09	-62.14	859.33	1,947.70	1,628.60	1,599.19	29.41	55.376		
5,800.00	5,723.05	5,465.01	5,321.84	15.69	16.43	-62.71	877.13	1,963.53	1,645.58	1,615.55	30.03	54.806		
5,900.00	5,821.59	5,562.22	5,416.08	16.00	16.76	-63.27	894.94	1,979.37	1,662.72	1,632.07	30.64	54.258		
6,000.00	5,920.13	5,659.43	5,510.32	16.31	17.10	-63.81	912.75	1,995.20	1,680.01	1,648.75	31.27	53.731		
6,100.00	6,018.67	5,756.64	5,604.56	16.62	17.44	-64.34	930.55	2,011.04	1,697.45	1,665.56	31.89	53.224		
6,200.00	6,117.21	5,853.84	5,698.80	16.93	17.78	-64.87	948.36	2,026.88	1,715.04	1,682.52	32.52	52.736		
6,300.00	6,215.75	5,951.05	5,793.04	17.24	18.13	-65.38	966.16	2,042.71	1,732.76	1,699.61	33.15	52.266		
6,400.00	6,314.29	6,048.26	5,887.29	17.56	18.47	-65.88	983.97	2,058.55	1,750.62	1,716.84	33.79	51.814		
6,500.00	6,412.83	6,346.48	7,214.71	17.87	25.14	-112.69	1,246.18	971.34	1,757.31	1,718.59	38.72	45.387		
6,600.00	6,511.38	8,328.25	7,215.09	18.19	24.96	-112.05	1,246.10	989.57	1,719.57	1,680.08	39.49	43.549		
6,700.00	6,609.92	8,310.01	7,215.46	18.51	24.78	-111.41	1,246.01	1,007.80	1,686.72	1,646.47	40.25	41.908		
6,800.00	6,708.16	8,290.23	7,215.87	18.84	24.59	-106.56	1,245.91	1,027.58	1,659.14	1,618.14	41.00	40.471		
6,900.00	6,803.11	8,257.62	7,216.54	19.25	24.28	-102.41	1,245.76	1,060.18	1,637.61	1,595.94	41.68	39.294		
7,000.00	6,892.11	8,210.65	7,217.50	19.76	23.85	-100.22	1,245.53	1,107.14	1,622.15	1,579.89	42.26	38.383		
7,100.00	6,972.96	8,150.46	7,218.74	20.36	23.33	-98.27	1,245.24	1,167.31	1,612.12	1,569.32	42.80	37.667		
7,200.00	7,043.67	8,078.54	7,220.21	21.07	22.74	-96.32	1,244.90	1,239.22	1,606.48	1,563.19	43.29	37.108		
7,300.00	7,102.50	8,003.34	7,221.90	21.87	22.17	-94.44	1,244.51	1,321.08	1,603.97	1,560.14	43.83	36.593		
7,400.00	7,148.01	7,906.84	7,223.74	22.77	21.57	-92.82	1,244.08	1,410.88	1,603.30	1,558.95	44.36	36.146		
7,423.83	7,156.76	7,884.50	7,224.20	23.00	21.46	-92.50	1,243.97	1,433.22	1,603.29	1,558.77	44.51	36.017		
7,500.00	7,179.07	7,811.28	7,225.70	23.75	21.17	-91.66	1,243.62	1,506.42	1,603.36	1,558.35	45.01	35.618		
7,600.00	7,194.92	7,625.82	7,207.11	24.79	21.16	-90.11	1,238.48	1,690.24	1,601.03	1,555.42	45.61	35.100		
7,700.00	7,196.79	7,451.96	7,143.34	25.88	21.33	-88.02	1,224.94	1,850.83	1,593.14	1,546.69	46.45	34.299		
7,800.00	7,196.31	7,318.03	7,066.44	27.02	21.43	-85.22	1,209.36	1,959.07	1,582.88	1,535.41	47.47	33.344		
7,900.00	7,195.84	7,220.33	6,997.16	28.22	21.47	-82.67	1,195.58	2,026.42	1,573.40	1,524.84	48.56	32.402		
8,000.00	7,195.36	7,149.04	6,940.62	29.47	21.47	-80.57	1,184.45	2,068.34	1,566.81	1,517.15	49.66	31.549		
8,100.00	7,194.89	7,095.94	6,895.71	30.75	21.46	-78.90	1,175.66	2,095.23	1,564.42	1,513.66	50.76	30.820		
8,100.01	7,194.89	7,095.93	6,895.70	30.75	21.46	-78.90	1,175.66	2,095.23	1,564.42	1,513.66	50.76	30.820		
8,200.00	7,194.41	7,055.38	6,860.00	32.08	21.43	-77.57	1,168.71	2,113.14	1,567.00	1,515.17	51.83	30.234		
8,300.00	7,193.93	7,023.63	6,831.30	33.44	21.41	-76.50	1,163.14	2,125.53	1,574.97	1,522.12	52.85	29.799		
8,400.00	7,193.46	7,000.00	6,809.57	34.82	21.39	-75.70	1,158.93	2,133.80	1,588.55	1,534.72	53.82	29.515		
8,500.00	7,192.98	6,977.47	6,788.58	36.23	21.36	-74.92	1,154.87	2,140.91	1,607.75	1,553.06	54.69	29.398 SF		
8,600.00	7,192.51	6,960.25	6,772.38	37.66	21.34	-74.32	1,151.74	2,145.83	1,632.52	1,577.04	55.48	29.426		
8,700.00	7,192.03	6,950.00	6,762.68	39.11	21.33	-73.96	1,149.87	2,148.55	1,662.68	1,606.48	56.20	29.587		
8,800.00	7,191.56	6,933.39	6,746.86	40.58	21.31	-73.37	1,146.82	2,152.61	1,697.98	1,641.22	56.76	29.914		
8,900.00	7,191.08	6,922.73	6,736.66	42.07	21.29	-73.00	1,144.86	2,155.00	1,738.18	1,680.92	57.26	30.356		
9,000.00	7,190.61	6,913.44	6,727.74	43.56	21.28	-72.67	1,143.14	2,156.93	1,782.97	1,725.30	57.67	30.917		
9,100.00	7,190.13	6,900.00	6,714.78	45.07	21.26	-72.19	1,140.65	2,159.50	1,832.04	1,774.09	57.96	31.610		
9,200.00	7,189.66	6,900.00	6,714.78	46.59	21.26	-72.19	1,140.65	2,159.50	1,885.04	1,826.78	58.26	32.356		
9,300.00	7,189.18	6,900.00	6,714.78	48.13	21.26	-72.19	1,140.65	2,159.50	1,941.74	1,883.25	58.49	33.198		
9,400.00	7,188.70	6,900.00	6,714.78	49.67	21.26	-72.19	1,140.65	2,159.50	2,001.83	1,943.17	58.66	34.127		
9,500.00	7,188.23	6,880.69	6,696.08	51.22	21.22	-71.51	1,137.06	2,162.70	2,064.73	2,006.10	58.64	35.213		
9,600.00	7,187.75	6,875.98	6,691.51	52.77	21.21	-71.34	1,136.19	2,163.40	2,130.58	2,071.91	58.67	36.312		
9,700.00	7,187.28	6,871.70	6,687.34	54.34	21.21	-71.19	1,135.39	2,164.00	2,198.97	2,140.29	58.68	37.475		
9,800.00	7,186.80	6,867.78	6,683.53	55.91	21.20	-71.05	1,134.66	2,164.52	2,269.69	2,211.03	58.66	38.694		
9,900.00	7,186.33	6,850.00	6,666.19	57.48	21.17	-70.42	1,131.34	2,166.60	2,342.68	2,284.17	58.51	40.041		
10,000.00	7,185.85	6,850.00	6,666.19	59.06	21.17	-70.42	1,131.34	2,166.60	2,417.37	2,358.89	58.47	41.343		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,100.00	7,185.38	6,850.00	6,666.19	60.65	21.17	-70.42	1,131.34	2,166.60	2,493.83	2,435.41	58.42	42.688	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58				
100.00	100.00	101.00	101.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58	1,152.05	7.53	154.016	
200.00	200.00	201.00	201.00	3.31	3.31	90.20	-3.98	1,159.58	1,159.58	1,152.01	7.57	153.096	
300.00	299.98	285.06	285.05	3.35	3.34	-17.86	-3.51	1,159.99	1,158.44	1,150.79	7.65	151.403	
400.00	399.84	363.98	363.93	3.41	3.39	-18.04	-1.44	1,161.79	1,155.74	1,147.99	7.76	148.977	
500.00	499.45	442.68	442.47	3.50	3.46	-18.35	2.25	1,165.01	1,151.57	1,143.67	7.90	145.790	
600.00	598.70	521.02	520.49	3.62	3.53	-18.80	7.53	1,169.62	1,145.96	1,137.89	8.08	141.911	
700.00	697.47	600.00	598.93	3.77	3.63	-19.39	14.48	1,175.69	1,139.02	1,130.73	8.29	137.354	
800.00	796.01	676.35	674.48	3.96	3.74	-20.02	22.75	1,182.91	1,132.75	1,124.22	8.54	132.693	
900.00	894.55	753.44	750.45	4.18	3.86	-20.73	32.63	1,191.53	1,128.58	1,119.76	8.82	127.977	
1,000.00	993.09	830.05	825.56	4.42	4.02	-21.51	43.98	1,201.44	1,126.58	1,117.45	9.13	123.343	
1,039.15	1,031.67	859.88	854.70	4.52	4.08	-21.84	48.80	1,205.65	1,126.41	1,117.14	9.27	121.555 CC, ES	
1,100.00	1,091.63	906.07	899.67	4.68	4.19	-22.36	56.72	1,212.56	1,126.83	1,117.35	9.48	118.870	
1,200.00	1,190.17	981.96	973.18	4.96	4.39	-23.28	70.92	1,224.96	1,129.42	1,119.56	9.86	114.574	
1,300.00	1,288.71	1,078.84	1,066.72	5.25	4.69	-24.48	89.92	1,241.54	1,133.41	1,123.07	10.34	109.600	
1,400.00	1,387.25	1,175.72	1,160.27	5.55	5.01	-25.67	108.92	1,258.13	1,137.93	1,127.08	10.85	104.835	
1,500.00	1,485.79	1,272.61	1,253.81	5.87	5.35	-26.85	127.93	1,274.71	1,142.97	1,131.58	11.39	100.323	
1,600.00	1,584.34	1,369.49	1,347.35	6.19	5.71	-28.03	146.93	1,291.30	1,148.53	1,136.57	11.95	96.098	
1,700.00	1,682.88	1,466.37	1,440.89	6.52	6.08	-29.19	165.93	1,307.89	1,154.58	1,142.06	12.53	92.167	
1,800.00	1,781.42	1,563.25	1,534.43	6.85	6.47	-30.34	184.93	1,324.47	1,161.14	1,148.02	13.12	88.508	
1,900.00	1,879.96	1,660.14	1,627.98	7.04	6.87	-31.48	203.93	1,341.06	1,168.18	1,154.81	13.37	87.367	
2,000.00	1,978.50	1,757.02	1,721.52	7.08	7.27	-32.60	222.93	1,357.65	1,175.71	1,161.99	13.71	85.750	
2,100.00	2,077.04	1,853.90	1,815.06	7.13	7.58	-33.71	241.93	1,374.23	1,183.70	1,169.89	13.81	85.697	
2,200.00	2,175.58	1,950.79	1,908.60	7.20	7.72	-34.81	260.94	1,390.82	1,192.15	1,178.19	13.96	85.388	
2,300.00	2,274.12	2,047.67	2,002.14	7.29	7.79	-35.89	279.94	1,407.40	1,201.06	1,186.99	14.07	85.370	
2,400.00	2,372.66	2,144.55	2,095.69	7.39	7.88	-36.95	298.94	1,423.99	1,210.41	1,196.20	14.21	85.185	
2,500.00	2,471.20	2,241.43	2,189.23	7.51	7.99	-38.00	317.94	1,440.58	1,220.19	1,205.81	14.38	84.844	
2,600.00	2,569.74	2,338.32	2,282.77	7.64	8.12	-39.04	336.94	1,457.16	1,230.39	1,215.81	14.58	84.360	
2,700.00	2,668.28	2,435.20	2,376.31	7.78	8.26	-40.06	355.94	1,473.75	1,241.00	1,226.18	14.82	83.749	
2,800.00	2,766.83	2,532.08	2,469.85	7.94	8.41	-41.06	374.94	1,490.33	1,252.01	1,236.94	15.08	83.027	
2,900.00	2,865.37	2,628.96	2,563.39	8.11	8.58	-42.04	393.95	1,506.92	1,263.42	1,248.05	15.37	82.210	
3,000.00	2,963.91	2,725.85	2,656.94	8.28	8.77	-43.01	412.95	1,523.51	1,275.20	1,259.52	15.68	81.315	
3,100.00	3,062.45	2,822.73	2,750.48	8.47	8.97	-43.96	431.95	1,540.09	1,287.35	1,271.33	16.02	80.358	
3,200.00	3,160.99	2,919.61	2,844.02	8.67	9.18	-44.89	450.95	1,556.68	1,299.86	1,283.48	16.38	79.352	
3,300.00	3,259.53	3,016.49	2,937.56	8.88	9.40	-45.80	469.95	1,573.26	1,312.72	1,295.95	16.76	78.312	
3,400.00	3,358.07	3,113.38	3,031.10	9.09	9.63	-46.70	488.95	1,589.85	1,325.91	1,308.75	17.16	77.248	
3,500.00	3,456.61	3,210.26	3,124.65	9.31	9.87	-47.58	507.95	1,606.44	1,339.43	1,321.85	17.58	76.172	
3,600.00	3,555.15	3,307.14	3,218.19	9.54	10.12	-48.44	526.96	1,623.02	1,353.28	1,335.26	18.02	75.092	
3,700.00	3,653.69	3,404.03	3,311.73	9.78	10.38	-49.29	545.96	1,639.61	1,367.43	1,348.95	18.47	74.016	
3,800.00	3,752.23	3,500.91	3,405.27	10.02	10.64	-50.12	564.96	1,656.20	1,381.88	1,362.94	18.94	72.950	
3,900.00	3,850.77	3,602.21	3,498.81	10.27	10.93	-50.93	583.96	1,672.78	1,396.62	1,377.18	19.44	71.858	
4,000.00	3,949.31	3,705.33	3,592.36	10.52	11.23	-51.73	602.96	1,689.37	1,411.64	1,391.69	19.95	70.770	
4,100.00	4,047.86	3,791.56	3,685.90	10.78	11.48	-52.51	621.96	1,705.95	1,426.93	1,406.51	20.43	69.857	
4,200.00	4,146.40	3,888.44	3,779.44	11.05	11.78	-53.28	640.96	1,722.54	1,442.49	1,421.55	20.94	68.873	
4,300.00	4,244.94	3,985.32	3,872.98	11.31	12.07	-54.03	659.97	1,739.13	1,458.30	1,436.83	21.47	67.915	
4,400.00	4,343.48	4,082.20	3,966.52	11.59	12.38	-54.76	678.97	1,755.71	1,474.36	1,452.35	22.01	66.986	
4,500.00	4,442.02	4,179.09	4,060.07	11.86	12.68	-55.48	697.97	1,772.30	1,490.66	1,468.10	22.56	66.085	
4,600.00	4,540.56	4,275.97	4,153.61	12.14	13.00	-56.18	716.97	1,788.88	1,507.19	1,484.07	23.11	65.214	
4,700.00	4,639.10	4,372.85	4,247.15	12.42	13.31	-56.87	735.97	1,805.47	1,523.94	1,500.26	23.67	64.372	
4,800.00	4,737.64	4,469.73	4,340.69	12.71	13.63	-57.54	754.97	1,822.06	1,540.90	1,516.66	24.24	63.559	
4,900.00	4,836.18	4,566.62	4,434.23	13.00	13.95	-58.20	773.97	1,838.64	1,558.08	1,533.26	24.82	62.775	
5,000.00	4,934.72	4,663.50	4,527.78	13.29	14.28	-58.84	792.98	1,855.23	1,575.46	1,550.06	25.40	62.019	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,033.26	4,760.38	4,621.32	13.58	14.61	-59.47	811.98	1,871.81	1,593.04	1,567.04	25.99	61.290	
5,200.00	5,131.80	4,857.26	4,714.86	13.87	14.94	-60.09	830.98	1,888.40	1,610.80	1,584.21	26.59	60.589	
5,300.00	5,230.34	4,954.15	4,808.40	14.17	15.27	-60.70	849.98	1,904.99	1,628.75	1,601.56	27.19	59.913	
5,400.00	5,328.89	5,051.03	4,901.94	14.47	15.61	-61.29	868.98	1,921.57	1,646.87	1,619.08	27.79	59.263	
5,500.00	5,427.43	5,147.91	4,995.49	14.77	15.95	-61.87	887.98	1,938.16	1,665.17	1,636.77	28.40	58.637	
5,600.00	5,525.97	5,244.80	5,089.03	15.08	16.29	-62.44	906.98	1,954.74	1,683.63	1,654.62	29.01	58.034	
5,700.00	5,624.51	5,341.68	5,182.57	15.38	16.63	-62.99	925.99	1,971.33	1,702.25	1,672.62	29.63	57.454	
5,800.00	5,723.05	5,438.56	5,276.11	15.69	16.98	-63.53	944.99	1,987.92	1,721.03	1,690.78	30.25	56.896	
5,900.00	5,821.59	5,535.44	5,369.65	16.00	17.32	-64.07	963.99	2,004.50	1,739.95	1,709.08	30.87	56.359	
6,000.00	5,920.13	5,632.33	5,463.20	16.31	17.67	-64.59	982.99	2,021.09	1,759.03	1,727.53	31.50	55.841	
6,100.00	6,018.67	5,729.21	5,556.74	16.62	18.02	-65.10	1,001.99	2,037.68	1,778.24	1,746.11	32.13	55.343	
6,200.00	6,117.21	8,159.45	6,941.79	16.93	25.48	-113.39	1,285.82	904.00	1,789.56	1,751.70	37.86	47.265	
6,300.00	6,215.75	8,140.66	6,942.29	17.24	25.28	-112.75	1,285.88	922.78	1,751.42	1,712.80	38.62	45.351	
6,400.00	6,314.29	8,121.87	6,942.79	17.56	25.08	-112.10	1,285.95	941.56	1,718.05	1,678.68	39.37	43.634	
6,500.00	6,412.83	8,103.08	6,943.29	17.87	24.89	-111.46	1,286.02	960.34	1,689.74	1,649.63	40.12	42.121	
6,600.00	6,511.38	8,084.29	6,943.79	18.19	24.70	-110.81	1,286.09	979.12	1,666.75	1,625.91	40.85	40.807	
6,700.00	6,609.92	8,065.51	6,944.29	18.51	24.52	-110.16	1,286.16	997.90	1,649.30	1,607.76	41.54	39.707	
6,800.00	6,708.16	8,045.17	6,944.83	18.84	24.32	-104.62	1,286.23	1,018.24	1,637.59	1,595.42	42.17	38.833	
6,900.00	6,803.11	8,012.03	6,945.71	19.25	24.00	-99.01	1,286.35	1,051.36	1,631.86	1,589.17	42.69	38.223	
6,956.84	6,854.57	7,986.74	6,946.39	19.54	23.76	-96.90	1,286.44	1,076.65	1,631.06	1,588.10	42.96	37.968	
7,000.00	6,892.11	7,964.56	6,946.98	19.76	23.56	-95.44	1,286.52	1,098.82	1,631.48	1,588.36	43.12	37.832	
7,100.00	6,972.96	7,903.92	6,948.59	20.36	23.01	-92.27	1,286.74	1,159.43	1,635.28	1,591.82	43.46	37.624	
7,200.00	7,043.67	7,831.61	6,950.52	21.07	22.42	-89.26	1,287.00	1,231.72	1,641.77	1,597.99	43.79	37.494	
7,300.00	7,102.50	7,749.41	6,952.71	21.87	21.81	-86.52	1,287.30	1,313.89	1,649.36	1,605.24	44.12	37.381	
7,400.00	7,148.01	7,659.34	6,955.11	22.77	21.26	-84.27	1,287.63	1,403.92	1,656.53	1,612.01	44.53	37.204	
7,500.00	7,179.07	7,563.62	6,957.66	23.75	20.93	-82.69	1,287.98	1,499.61	1,662.03	1,617.00	45.03	36.907	
7,600.00	7,194.92	7,449.82	6,952.84	24.79	20.92	-81.61	1,286.79	1,613.16	1,664.58	1,618.94	45.64	36.472	
7,700.00	7,196.79	7,338.74	6,929.25	25.88	21.03	-80.71	1,281.80	1,721.45	1,663.68	1,617.31	46.36	35.883	
7,800.00	7,196.31	7,238.12	6,892.26	27.02	21.14	-79.43	1,274.10	1,814.58	1,662.22	1,615.01	47.21	35.209	
7,883.37	7,195.92	7,164.56	6,856.35	28.02	21.21	-78.17	1,266.68	1,878.31	1,661.67	1,613.69	47.98	34.629	
7,900.00	7,195.84	7,151.05	6,848.98	28.22	21.23	-77.92	1,265.16	1,889.53	1,661.70	1,613.56	48.14	34.520	
8,000.00	7,195.36	7,077.56	6,804.93	29.47	21.28	-76.37	1,256.10	1,947.61	1,663.20	1,614.09	49.11	33.869	
8,100.00	7,194.89	7,016.24	6,763.36	30.75	21.31	-74.92	1,247.56	1,991.83	1,667.64	1,617.55	50.08	33.298	
8,200.00	7,194.41	6,965.20	6,725.70	32.08	21.33	-73.61	1,239.84	2,025.39	1,675.72	1,624.68	51.04	32.832	
8,300.00	7,193.93	6,922.56	6,692.31	33.44	21.33	-72.45	1,233.00	2,051.00	1,687.93	1,635.97	51.96	32.484	
8,400.00	7,193.46	6,886.70	6,662.98	34.82	21.33	-71.43	1,227.00	2,070.72	1,704.61	1,651.77	52.83	32.263	
8,500.00	7,192.98	6,850.00	6,631.88	36.23	21.32	-70.36	1,220.64	2,089.13	1,725.93	1,672.31	53.62	32.191 SF	
8,600.00	7,192.51	6,830.35	6,614.82	37.66	21.31	-69.77	1,217.15	2,098.22	1,751.87	1,697.48	54.39	32.209	
8,700.00	7,192.03	6,800.00	6,587.94	39.11	21.29	-68.85	1,211.66	2,111.21	1,782.50	1,727.48	55.01	32.400	
8,800.00	7,191.56	6,788.54	6,577.63	40.58	21.28	-68.50	1,209.55	2,115.77	1,817.56	1,761.90	55.65	32.659	
8,900.00	7,191.08	6,771.52	6,562.19	42.07	21.27	-67.97	1,206.40	2,122.18	1,856.99	1,800.82	56.17	33.061	
9,000.00	7,190.61	6,750.00	6,542.43	43.56	21.25	-67.30	1,202.37	2,129.70	1,900.59	1,844.02	56.57	33.596	
9,100.00	7,190.13	6,750.00	6,542.43	45.07	21.25	-67.30	1,202.37	2,129.70	1,948.08	1,891.05	57.03	34.160	
9,200.00	7,189.66	6,731.36	6,525.12	46.59	21.23	-66.72	1,198.83	2,135.65	1,999.21	1,941.91	57.29	34.894	
9,300.00	7,189.18	6,720.71	6,515.16	48.13	21.21	-66.38	1,196.80	2,138.82	2,053.79	1,996.25	57.54	35.691	
9,400.00	7,188.70	6,700.00	6,495.65	49.67	21.19	-65.73	1,192.82	2,144.49	2,111.65	2,053.98	57.67	36.618	
9,500.00	7,188.23	6,700.00	6,495.65	51.22	21.19	-65.73	1,192.82	2,144.49	2,172.29	2,114.41	57.88	37.532	
9,600.00	7,187.75	6,700.00	6,495.65	52.77	21.19	-65.73	1,192.82	2,144.49	2,235.75	2,177.71	58.04	38.520	
9,700.00	7,187.28	6,700.00	6,495.65	54.34	21.19	-65.73	1,192.82	2,144.49	2,301.81	2,243.65	58.16	39.574	
9,800.00	7,186.80	6,680.62	6,477.23	55.91	21.16	-65.11	1,189.07	2,149.20	2,369.97	2,311.84	58.13	40.772	
9,900.00	7,186.33	6,674.52	6,471.40	57.48	21.15	-64.92	1,187.88	2,150.57	2,440.37	2,382.22	58.15	41.967	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.21	-4.34	1,199.67	1,199.67				
100.00	100.00	102.00	102.00	3.28	3.28	90.21	-4.34	1,199.67	1,199.67	1,192.15	7.53	159.339	
200.00	200.00	202.00	202.00	3.31	3.31	90.21	-4.34	1,199.67	1,199.67	1,192.10	7.57	158.382	
300.00	299.98	281.45	281.44	3.35	3.34	-17.86	-3.42	1,200.37	1,198.89	1,191.24	7.65	156.734	
400.00	399.84	361.15	361.07	3.41	3.39	-18.07	-0.73	1,202.41	1,196.46	1,188.71	7.76	154.268	
500.00	499.45	440.56	440.28	3.50	3.46	-18.41	3.70	1,205.77	1,192.44	1,184.55	7.90	150.986	
600.00	598.70	519.55	518.89	3.62	3.54	-18.89	9.84	1,210.43	1,186.88	1,178.81	8.08	146.960	
700.00	697.47	600.00	598.70	3.77	3.63	-19.51	17.87	1,216.52	1,179.87	1,171.57	8.30	142.176	
800.00	796.01	675.90	673.71	3.96	3.74	-20.16	27.07	1,223.51	1,173.44	1,164.90	8.55	137.310	
900.00	894.55	753.37	749.93	4.18	3.88	-20.91	38.10	1,231.88	1,169.02	1,160.18	8.83	132.331	
1,000.00	993.09	830.26	825.19	4.42	4.03	-21.72	50.66	1,241.41	1,166.68	1,157.52	9.16	127.411	
1,057.46	1,049.71	874.15	867.94	4.57	4.14	-22.23	58.55	1,247.40	1,166.31	1,156.95	9.36	124.634	CC, ES
1,100.00	1,091.63	906.48	899.35	4.68	4.22	-22.61	64.70	1,252.07	1,166.51	1,157.00	9.51	122.641	
1,200.00	1,190.17	982.49	972.79	4.96	4.43	-23.56	80.25	1,263.87	1,168.62	1,158.72	9.90	118.045	
1,300.00	1,288.71	1,078.90	1,065.66	5.25	4.73	-24.80	100.91	1,279.55	1,172.14	1,161.75	10.39	112.767	
1,400.00	1,387.25	1,175.32	1,158.52	5.55	5.06	-26.04	121.56	1,295.22	1,176.25	1,165.33	10.92	107.728	
1,500.00	1,485.79	1,271.74	1,251.39	5.87	5.41	-27.27	142.21	1,310.90	1,180.94	1,169.47	11.47	102.971	
1,600.00	1,584.34	1,368.15	1,344.25	6.19	5.77	-28.48	162.87	1,326.57	1,186.21	1,174.17	12.04	98.549	
1,700.00	1,682.88	1,464.57	1,437.12	6.52	6.16	-29.69	183.52	1,342.25	1,192.04	1,179.42	12.63	94.419	
1,800.00	1,781.42	1,560.98	1,529.98	6.85	6.55	-30.88	204.17	1,357.92	1,198.44	1,185.21	13.23	90.602	
1,900.00	1,879.96	1,657.40	1,622.84	7.04	6.95	-32.07	224.83	1,373.60	1,205.38	1,191.89	13.49	89.356	
2,000.00	1,978.50	1,753.81	1,715.71	7.08	7.36	-33.24	245.48	1,389.27	1,212.86	1,199.03	13.84	87.644	
2,100.00	2,077.04	1,850.23	1,808.57	7.13	7.69	-34.39	266.13	1,404.95	1,220.88	1,206.93	13.95	87.503	
2,200.00	2,175.58	1,946.65	1,901.44	7.20	7.84	-35.53	286.79	1,420.62	1,229.41	1,215.31	14.11	87.133	
2,300.00	2,274.12	2,043.06	1,994.30	7.29	7.91	-36.66	307.44	1,436.30	1,238.46	1,224.24	14.22	87.114	
2,400.00	2,372.66	2,139.48	2,087.16	7.39	8.00	-37.77	328.09	1,451.97	1,248.00	1,233.65	14.36	86.931	
2,500.00	2,471.20	2,235.89	2,180.03	7.51	8.11	-38.86	348.75	1,467.65	1,258.03	1,243.51	14.53	86.592	
2,600.00	2,569.74	2,332.31	2,272.89	7.64	8.24	-39.94	369.40	1,483.32	1,268.54	1,253.81	14.73	86.113	
2,700.00	2,668.28	2,428.73	2,365.76	7.78	8.38	-41.00	390.05	1,499.00	1,279.51	1,264.55	14.96	85.508	
2,800.00	2,766.83	2,525.14	2,458.62	7.94	8.54	-42.04	410.71	1,514.67	1,290.94	1,275.71	15.22	84.794	
2,900.00	2,865.37	2,621.56	2,551.49	8.11	8.72	-43.07	431.36	1,530.35	1,302.89	1,287.29	15.51	83.986	
3,000.00	2,963.91	2,717.97	2,644.35	8.28	8.90	-44.08	452.01	1,546.02	1,315.09	1,299.26	15.83	83.100	
3,100.00	3,062.45	2,814.39	2,737.21	8.47	9.10	-45.07	472.67	1,561.70	1,327.80	1,311.64	16.16	82.153	
3,200.00	3,160.99	2,910.81	2,830.08	8.67	9.31	-46.04	493.32	1,577.37	1,340.91	1,324.39	16.52	81.158	
3,300.00	3,259.53	3,007.22	2,922.94	8.88	9.54	-46.99	513.97	1,593.05	1,354.42	1,337.51	16.90	80.128	
3,400.00	3,358.07	3,103.64	3,015.81	9.09	9.77	-47.93	534.63	1,608.72	1,368.30	1,351.00	17.30	79.076	
3,500.00	3,456.61	3,200.05	3,108.67	9.31	10.02	-48.85	555.28	1,624.40	1,382.56	1,364.84	17.72	78.010	
3,600.00	3,555.15	3,303.53	3,201.54	9.54	10.29	-49.74	575.93	1,640.07	1,397.17	1,379.00	18.18	76.872	
3,700.00	3,653.69	3,392.89	3,294.40	9.78	10.53	-50.63	596.59	1,655.75	1,412.14	1,393.53	18.61	75.874	
3,800.00	3,752.23	3,489.30	3,387.26	10.02	10.80	-51.49	617.24	1,671.42	1,427.44	1,408.36	19.08	74.818	
3,900.00	3,850.77	3,585.72	3,480.13	10.27	11.08	-52.34	637.89	1,687.10	1,443.06	1,423.50	19.56	73.777	
4,000.00	3,949.31	3,682.13	3,572.99	10.52	11.36	-53.16	658.55	1,702.77	1,459.00	1,438.95	20.05	72.755	
4,100.00	4,047.86	3,778.55	3,665.86	10.78	11.65	-53.98	679.20	1,718.45	1,475.24	1,454.68	20.56	71.756	
4,200.00	4,146.40	3,874.96	3,758.72	11.05	11.94	-54.77	699.85	1,734.13	1,491.78	1,470.71	21.08	70.782	
4,300.00	4,244.94	3,971.38	3,851.58	11.31	12.24	-55.55	720.51	1,749.80	1,508.61	1,487.01	21.60	69.834	
4,400.00	4,343.48	4,067.80	3,944.45	11.59	12.55	-56.31	741.16	1,765.48	1,525.71	1,503.57	22.14	68.914	
4,500.00	4,442.02	4,164.21	4,037.31	11.86	12.86	-57.05	761.81	1,781.15	1,543.08	1,520.39	22.68	68.022	
4,600.00	4,540.56	4,260.63	4,130.18	12.14	13.17	-57.78	782.46	1,796.83	1,560.70	1,537.46	23.24	67.160	
4,700.00	4,639.10	4,357.04	4,223.04	12.42	13.49	-58.49	803.12	1,812.50	1,578.58	1,554.78	23.80	66.326	
4,800.00	4,737.64	4,453.46	4,315.91	12.71	13.82	-59.19	823.77	1,828.18	1,596.69	1,572.32	24.37	65.522	
4,900.00	4,836.18	4,549.88	4,408.77	13.00	14.14	-59.87	844.42	1,843.85	1,615.04	1,590.10	24.94	64.746	
5,000.00	4,934.72	4,646.29	4,501.63	13.29	14.47	-60.54	865.08	1,859.53	1,633.61	1,608.09	25.53	63.997	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,742.71	4,594.50	13.58	14.80	-61.19	885.73	1,875.20	1,652.40	1,626.29	26.11	63.277		
5,200.00	5,131.80	4,839.12	4,687.36	13.87	15.14	-61.83	906.38	1,890.88	1,671.40	1,644.70	26.71	62.583		
5,300.00	5,230.34	4,935.54	4,780.23	14.17	15.47	-62.46	927.04	1,906.55	1,690.61	1,663.30	27.31	61.915		
5,400.00	5,328.89	5,031.96	4,873.09	14.47	15.81	-63.07	947.69	1,922.23	1,710.00	1,682.10	27.91	61.272		
5,500.00	5,427.43	5,128.37	4,965.95	14.77	16.16	-63.67	968.34	1,937.90	1,729.59	1,701.08	28.52	60.653		
5,600.00	5,525.97	5,224.79	5,058.82	15.08	16.50	-64.25	989.00	1,953.58	1,749.36	1,720.24	29.13	60.057		
5,700.00	5,624.51	5,321.20	5,151.68	15.38	16.85	-64.82	1,009.65	1,969.25	1,769.31	1,739.57	29.74	59.484		
5,800.00	5,723.05	5,417.62	5,244.55	15.69	17.19	-65.38	1,030.30	1,984.93	1,789.43	1,759.07	30.36	58.932		
5,900.00	5,821.59	5,514.04	5,337.41	16.00	17.54	-65.93	1,050.96	2,000.60	1,809.72	1,778.73	30.99	58.401		
6,000.00	5,920.13	5,610.45	5,430.28	16.31	17.90	-66.47	1,071.61	2,016.28	1,830.16	1,798.55	31.61	57.889		
6,100.00	6,018.67	5,706.87	5,523.14	16.62	18.25	-66.99	1,092.26	2,031.95	1,850.76	1,818.52	32.24	57.397		
6,200.00	6,117.21	5,803.28	5,616.00	16.93	18.60	-67.50	1,112.92	2,047.63	1,871.51	1,838.63	32.88	56.923		
6,300.00	6,215.75	5,900.30	5,708.87	17.24	18.96	-68.01	1,133.57	2,063.30	1,892.40	1,858.89	33.52	56.463		
6,400.00	6,314.29	5,996.11	5,801.73	17.56	19.32	-68.50	1,154.22	2,078.98	1,913.44	1,879.28	34.15	56.026		
6,500.00	6,412.83	6,092.00	5,898.00	17.87	19.67	-68.99	1,174.87	2,094.66	1,934.16	1,899.00	34.79	55.599		
6,600.00	6,511.38	6,187.91	5,994.91	18.19	20.02	-69.47	1,195.52	2,110.34	1,954.88	1,919.72	35.43	55.172		
6,700.00	6,609.92	6,283.82	6,091.82	18.51	20.37	-69.96	1,216.17	2,126.02	1,975.59	1,940.43	36.07	54.745		
6,800.00	6,708.46	6,379.73	6,188.73	18.84	20.72	-70.44	1,236.82	2,141.70	1,996.31	1,961.15	36.71	54.318		
6,900.00	6,807.00	6,475.64	6,285.64	19.17	21.07	-70.93	1,257.47	2,157.38	2,017.02	1,981.87	37.35	53.891		
7,000.00	6,892.11	6,561.35	6,370.70	19.50	21.42	-71.41	1,278.12	2,173.06	2,037.74	2,002.59	37.99	53.464		
7,100.00	6,972.96	6,648.70	6,457.91	19.83	21.77	-71.90	1,298.77	2,188.74	2,058.46	2,023.31	38.63	53.037		
7,114.77	6,984.09	6,659.81	6,468.58	20.16	22.12	-72.38	1,319.42	2,204.42	2,079.18	2,044.03	39.27	52.610		
7,200.00	7,043.67	6,749.83	6,558.24	21.07	23.29	-72.48	1,447.46	2,238.26	2,179.88	2,155.64	44.24	40.687		
7,300.00	7,102.50	6,841.15	6,650.42	21.87	24.08	-73.32	1,447.27	2,320.44	2,260.55	2,236.94	44.61	40.407		
7,400.00	7,148.01	6,884.07	6,698.82	22.77	24.98	-73.52	1,447.07	2,410.49	2,350.74	2,326.64	45.10	40.041		
7,500.00	7,179.07	6,915.34	6,729.36	23.75	25.96	-73.26	1,446.85	2,506.19	2,446.35	2,422.67	45.68	39.584		
7,600.00	7,194.92	6,968.24	6,778.46	24.79	26.96	-73.10	1,443.33	2,605.57	2,545.35	2,521.12	46.23	39.118		
7,700.00	7,196.79	6,965.31	6,775.43	25.88	27.99	-74.62	1,431.09	2,699.99	2,639.10	2,614.86	46.94	38.413		
7,800.00	7,196.31	6,963.00	6,773.47	27.02	29.12	-74.45	1,415.18	2,793.72	2,732.62	2,708.78	47.85	37.528		
7,900.00	7,195.84	6,961.07	6,771.89	28.22	30.32	-74.31	1,399.89	2,887.76	2,826.49	2,802.64	48.85	36.610		
8,000.00	7,195.36	6,959.10	6,770.33	29.47	31.57	-74.45	1,386.83	2,981.71	2,920.51	2,896.60	49.90	35.740		
8,092.55	7,194.92	6,958.16	6,769.91	30.66	32.76	-77.03	1,376.87	2,087.09	1,781.85	1,730.95	50.89	35.012		
8,100.00	7,194.89	6,958.36	6,769.76	30.75	32.86	-76.92	1,376.15	2,089.09	1,781.86	1,730.89	50.97	34.958		
8,200.00	7,194.41	6,957.68	6,768.87	32.08	34.19	-75.68	1,367.48	2,181.09	1,784.31	1,732.27	52.04	34.287		
8,300.00	7,193.93	6,956.99	6,768.33	33.44	35.55	-74.66	1,360.43	2,276.51	1,791.30	1,738.21	53.09	33.741		
8,400.00	7,193.46	6,956.31	6,767.84	34.82	36.92	-73.82	1,354.64	2,371.63	1,803.09	1,748.99	54.10	33.328		
8,500.00	7,192.98	6,955.62	6,767.35	36.23	38.33	-73.13	1,349.82	2,466.87	1,819.76	1,764.70	55.07	33.047		
8,600.00	7,192.51	6,954.93	6,766.86	37.66	39.74	-72.54	1,345.77	2,562.11	1,841.33	1,785.37	55.96	32.902		
8,700.00	7,192.03	6,954.24	6,766.37	39.11	41.15	-72.04	1,342.32	2,657.34	1,867.72	1,810.92	56.79	32.886 SF		
8,800.00	7,191.56	6,953.55	6,765.88	40.58	42.56	-71.40	1,337.86	2,752.56	1,898.80	1,841.30	57.50	33.023		
8,900.00	7,191.08	6,952.86	6,765.39	42.07	43.97	-71.40	1,337.86	2,847.79	1,934.34	1,876.09	58.25	33.206		
9,000.00	7,190.61	6,952.17	6,764.90	43.56	45.38	-70.92	1,334.54	2,943.02	1,974.17	1,915.36	58.81	33.569		
9,100.00	7,190.13	6,951.48	6,764.41	45.07	46.79	-70.64	1,332.56	3,038.26	2,018.08	1,958.75	59.33	34.017		
9,200.00	7,189.66	6,950.79	6,763.92	46.59	48.20	-70.38	1,330.81	3,133.50	2,065.80	2,006.03	59.77	34.563		
9,300.00	7,189.18	6,950.10	6,763.43	48.13	49.61	-69.85	1,327.11	3,228.73	2,117.16	2,057.09	60.07	35.243		
9,400.00	7,188.70	6,949.41	6,762.94	49.67	51.02	-69.85	1,327.11	3,323.97	2,173.23	2,113.10	60.43	35.935		
9,500.00	7,188.23	6,948.72	6,762.45	51.22	52.43	-69.85	1,327.11	3,419.20	2,228.46	2,168.72	60.74	36.708		
9,600.00	7,187.75	6,948.03	6,761.96	52.77	53.84	-69.85	1,327.11	3,514.44	2,293.10	2,223.12	60.98	37.554		
9,700.00	7,187.28	6,947.34	6,761.47	54.34	55.25	-69.85	1,327.11	3,609.67	2,357.80	2,287.80	61.18	38.467		
9,800.00	7,186.80	6,946.65	6,760.98	55.91	56.66	-69.32	1,323.39	3,704.91	2,422.50	2,352.50	61.21	39.521		
9,900.00	7,186.33	6,945.96	6,760.49	57.48	58.07	-69.19	1,322.50	3,800.14	2,487.20	2,417.20	61.30	40.571		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.19	-3.62	1,079.67	1,079.68				
100.00	100.00	100.00	100.00	3.28	3.28	90.19	-3.62	1,079.67	1,079.68	1,072.15	7.53	143.405	
200.00	200.00	200.00	200.00	3.31	3.31	90.19	-3.62	1,079.67	1,079.68	1,072.10	7.57	142.553	
300.00	299.98	286.98	286.98	3.35	3.34	-17.84	-3.53	1,079.90	1,078.32	1,070.67	7.65	140.914	
400.00	399.84	360.94	360.91	3.41	3.39	-17.96	-2.86	1,081.68	1,075.75	1,067.99	7.75	138.750	
500.00	499.45	434.85	434.72	3.50	3.44	-18.16	-1.50	1,085.25	1,072.28	1,064.40	7.88	135.999	
600.00	598.70	508.69	508.34	3.62	3.51	-18.45	0.52	1,090.58	1,067.94	1,059.89	8.05	132.705	
700.00	697.47	582.42	581.67	3.77	3.60	-18.81	3.22	1,097.68	1,062.76	1,054.52	8.25	128.888	
800.00	796.01	656.13	654.77	3.96	3.69	-19.21	6.58	1,106.54	1,058.74	1,050.27	8.47	124.983	
900.00	894.55	729.80	727.56	4.18	3.81	-19.64	10.61	1,117.15	1,057.24	1,048.51	8.73	121.153	
909.44	903.85	736.75	734.41	4.20	3.82	-19.68	11.02	1,118.24	1,057.23	1,048.47	8.75	120.795	
1,000.00	993.09	822.44	818.81	4.42	3.98	-20.21	16.29	1,132.10	1,057.61	1,048.55	9.06	116.727	
1,100.00	1,091.63	921.79	916.65	4.68	4.19	-20.82	22.40	1,148.19	1,058.18	1,048.74	9.45	112.031	
1,200.00	1,190.17	1,021.13	1,014.50	4.96	4.43	-21.43	28.51	1,164.29	1,058.88	1,049.02	9.86	107.380	
1,300.00	1,288.71	1,120.48	1,112.34	5.25	4.68	-22.04	34.62	1,180.38	1,059.70	1,049.40	10.30	102.848	
1,400.00	1,387.25	1,219.83	1,210.19	5.55	4.95	-22.65	40.73	1,196.48	1,060.64	1,049.87	10.77	98.485	
1,500.00	1,485.79	1,319.18	1,308.03	5.87	5.23	-23.26	46.85	1,212.58	1,061.70	1,050.45	11.26	94.313	
1,600.00	1,584.34	1,418.53	1,405.88	6.19	5.53	-23.87	52.96	1,228.67	1,062.89	1,051.13	11.76	90.389	
1,700.00	1,682.88	1,517.88	1,503.72	6.52	5.83	-24.47	59.07	1,244.77	1,064.19	1,051.91	12.28	86.665	
1,800.00	1,781.42	1,617.23	1,601.57	6.85	6.14	-25.08	65.18	1,260.87	1,065.61	1,052.80	12.81	83.166	
1,900.00	1,879.96	1,716.58	1,699.42	7.04	6.46	-25.68	71.29	1,276.96	1,067.16	1,054.15	13.01	82.016	
2,000.00	1,978.50	1,815.93	1,797.26	7.08	6.77	-26.28	77.41	1,293.06	1,068.82	1,055.54	13.28	80.492	
2,100.00	2,077.04	1,915.27	1,895.11	7.13	6.92	-26.88	83.52	1,309.15	1,070.60	1,057.34	13.27	80.699	
2,200.00	2,175.58	2,014.62	1,992.95	7.20	6.96	-27.48	89.63	1,325.25	1,072.50	1,059.16	13.35	80.362	
2,300.00	2,274.12	2,113.97	2,090.80	7.29	7.02	-28.07	95.74	1,341.35	1,074.52	1,061.07	13.46	79.852	
2,400.00	2,372.66	2,213.32	2,188.64	7.39	7.09	-28.67	101.85	1,357.44	1,076.66	1,063.06	13.60	79.179	
2,500.00	2,471.20	2,312.67	2,286.49	7.51	7.18	-29.26	107.97	1,373.54	1,078.91	1,065.14	13.77	78.358	
2,600.00	2,569.74	2,412.02	2,384.33	7.64	7.28	-29.84	114.08	1,389.64	1,081.27	1,067.30	13.97	77.404	
2,700.00	2,668.28	2,511.37	2,482.18	7.78	7.40	-30.43	120.19	1,405.73	1,083.75	1,069.56	14.20	76.337	
2,800.00	2,766.83	2,610.72	2,580.03	7.94	7.53	-31.01	126.30	1,421.83	1,086.35	1,071.90	14.45	75.173	
2,900.00	2,865.37	2,710.06	2,677.87	8.11	7.67	-31.59	132.41	1,437.92	1,089.05	1,074.32	14.73	73.930	
3,000.00	2,963.91	2,809.41	2,775.72	8.28	7.82	-32.17	138.53	1,454.02	1,091.87	1,076.84	15.03	72.630	
3,100.00	3,062.45	2,908.76	2,873.56	8.47	7.99	-32.74	144.64	1,470.12	1,094.80	1,079.44	15.36	71.279	
3,200.00	3,160.99	3,008.11	2,971.41	8.67	8.16	-33.31	150.75	1,486.21	1,097.85	1,082.14	15.71	69.893	
3,300.00	3,259.53	3,107.46	3,069.25	8.88	8.35	-33.88	156.86	1,502.31	1,101.00	1,084.92	16.07	68.496	
3,400.00	3,358.07	3,206.81	3,167.10	9.09	8.54	-34.44	162.97	1,518.41	1,104.25	1,087.79	16.46	67.087	
3,500.00	3,456.61	3,306.16	3,264.94	9.31	8.74	-35.00	169.09	1,534.50	1,107.62	1,090.76	16.86	65.683	
3,600.00	3,555.15	3,405.51	3,362.79	9.54	8.95	-35.56	175.20	1,550.60	1,111.10	1,093.81	17.28	64.290	
3,700.00	3,653.69	3,504.86	3,460.64	9.78	9.17	-36.12	181.31	1,566.69	1,114.67	1,096.96	17.72	62.915	
3,800.00	3,752.23	3,604.20	3,558.48	10.02	9.40	-36.67	187.42	1,582.79	1,118.36	1,100.19	18.17	61.564	
3,900.00	3,850.77	3,703.55	3,656.33	10.27	9.63	-37.21	193.53	1,598.89	1,122.15	1,103.52	18.63	60.242	
4,000.00	3,949.31	3,802.90	3,754.17	10.52	9.86	-37.76	199.65	1,614.98	1,126.04	1,106.93	19.10	58.950	
4,100.00	4,047.86	3,902.25	3,852.02	10.78	10.11	-38.30	205.76	1,631.08	1,130.03	1,110.44	19.59	57.693	
4,200.00	4,146.40	4,001.60	3,949.86	11.05	10.35	-38.83	211.87	1,647.18	1,134.12	1,114.04	20.08	56.471	
4,300.00	4,244.94	4,100.95	4,047.71	11.31	10.61	-39.36	217.98	1,663.27	1,138.31	1,117.72	20.59	55.287	
4,400.00	4,343.48	4,200.30	4,145.55	11.59	10.86	-39.89	224.09	1,679.37	1,142.60	1,121.49	21.10	54.140	
4,500.00	4,442.02	4,300.35	4,243.40	11.86	11.13	-40.41	230.21	1,695.46	1,146.99	1,125.35	21.63	53.027	
4,600.00	4,540.56	4,401.01	4,341.25	12.14	11.40	-40.93	236.32	1,711.56	1,151.47	1,129.30	22.17	51.948	
4,700.00	4,639.10	4,498.34	4,439.09	12.42	11.66	-41.45	242.43	1,727.66	1,156.05	1,133.34	22.70	50.926	
4,800.00	4,737.64	4,602.31	4,536.94	12.71	11.95	-41.96	248.54	1,743.75	1,160.72	1,137.46	23.26	49.904	
4,900.00	4,836.18	4,702.96	4,634.78	13.00	12.22	-42.47	254.65	1,759.85	1,165.48	1,141.66	23.82	48.937	
5,000.00	4,934.72	4,803.61	4,732.63	13.29	12.51	-42.97	260.77	1,775.95	1,170.34	1,145.96	24.38	48.005	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,895.74	4,830.47	13.58	12.77	-43.47	266.88	1,792.04	1,175.28	1,150.36	24.93	47.151		
5,200.00	5,131.80	5,004.91	4,928.32	13.87	13.08	-43.97	272.99	1,808.14	1,180.32	1,154.79	25.52	46.245		
5,300.00	5,230.34	5,105.56	5,026.16	14.17	13.37	-44.46	279.10	1,824.23	1,185.44	1,159.34	26.10	45.414		
5,400.00	5,328.89	5,206.21	5,124.01	14.47	13.66	-44.95	285.21	1,840.33	1,190.65	1,163.96	26.69	44.614		
5,500.00	5,427.43	5,293.13	5,221.85	14.77	13.92	-45.43	291.33	1,856.43	1,195.95	1,168.71	27.24	43.905		
5,600.00	5,525.97	5,392.48	5,319.70	15.08	14.21	-45.91	297.44	1,872.52	1,201.33	1,173.50	27.83	43.167		
5,700.00	5,624.51	5,508.17	5,417.55	15.38	14.55	-46.38	303.55	1,888.62	1,206.79	1,178.32	28.47	42.390		
5,800.00	5,723.05	5,608.82	5,515.39	15.69	14.85	-46.85	309.66	1,904.72	1,212.34	1,183.27	29.07	41.703		
5,900.00	5,821.59	5,709.47	5,613.24	16.00	15.15	-47.32	315.77	1,920.81	1,217.97	1,188.29	29.68	41.042		
6,000.00	5,920.13	5,789.88	5,711.08	16.31	15.40	-47.78	321.89	1,936.91	1,223.67	1,193.45	30.23	40.481		
6,100.00	6,018.67	5,889.23	5,808.93	16.62	15.70	-48.23	328.00	1,953.00	1,229.46	1,198.62	30.84	39.871		
6,200.00	6,117.21	5,988.58	5,906.77	16.93	16.00	-48.69	334.11	1,969.10	1,235.33	1,203.88	31.45	39.282		
6,300.00	6,215.75	6,087.93	6,004.62	17.24	16.30	-49.13	340.22	1,985.20	1,241.27	1,209.21	32.06	38.715		
6,400.00	6,314.29	6,266.81	6,282.01	17.56	22.94	-120.93	425.15	936.23	1,217.57	1,184.06	33.51	36.338		
6,500.00	6,412.83	6,247.62	7,282.59	17.87	22.76	-119.62	425.11	955.41	1,144.58	1,110.36	34.22	33.447		
6,600.00	6,511.38	6,228.44	7,283.17	18.19	22.58	-118.30	425.07	974.59	1,075.60	1,040.58	35.02	30.712		
6,700.00	6,609.92	6,209.25	7,283.76	18.51	22.40	-116.97	425.03	993.77	1,011.44	975.53	35.91	28.163		
6,800.00	6,708.16	6,188.51	7,284.39	18.84	22.21	-112.99	424.98	1,014.50	953.29	916.40	36.89	25.844		
6,900.00	6,803.11	6,154.99	7,285.41	19.25	21.92	-110.80	424.91	1,048.00	903.79	865.93	37.86	23.871		
7,000.00	6,892.11	6,107.16	7,286.86	19.76	21.50	-109.56	424.81	1,095.81	864.34	825.56	38.78	22.288		
7,100.00	6,972.96	6,046.20	7,288.72	20.36	21.03	-107.79	424.68	1,156.75	835.05	795.41	39.65	21.062		
7,200.00	7,043.67	7,973.60	7,290.92	21.07	20.50	-105.45	424.52	1,229.30	815.02	774.59	40.43	20.159		
7,300.00	7,102.50	7,908.83	7,293.43	21.87	20.07	-102.87	424.34	1,311.70	802.55	761.28	41.26	19.450		
7,400.00	7,148.01	7,800.93	7,296.18	22.77	19.49	-100.46	424.15	1,401.90	795.59	753.68	41.90	18.986		
7,500.00	7,179.07	7,680.87	7,293.06	23.75	19.02	-97.84	423.46	1,521.77	791.13	748.42	42.71	18.523		
7,600.00	7,194.92	7,559.81	7,267.84	24.79	18.68	-95.08	421.39	1,639.98	785.77	742.10	43.67	17.994		
7,700.00	7,196.79	7,449.35	7,225.73	25.88	18.52	-92.15	418.31	1,741.90	779.97	735.24	44.73	17.437		
7,800.00	7,196.31	7,354.82	7,176.18	27.02	18.46	-88.52	414.86	1,822.23	775.29	729.47	45.82	16.920		
7,867.76	7,195.99	7,300.28	7,142.37	27.83	18.46	-86.03	412.55	1,864.94	774.13	727.62	46.51	16.644 CC, ES		
7,900.00	7,195.84	7,276.83	7,126.73	28.22	18.46	-84.87	411.49	1,882.38	774.44	727.63	46.81	16.545		
8,000.00	7,195.36	7,213.19	7,081.18	29.47	18.47	-81.52	408.43	1,926.68	779.75	732.16	47.59	16.383 SF		
8,100.00	7,194.89	7,161.24	7,040.87	30.75	18.48	-78.58	405.75	1,959.32	792.85	744.72	48.13	16.474		
8,200.00	7,194.41	7,118.56	7,005.86	32.08	18.49	-76.05	403.44	1,983.60	814.57	766.18	48.40	16.832		
8,300.00	7,193.93	7,083.17	6,975.64	33.44	18.49	-73.90	401.46	2,001.91	845.10	796.68	48.42	17.455		
8,400.00	7,193.46	7,050.00	6,946.44	34.82	18.50	-71.85	399.55	2,017.52	884.10	835.88	48.22	18.333		
8,500.00	7,192.98	7,028.43	6,927.03	36.23	18.49	-70.51	398.29	2,026.84	930.88	882.97	47.91	19.429		
8,600.00	7,192.51	7,000.00	6,900.99	37.66	18.49	-68.74	396.60	2,038.12	984.68	937.22	47.46	20.748		
8,700.00	7,192.03	6,988.45	6,890.28	39.11	18.49	-68.02	395.91	2,042.36	1,044.46	997.43	47.03	22.209		
8,800.00	7,191.56	6,972.34	6,875.20	40.58	18.48	-67.02	394.93	2,047.96	1,109.52	1,062.97	46.55	23.837		
8,900.00	7,191.08	6,950.00	6,854.07	42.07	18.47	-65.64	393.57	2,055.08	1,179.11	1,133.08	46.03	25.616		
9,000.00	7,190.61	6,950.00	6,854.07	43.56	18.47	-65.64	393.57	2,055.08	1,252.38	1,206.73	45.65	27.435		
9,100.00	7,190.13	6,934.62	6,839.39	45.07	18.47	-64.69	392.62	2,059.55	1,328.90	1,283.69	45.21	29.397		
9,200.00	7,189.66	6,924.69	6,829.85	46.59	18.46	-64.08	392.01	2,062.25	1,408.17	1,363.35	44.82	31.418		
9,300.00	7,189.18	6,915.76	6,821.23	48.13	18.45	-63.54	391.46	2,064.54	1,489.76	1,445.29	44.47	33.498		
9,400.00	7,188.70	6,900.00	6,805.96	49.67	18.45	-62.58	390.48	2,068.30	1,573.40	1,529.28	44.12	35.662		
9,500.00	7,188.23	6,900.00	6,805.96	51.22	18.45	-62.58	390.48	2,068.30	1,658.63	1,614.75	43.88	37.802		
9,600.00	7,187.75	6,900.00	6,805.96	52.77	18.45	-62.58	390.48	2,068.30	1,745.43	1,701.77	43.66	39.978		
9,700.00	7,187.28	6,900.00	6,805.96	54.34	18.45	-62.58	390.48	2,068.30	1,833.57	1,790.10	43.47	42.184		
9,800.00	7,186.80	6,881.94	6,788.35	55.91	18.43	-61.50	389.35	2,072.14	1,922.55	1,879.34	43.21	44.496		
9,900.00	7,186.33	6,876.76	6,783.28	57.48	18.43	-61.19	389.03	2,073.15	2,012.65	1,969.62	43.03	46.769		
10,000.00	7,185.85	6,871.97	6,778.59	59.06	18.42	-60.90	388.73	2,074.04	2,103.60	2,060.72	42.88	49.056		
10,100.00	7,185.38	6,850.00	6,756.97	60.65	18.40	-59.61	387.35	2,077.70	2,195.60	2,152.93	42.67	51.458		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,850.00	6,756.97	62.24	18.40	-59.61	387.35	2,077.70	2,287.84	2,245.26	42.57	53.738	
10,300.00	7,184.42	6,850.00	6,756.97	63.83	18.40	-59.61	387.35	2,077.70	2,380.70	2,338.21	42.49	56.026	
10,400.00	7,183.95	6,850.00	6,756.97	65.43	18.40	-59.61	387.35	2,077.70	2,474.12	2,431.69	42.42	58.318	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	90.18	-3.26	1,039.58	1,039.59					
100.00	100.00	100.00	100.00	3.28	3.28	90.18	-3.26	1,039.58	1,039.59	1,032.06	7.53	138.080		
200.00	200.00	200.00	200.00	3.31	3.31	90.18	-3.26	1,039.58	1,039.59	1,032.01	7.57	137.259		
300.00	299.98	300.02	299.98	3.35	3.35	-17.86	-3.26	1,039.58	1,037.92	1,030.26	7.66	135.485		
400.00	399.84	400.16	399.84	3.41	3.42	-17.98	-3.26	1,039.58	1,032.94	1,025.15	7.79	132.579		
500.00	499.45	500.55	499.45	3.50	3.50	-18.18	-3.26	1,039.58	1,024.66	1,016.69	7.97	128.608		
600.00	598.70	601.30	598.70	3.62	3.61	-18.47	-3.26	1,039.58	1,013.08	1,004.89	8.19	123.723		
700.00	697.47	702.53	697.47	3.77	3.74	-18.84	-3.26	1,039.58	998.26	989.80	8.46	118.027		
800.00	796.01	796.01	796.01	3.96	3.87	-19.16	-3.26	1,039.58	982.14	973.40	8.74	112.370		
900.00	894.55	870.70	870.70	4.18	3.97	-19.41	-3.21	1,040.45	967.22	958.20	9.01	107.315		
1,000.00	993.09	944.90	944.84	4.42	4.08	-19.67	-3.04	1,043.24	954.88	945.57	9.30	102.626		
1,100.00	1,091.63	1,019.52	1,019.30	4.68	4.20	-19.94	-2.77	1,047.97	945.15	935.54	9.61	98.303		
1,200.00	1,190.17	1,094.46	1,093.94	4.96	4.33	-20.22	-2.37	1,054.67	938.06	928.11	9.94	94.328		
1,300.00	1,288.71	1,169.62	1,168.60	5.25	4.47	-20.50	-1.86	1,063.35	933.61	923.32	10.29	90.706		
1,400.00	1,387.25	1,244.91	1,243.12	5.55	4.62	-20.79	-1.24	1,074.00	931.83	921.17	10.66	87.448		
1,416.95	1,403.96	1,257.67	1,255.73	5.61	4.65	-20.84	-1.12	1,076.00	931.79	921.07	10.72	86.933		
1,500.00	1,485.79	1,320.21	1,317.36	5.87	4.79	-21.07	-0.50	1,086.60	932.71	921.68	11.03	84.550		
1,600.00	1,584.34	1,411.57	1,407.09	6.19	5.01	-21.42	0.50	1,103.77	935.69	924.21	11.47	81.542		
1,700.00	1,682.88	1,511.33	1,505.04	6.52	5.27	-21.80	1.61	1,122.63	938.86	926.89	11.96	78.468		
1,800.00	1,781.42	1,611.09	1,602.99	6.85	5.55	-22.17	2.71	1,141.50	942.07	929.60	12.47	75.534		
1,900.00	1,879.96	1,710.85	1,700.95	7.04	5.85	-22.54	3.82	1,160.36	945.32	932.68	12.65	74.743		
2,000.00	1,978.50	1,810.61	1,798.90	7.08	6.14	-22.91	4.92	1,179.23	948.62	935.71	12.90	73.509		
2,100.00	2,077.04	1,910.37	1,896.85	7.13	6.30	-23.28	6.03	1,198.10	951.95	939.06	12.89	73.857		
2,200.00	2,175.58	2,010.13	1,994.81	7.20	6.34	-23.64	7.13	1,216.96	955.32	942.35	12.97	73.677		
2,300.00	2,274.12	2,109.89	2,092.76	7.29	6.39	-24.00	8.24	1,235.83	958.72	945.65	13.07	73.326		
2,400.00	2,372.66	2,209.65	2,190.71	7.39	6.47	-24.36	9.34	1,254.69	962.17	948.95	13.22	72.786		
2,500.00	2,471.20	2,309.41	2,288.67	7.51	6.57	-24.71	10.45	1,273.56	965.65	952.26	13.39	72.100		
2,600.00	2,569.74	2,409.17	2,386.62	7.64	6.68	-25.07	11.55	1,292.43	969.17	955.58	13.60	71.283		
2,700.00	2,668.28	2,508.93	2,484.57	7.78	6.81	-25.42	12.66	1,311.29	972.73	958.90	13.83	70.330		
2,800.00	2,766.83	2,608.69	2,582.52	7.94	6.95	-25.77	13.76	1,330.16	976.32	962.23	14.09	69.283		
2,900.00	2,865.37	2,708.45	2,680.48	8.11	7.11	-26.11	14.87	1,349.02	979.95	965.57	14.38	68.153		
3,000.00	2,963.91	2,808.21	2,778.43	8.28	7.29	-26.45	15.97	1,367.89	983.62	968.93	14.69	66.957		
3,100.00	3,062.45	2,907.97	2,876.38	8.47	7.47	-26.80	17.08	1,386.76	987.32	972.29	15.03	65.711		
3,200.00	3,160.99	3,007.73	2,974.34	8.67	7.67	-27.13	18.18	1,405.62	991.05	975.67	15.38	64.432		
3,300.00	3,259.53	3,107.49	3,072.29	8.88	7.88	-27.47	19.29	1,424.49	994.82	979.06	15.76	63.131		
3,400.00	3,358.07	3,207.25	3,170.24	9.09	8.09	-27.80	20.40	1,443.35	998.62	982.47	16.15	61.823		
3,500.00	3,456.61	3,307.01	3,268.20	9.31	8.32	-28.13	21.50	1,462.22	1,002.46	985.89	16.57	60.514		
3,600.00	3,555.15	3,406.76	3,366.15	9.54	8.56	-28.46	22.61	1,481.09	1,006.33	989.33	16.99	59.214		
3,700.00	3,653.69	3,506.52	3,464.10	9.78	8.80	-28.78	23.71	1,499.95	1,010.23	992.79	17.44	57.930		
3,800.00	3,752.23	3,606.28	3,562.06	10.02	9.05	-29.11	24.82	1,518.82	1,014.16	996.26	17.90	56.667		
3,900.00	3,850.77	3,706.04	3,660.01	10.27	9.31	-29.43	25.92	1,537.68	1,018.13	999.76	18.37	55.430		
4,000.00	3,949.31	3,805.80	3,757.96	10.52	9.57	-29.74	27.03	1,556.55	1,022.12	1,003.27	18.85	54.222		
4,100.00	4,047.86	3,905.56	3,855.92	10.78	9.84	-30.06	28.13	1,575.42	1,026.15	1,006.81	19.34	53.046		
4,200.00	4,146.40	4,005.32	3,953.87	11.05	10.11	-30.37	29.24	1,594.28	1,030.21	1,010.36	19.85	51.902		
4,300.00	4,244.94	4,105.08	4,051.82	11.31	10.39	-30.68	30.34	1,613.15	1,034.30	1,013.94	20.36	50.793		
4,400.00	4,343.48	4,204.84	4,149.78	11.59	10.68	-30.99	31.45	1,632.01	1,038.42	1,017.54	20.89	49.719		
4,500.00	4,442.02	4,304.60	4,247.73	11.86	10.96	-31.30	32.55	1,650.88	1,042.57	1,021.16	21.42	48.680		
4,600.00	4,540.56	4,404.36	4,345.68	12.14	11.25	-31.60	33.66	1,669.74	1,046.75	1,024.80	21.96	47.675		
4,700.00	4,639.10	4,504.12	4,443.64	12.42	11.55	-31.90	34.76	1,688.61	1,050.96	1,028.46	22.50	46.705		
4,800.00	4,737.64	4,603.88	4,541.59	12.71	11.85	-32.20	35.87	1,707.48	1,055.20	1,032.14	23.05	45.769		
4,900.00	4,836.18	4,703.64	4,639.54	13.00	12.15	-32.49	36.97	1,726.34	1,059.46	1,035.85	23.61	44.866		
5,000.00	4,934.72	4,803.40	4,737.49	13.29	12.45	-32.79	38.08	1,745.21	1,063.76	1,039.58	24.18	43.995		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,903.16	4,835.45	13.58	12.76	-33.08	39.18	1,764.07	1,068.08	1,043.33	24.75	43.156		
5,200.00	5,131.80	5,002.92	4,933.40	13.87	13.06	-33.37	40.29	1,782.94	1,072.43	1,047.10	25.32	42.347		
5,300.00	5,230.34	5,102.68	5,031.35	14.17	13.37	-33.65	41.39	1,801.81	1,076.80	1,050.90	25.91	41.567		
5,400.00	5,328.89	5,202.44	5,129.31	14.47	13.69	-33.94	42.50	1,820.67	1,081.20	1,054.71	26.49	40.815		
5,500.00	5,427.43	5,302.20	5,227.26	14.77	14.00	-34.22	43.60	1,839.54	1,085.63	1,058.55	27.08	40.090		
5,600.00	5,525.97	5,401.96	5,325.21	15.08	14.32	-34.50	44.71	1,858.40	1,090.09	1,062.42	27.67	39.392		
5,700.00	5,624.51	5,501.72	5,423.17	15.38	14.64	-34.78	45.81	1,877.27	1,094.57	1,066.30	28.27	38.718		
5,800.00	5,723.05	5,601.48	5,521.12	15.69	14.95	-35.05	46.92	1,896.14	1,099.08	1,070.20	28.87	38.068		
5,900.00	5,821.59	5,701.23	5,619.07	16.00	15.28	-35.32	48.02	1,915.00	1,103.61	1,074.13	29.48	37.442		
6,000.00	5,920.13	5,800.99	5,717.03	16.31	15.60	-35.59	49.13	1,933.87	1,108.16	1,078.08	30.08	36.837		
6,100.00	6,018.67	7,961.62	6,974.33	16.62	22.27	-131.44	62.11	890.90	1,021.37	991.19	30.17	33.850		
6,200.00	6,117.21	7,942.95	6,974.81	16.93	22.09	-129.24	62.13	909.57	932.25	901.62	30.63	30.438		
6,300.00	6,215.75	7,924.28	6,975.28	17.24	21.91	-126.97	62.15	928.23	845.15	813.96	31.18	27.102		
6,400.00	6,314.29	7,905.61	6,975.75	17.56	21.72	-124.64	62.18	946.89	760.77	728.89	31.88	23.866		
6,500.00	6,412.83	7,886.95	6,976.22	17.87	21.55	-122.25	62.20	965.56	680.12	647.36	32.76	20.760		
6,600.00	6,511.38	7,868.28	6,976.69	18.19	21.39	-119.82	62.22	984.22	604.70	570.82	33.88	17.846		
6,700.00	6,609.92	7,849.61	6,977.17	18.51	21.22	-117.34	62.25	1,002.88	536.72	501.43	35.29	15.210		
6,800.00	6,708.16	7,829.39	6,977.68	18.84	21.04	-111.92	62.27	1,023.09	479.52	442.59	36.93	12.985		
6,900.00	6,803.11	7,803.63	6,978.51	19.25	20.81	-106.70	62.31	1,056.11	438.30	399.70	38.59	11.357		
7,000.00	6,892.11	7,749.00	6,979.71	19.76	20.38	-100.92	62.37	1,103.45	415.77	375.99	39.78	10.451		
7,081.09	6,958.39	7,700.85	6,980.93	20.25	20.00	-95.03	62.43	1,151.59	410.61	370.29	40.32	10.183 CC, ES		
7,100.00	6,972.96	7,688.46	6,981.24	20.36	19.91	-93.53	62.44	1,163.98	410.86	370.47	40.39	10.172 SF		
7,200.00	7,043.67	7,616.23	6,983.07	21.07	19.43	-85.23	62.53	1,236.18	419.00	378.53	40.47	10.352		
7,300.00	7,102.50	7,534.10	6,985.15	21.87	18.95	-77.29	62.63	1,318.29	433.96	393.63	40.33	10.761		
7,400.00	7,148.01	7,447.39	6,987.20	22.77	18.53	-70.95	62.73	1,404.97	449.97	409.77	40.20	11.194		
7,500.00	7,179.07	7,374.23	6,983.30	23.75	18.26	-66.43	62.76	1,477.99	465.58	425.52	40.06	11.621		
7,600.00	7,194.92	7,302.89	6,971.45	24.79	18.04	-62.64	62.69	1,548.30	480.63	440.68	39.94	12.032		
7,700.00	7,196.79	7,233.34	6,952.41	25.88	17.87	-59.92	62.54	1,615.16	495.06	455.19	39.87	12.417		
7,800.00	7,196.31	7,168.21	6,928.06	27.02	17.76	-57.52	62.33	1,675.54	514.98	475.31	39.66	12.983		
7,900.00	7,195.84	7,108.64	6,900.50	28.22	17.69	-54.94	62.07	1,728.32	542.20	502.90	39.30	13.796		
8,000.00	7,195.36	7,050.00	6,868.67	29.47	17.66	-52.14	61.77	1,777.54	577.04	538.20	38.83	14.860		
8,100.00	7,194.89	7,000.00	6,838.05	30.75	17.64	-49.63	61.46	1,817.05	619.35	581.04	38.31	16.168		
8,200.00	7,194.41	6,963.88	6,814.04	32.08	17.65	-47.78	61.22	1,844.04	668.61	630.80	37.81	17.684		
8,300.00	7,193.93	6,925.79	6,787.12	33.44	17.65	-45.82	60.95	1,870.96	724.32	686.97	37.35	19.392		
8,400.00	7,193.46	6,900.00	6,767.99	34.82	17.66	-44.50	60.75	1,888.26	785.76	748.78	36.98	21.246		
8,500.00	7,192.98	6,861.87	6,738.47	36.23	17.67	-42.57	60.45	1,912.39	851.93	815.28	36.64	23.250		
8,600.00	7,192.51	6,835.04	6,716.86	37.66	17.68	-41.25	60.22	1,928.28	922.38	885.98	36.39	25.345		
8,700.00	7,192.03	6,800.00	6,687.66	39.11	17.69	-39.56	59.92	1,947.64	996.56	960.39	36.17	27.555		
8,800.00	7,191.56	6,800.00	6,687.66	40.58	17.69	-39.56	59.92	1,947.64	1,073.63	1,037.53	36.10	29.741		
8,900.00	7,191.08	6,770.19	6,662.01	42.07	17.70	-38.16	59.65	1,962.83	1,153.19	1,117.22	35.97	32.063		
9,000.00	7,190.61	6,750.00	6,644.26	43.56	17.70	-37.24	59.46	1,972.42	1,235.10	1,199.21	35.90	34.409		
9,100.00	7,190.13	6,750.00	6,644.26	45.07	17.70	-37.24	59.46	1,972.42	1,319.10	1,283.20	35.90	36.739		
9,200.00	7,189.66	6,722.44	6,619.54	46.59	17.71	-36.03	59.20	1,984.60	1,404.36	1,368.51	35.85	39.174		
9,300.00	7,189.18	6,700.00	6,599.04	48.13	17.71	-35.07	58.98	1,993.72	1,491.32	1,455.49	35.83	41.626		
9,400.00	7,188.70	6,700.00	6,599.04	49.67	17.71	-35.07	58.98	1,993.72	1,579.33	1,543.45	35.88	44.023		
9,500.00	7,188.23	6,700.00	6,599.04	51.22	17.71	-35.07	58.98	1,993.72	1,668.69	1,632.76	35.93	46.444		
9,600.00	7,187.75	6,676.02	6,576.79	52.77	17.71	-34.07	58.74	2,002.66	1,758.60	1,722.67	35.93	48.944		
9,700.00	7,187.28	6,650.00	6,552.28	54.34	17.71	-33.03	58.47	2,011.41	1,849.82	1,813.88	35.94	51.472		
9,800.00	7,186.80	6,650.00	6,552.28	55.91	17.71	-33.03	58.47	2,011.41	1,941.26	1,905.25	36.01	53.908		
9,900.00	7,186.33	6,650.00	6,552.28	57.48	17.71	-33.03	58.47	2,011.41	2,033.51	1,997.42	36.08	56.353		
10,000.00	7,185.85	6,650.00	6,552.28	59.06	17.71	-33.03	58.47	2,011.41	2,126.46	2,090.29	36.16	58.804		
10,100.00	7,185.38	6,650.00	6,552.28	60.65	17.71	-33.03	58.47	2,011.41	2,220.02	2,183.78	36.24	61.258		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,628.78	6,532.05	62.24	17.70	-32.21	58.25	2,017.80	2,313.67	2,277.40	36.28	63.775	
10,300.00	7,184.42	6,622.64	6,526.16	63.83	17.70	-31.98	58.19	2,019.51	2,407.96	2,371.61	36.35	66.242	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.18	-3.26	1,059.63	1,059.63				
100.00	100.00	100.00	100.00	3.28	3.28	90.18	-3.26	1,059.63	1,059.63	1,052.10	7.53	140.743	
200.00	200.00	200.00	200.00	3.31	3.31	90.18	-3.26	1,059.63	1,059.63	1,052.06	7.57	139.906	
300.00	299.98	273.74	273.73	3.35	3.34	-17.86	-3.00	1,060.54	1,059.21	1,051.57	7.64	138.572	
400.00	399.84	347.45	347.39	3.41	3.38	-17.98	-2.24	1,063.28	1,057.95	1,050.21	7.74	136.679	
500.00	499.45	421.12	420.90	3.50	3.43	-18.16	-0.98	1,067.85	1,055.85	1,047.99	7.87	134.213	
600.00	598.70	500.00	499.45	3.62	3.51	-18.45	0.94	1,074.75	1,052.97	1,044.93	8.03	131.067	
700.00	697.47	568.25	567.24	3.77	3.59	-18.77	3.06	1,082.40	1,049.27	1,041.05	8.22	127.652	
800.00	796.01	641.75	640.00	3.96	3.69	-19.13	5.83	1,092.38	1,046.80	1,038.36	8.44	123.994	
846.50	841.84	675.92	673.73	4.06	3.74	-19.31	7.29	1,097.63	1,046.52	1,037.96	8.56	122.303	
900.00	894.55	724.69	721.80	4.18	3.82	-19.57	9.49	1,105.58	1,046.72	1,038.01	8.72	120.053	
1,000.00	993.09	824.21	819.88	4.42	4.01	-20.11	14.00	1,121.85	1,047.24	1,038.17	9.07	115.446	
1,100.00	1,091.63	923.73	917.96	4.68	4.23	-20.64	18.52	1,138.13	1,047.85	1,038.40	9.46	110.793	
1,200.00	1,190.17	1,023.25	1,016.03	4.96	4.47	-21.17	23.03	1,154.40	1,048.55	1,038.68	9.87	106.190	
1,300.00	1,288.71	1,122.77	1,114.11	5.25	4.73	-21.70	27.55	1,170.68	1,049.35	1,039.03	10.32	101.710	
1,400.00	1,387.25	1,222.29	1,212.19	5.55	5.00	-22.23	32.06	1,186.95	1,050.23	1,039.45	10.78	97.398	
1,500.00	1,485.79	1,321.81	1,310.26	5.87	5.29	-22.76	36.57	1,203.22	1,051.20	1,039.93	11.27	93.282	
1,600.00	1,584.34	1,421.33	1,408.34	6.19	5.58	-23.28	41.09	1,219.50	1,052.26	1,040.49	11.77	89.396	
1,700.00	1,682.88	1,520.85	1,506.42	6.52	5.89	-23.81	45.60	1,235.77	1,053.42	1,041.13	12.29	85.716	
1,800.00	1,781.42	1,620.37	1,604.49	6.85	6.20	-24.34	50.11	1,252.04	1,054.66	1,041.84	12.82	82.255	
1,900.00	1,879.96	1,719.89	1,702.57	7.04	6.52	-24.86	54.63	1,268.32	1,055.99	1,042.97	13.02	81.112	
2,000.00	1,978.50	1,819.41	1,800.65	7.08	6.82	-25.38	59.14	1,284.59	1,057.41	1,044.30	13.11	80.666	
2,100.00	2,077.04	1,918.93	1,898.72	7.13	6.97	-25.90	63.66	1,300.86	1,058.92	1,045.66	13.26	79.840	
2,200.00	2,175.58	2,018.45	1,996.80	7.20	7.01	-26.42	68.17	1,317.14	1,060.52	1,047.18	13.34	79.488	
2,300.00	2,274.12	2,117.97	2,094.88	7.29	7.07	-26.94	72.68	1,333.41	1,062.20	1,048.75	13.45	78.963	
2,400.00	2,372.66	2,217.49	2,192.95	7.39	7.14	-27.46	77.20	1,349.68	1,063.97	1,050.38	13.59	78.277	
2,500.00	2,471.20	2,317.01	2,291.03	7.51	7.23	-27.97	81.71	1,365.96	1,065.83	1,052.07	13.76	77.443	
2,600.00	2,569.74	2,416.53	2,389.11	7.64	7.33	-28.48	86.23	1,382.23	1,067.78	1,053.82	13.96	76.477	
2,700.00	2,668.28	2,516.05	2,487.18	7.78	7.45	-28.99	90.74	1,398.50	1,069.81	1,055.62	14.19	75.398	
2,800.00	2,766.83	2,615.57	2,585.26	7.94	7.57	-29.50	95.25	1,414.78	1,071.93	1,057.48	14.44	74.223	
2,900.00	2,865.37	2,715.09	2,683.34	8.11	7.72	-30.01	99.77	1,431.05	1,074.13	1,059.41	14.72	72.970	
3,000.00	2,963.91	2,814.61	2,781.41	8.28	7.87	-30.52	104.28	1,447.33	1,076.41	1,061.39	15.02	71.655	
3,100.00	3,062.45	2,914.13	2,879.49	8.47	8.03	-31.02	108.79	1,463.60	1,078.78	1,063.44	15.35	70.295	
3,200.00	3,160.99	3,013.65	2,977.57	8.67	8.20	-31.52	113.31	1,479.87	1,081.24	1,065.55	15.69	68.903	
3,300.00	3,259.53	3,113.17	3,075.65	8.88	8.39	-32.02	117.82	1,496.15	1,083.77	1,067.72	16.06	67.494	
3,400.00	3,358.07	3,212.69	3,173.72	9.09	8.58	-32.51	122.34	1,512.42	1,086.39	1,069.95	16.44	66.077	
3,500.00	3,456.61	3,312.21	3,271.80	9.31	8.78	-33.01	126.85	1,528.69	1,089.09	1,072.25	16.84	64.664	
3,600.00	3,555.15	3,411.73	3,369.88	9.54	8.99	-33.50	131.36	1,544.97	1,091.87	1,074.61	17.26	63.261	
3,700.00	3,653.69	3,511.25	3,467.95	9.78	9.21	-33.99	135.88	1,561.24	1,094.73	1,077.04	17.69	61.877	
3,800.00	3,752.23	3,610.78	3,566.03	10.02	9.43	-34.47	140.39	1,577.51	1,097.68	1,079.54	18.14	60.516	
3,900.00	3,850.77	3,710.30	3,664.11	10.27	9.66	-34.95	144.90	1,593.79	1,100.70	1,082.10	18.60	59.183	
4,000.00	3,949.31	3,809.82	3,762.18	10.52	9.89	-35.43	149.42	1,610.06	1,103.80	1,084.73	19.07	57.881	
4,100.00	4,047.86	3,909.34	3,860.26	10.78	10.14	-35.91	153.93	1,626.33	1,106.97	1,087.42	19.55	56.614	
4,200.00	4,146.40	4,008.86	3,958.34	11.05	10.38	-36.39	158.45	1,642.61	1,110.23	1,090.18	20.05	55.381	
4,300.00	4,244.94	4,108.38	4,056.41	11.31	10.63	-36.86	162.96	1,658.88	1,113.56	1,093.01	20.55	54.186	
4,400.00	4,343.48	4,207.90	4,154.49	11.59	10.89	-37.33	167.47	1,675.15	1,116.96	1,095.90	21.06	53.028	
4,500.00	4,442.02	4,307.42	4,252.57	11.86	11.15	-37.80	171.99	1,691.43	1,120.44	1,098.86	21.59	51.908	
4,600.00	4,540.56	4,406.94	4,350.64	12.14	11.41	-38.26	176.50	1,707.70	1,124.00	1,101.88	22.11	50.825	
4,700.00	4,639.10	4,506.46	4,448.72	12.42	11.68	-38.72	181.01	1,723.98	1,127.63	1,104.98	22.65	49.780	
4,800.00	4,737.64	4,605.98	4,546.80	12.71	11.95	-39.18	185.53	1,740.25	1,131.33	1,108.13	23.20	48.772	
4,900.00	4,836.18	4,705.50	4,644.87	13.00	12.23	-39.63	190.04	1,756.52	1,135.11	1,111.36	23.75	47.800	
5,000.00	4,934.72	4,805.02	4,742.95	13.29	12.50	-40.09	194.56	1,772.80	1,138.95	1,114.65	24.30	46.862	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,904.54	4,841.03	13.58	12.78	-40.53	199.07	1,789.07	1,142.87	1,118.00	24.87	45.959		
5,200.00	5,131.80	5,004.06	4,939.10	13.87	13.06	-40.98	203.58	1,805.34	1,146.86	1,121.42	25.44	45.088		
5,300.00	5,230.34	5,103.58	5,037.18	14.17	13.35	-41.42	208.10	1,821.62	1,150.91	1,124.90	26.01	44.250		
5,400.00	5,328.89	5,203.10	5,135.26	14.47	13.64	-41.86	212.61	1,837.89	1,155.04	1,128.45	26.59	43.442		
5,500.00	5,427.43	5,302.62	5,233.33	14.77	13.93	-42.30	217.13	1,854.16	1,159.23	1,132.06	27.17	42.664		
5,600.00	5,525.97	5,402.14	5,331.41	15.08	14.22	-42.73	221.64	1,870.44	1,163.49	1,135.73	27.76	41.915		
5,700.00	5,624.51	5,501.66	5,429.49	15.38	14.51	-43.16	226.15	1,886.71	1,167.82	1,139.47	28.35	41.193		
5,800.00	5,723.05	5,601.18	5,527.56	15.69	14.80	-43.59	230.67	1,902.98	1,172.21	1,143.26	28.95	40.497		
5,900.00	5,821.59	5,700.70	5,625.64	16.00	15.10	-44.01	235.18	1,919.26	1,176.67	1,147.12	29.54	39.827		
6,000.00	5,920.13	5,800.22	5,723.72	16.31	15.40	-44.43	239.69	1,935.53	1,181.19	1,151.04	30.15	39.181		
6,100.00	6,018.67	5,900.26	5,821.79	16.62	15.70	-44.85	244.21	1,951.80	1,185.77	1,155.02	30.75	38.556		
6,200.00	6,117.21	6,000.74	5,919.87	16.93	16.00	-45.27	248.72	1,968.08	1,190.42	1,159.06	31.37	37.953		
6,300.00	6,215.75	6,160.36	7,176.24	17.24	22.64	-124.02	297.65	912.22	1,136.05	1,103.71	32.34	35.127		
6,400.00	6,314.29	8,141.09	7,176.85	17.56	22.46	-122.47	297.82	931.48	1,057.58	1,024.58	33.00	32.049		
6,500.00	6,412.83	8,121.82	7,177.46	17.87	22.27	-120.91	297.98	950.73	982.64	948.88	33.76	29.106		
6,600.00	6,511.38	8,102.55	7,178.07	18.19	22.08	-119.32	298.14	969.99	912.12	877.48	34.64	26.333		
6,700.00	6,609.92	8,083.29	7,178.69	18.51	21.91	-117.72	298.30	989.25	847.11	811.46	35.65	23.763		
6,800.00	6,708.16	8,062.47	7,179.35	18.84	21.72	-113.41	298.48	1,010.05	789.18	752.42	36.76	21.467		
6,900.00	6,803.11	8,028.87	7,180.42	19.25	21.43	-110.53	298.76	1,043.63	741.50	703.63	37.87	19.579		
7,000.00	6,892.11	7,980.97	7,181.94	19.76	21.02	-108.29	299.17	1,091.50	705.66	666.75	38.91	18.136		
7,100.00	6,972.96	7,919.95	7,183.88	20.36	20.54	-105.30	299.69	1,152.49	681.59	641.78	39.82	17.118		
7,200.00	7,043.67	7,847.31	7,186.19	21.07	20.03	-101.62	300.30	1,225.10	667.83	627.24	40.59	16.454		
7,300.00	7,102.50	7,764.83	7,188.81	21.87	19.51	-97.72	301.00	1,307.53	661.85	620.60	41.25	16.044		
7,382.57	7,141.09	7,709.24	7,191.17	22.61	19.20	-94.77	301.62	1,381.56	660.72	618.85	41.87	15.782 CC, ES		
7,400.00	7,148.01	7,674.56	7,191.68	22.77	19.04	-94.20	301.76	1,397.76	660.76	618.87	41.88	15.776		
7,500.00	7,179.07	7,572.77	7,188.33	23.75	18.64	-90.95	302.32	1,499.38	661.49	618.89	42.60	15.526		
7,600.00	7,194.92	7,475.38	7,170.11	24.79	18.35	-87.90	302.18	1,594.95	662.53	619.14	43.39	15.270		
7,700.00	7,196.79	7,383.39	7,139.72	25.88	18.16	-85.06	301.43	1,681.69	663.99	619.80	44.19	15.027		
7,800.00	7,196.31	7,300.94	7,102.13	27.02	18.07	-81.86	300.26	1,755.00	668.14	623.20	44.93	14.869 SF		
7,900.00	7,195.84	7,229.40	7,062.07	28.22	18.03	-78.49	298.87	1,814.21	677.25	631.73	45.52	14.877		
8,000.00	7,195.36	7,168.20	7,022.72	29.47	18.03	-75.23	297.44	1,861.03	693.05	647.18	45.87	15.108		
8,100.00	7,194.89	7,116.16	6,985.86	30.75	18.03	-72.24	296.04	1,897.72	716.67	670.71	45.96	15.592		
8,200.00	7,194.41	7,071.92	6,952.25	32.08	18.04	-69.59	294.74	1,926.45	748.59	702.76	45.82	16.337		
8,300.00	7,193.93	7,034.20	6,922.09	33.44	18.05	-67.28	293.54	1,949.05	788.67	743.17	45.50	17.334		
8,400.00	7,193.46	7,000.00	6,893.62	34.82	18.06	-65.16	292.40	1,967.97	836.41	791.36	45.05	18.565		
8,500.00	7,192.98	6,973.98	6,871.30	36.23	18.06	-63.54	291.49	1,981.32	891.01	846.46	44.56	19.998		
8,600.00	7,192.51	6,950.00	6,850.28	37.66	18.06	-62.04	290.63	1,992.80	951.65	907.61	44.04	21.609		
8,700.00	7,192.03	6,928.61	6,831.16	39.11	18.06	-60.72	289.84	2,002.38	1,017.47	973.94	43.53	23.373		
8,800.00	7,191.56	6,900.00	6,805.12	40.58	18.06	-58.96	288.75	2,014.16	1,087.82	1,044.81	43.01	25.290		
8,900.00	7,191.08	6,900.00	6,805.12	42.07	18.06	-58.96	288.75	2,014.16	1,161.75	1,119.10	42.66	27.235		
9,000.00	7,190.61	6,878.86	6,785.56	43.56	18.06	-57.68	287.93	2,022.11	1,238.87	1,196.63	42.24	29.329		
9,100.00	7,190.13	6,865.74	6,773.28	45.07	18.06	-56.89	287.42	2,026.72	1,318.72	1,276.82	41.90	31.476		
9,200.00	7,189.66	6,850.00	6,758.43	46.59	18.05	-55.95	286.79	2,031.91	1,400.87	1,359.29	41.58	33.692		
9,300.00	7,189.18	6,850.00	6,758.43	48.13	18.05	-55.95	286.79	2,031.91	1,484.97	1,443.61	41.36	35.902		
9,400.00	7,188.70	6,833.60	6,742.83	49.67	18.05	-54.99	286.12	2,036.92	1,570.66	1,529.56	41.10	38.213		
9,500.00	7,188.23	6,824.78	6,734.39	51.22	18.04	-54.47	285.76	2,039.45	1,657.84	1,616.93	40.91	40.528		
9,600.00	7,187.75	6,816.72	6,726.64	52.77	18.04	-54.01	285.43	2,041.67	1,746.25	1,705.51	40.74	42.867		
9,700.00	7,187.28	6,800.00	6,710.50	54.34	18.03	-53.05	284.73	2,045.93	1,835.82	1,795.26	40.56	45.267		
9,800.00	7,186.80	6,800.00	6,710.50	55.91	18.03	-53.05	284.73	2,045.93	1,926.16	1,885.70	40.46	47.606		
9,900.00	7,186.33	6,800.00	6,710.50	57.48	18.03	-53.05	284.73	2,045.93	2,017.41	1,977.03	40.38	49.959		
10,000.00	7,185.85	6,800.00	6,710.50	59.06	18.03	-53.05	284.73	2,045.93	2,109.46	2,069.14	40.32	52.323		
10,100.00	7,185.38	6,800.00	6,710.50	60.65	18.03	-53.05	284.73	2,045.93	2,202.20	2,161.94	40.26	54.693		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,779.90	6,690.94	62.24	18.02	-51.92	283.89	2,050.50	2,295.16	2,255.01	40.15	57.162	
10,300.00	7,184.42	6,775.19	6,686.34	63.83	18.01	-51.66	283.69	2,051.49	2,388.85	2,348.74	40.11	59.561	
10,400.00	7,183.95	6,770.78	6,682.03	65.43	18.01	-51.41	283.50	2,052.37	2,482.99	2,442.91	40.07	61.960	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.15	-2.53	939.63	939.64				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	939.63	939.64	932.11	7.53	124.805	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	939.63	939.64	932.06	7.57	124.062	
300.00	299.98	289.22	289.22	3.35	3.34	-17.87	-2.68	939.86	938.26	930.61	7.65	122.611	
400.00	399.84	367.68	367.64	3.41	3.39	-17.89	-3.86	941.65	935.57	927.82	7.75	120.674	
500.00	499.45	446.16	446.01	3.50	3.44	-17.90	-6.21	945.25	931.86	923.97	7.89	118.165	
600.00	598.70	524.69	524.27	3.62	3.51	-17.90	-9.74	950.64	927.12	919.07	8.05	115.110	
700.00	697.47	603.25	602.36	3.77	3.60	-17.87	-14.44	957.83	921.38	913.12	8.26	111.538	
800.00	796.01	681.92	680.28	3.96	3.71	-17.76	-20.33	966.83	916.60	908.10	8.50	107.847	
900.00	894.55	760.65	757.95	4.18	3.85	-17.58	-27.39	977.61	914.13	905.36	8.77	104.197	
955.56	949.30	804.38	800.92	4.31	3.93	-17.44	-31.81	984.38	913.77	904.83	8.94	102.227	
1,000.00	993.09	844.94	840.70	4.42	4.02	-17.30	-36.17	991.04	913.92	904.83	9.10	100.482	
1,100.00	1,091.63	944.79	938.58	4.68	4.26	-16.96	-46.95	1,007.51	914.37	904.87	9.50	96.251	
1,200.00	1,190.17	1,044.63	1,036.47	4.96	4.53	-16.61	-57.73	1,023.98	914.85	904.91	9.94	92.066	
1,300.00	1,288.71	1,144.48	1,134.35	5.25	4.81	-16.26	-68.50	1,040.45	915.37	904.96	10.40	87.999	
1,400.00	1,387.25	1,244.32	1,232.24	5.55	5.12	-15.92	-79.28	1,056.92	915.91	905.02	10.89	84.099	
1,500.00	1,485.79	1,344.17	1,330.13	5.87	5.45	-15.57	-90.06	1,073.40	916.49	905.09	11.40	80.392	
1,600.00	1,584.34	1,444.01	1,428.01	6.19	5.78	-15.23	-100.84	1,089.87	917.11	905.19	11.92	76.916	
1,700.00	1,682.88	1,543.86	1,525.90	6.52	6.13	-14.88	-111.61	1,106.34	917.76	905.29	12.46	73.637	
1,800.00	1,781.42	1,643.70	1,623.78	6.85	6.49	-14.54	-122.39	1,122.81	918.44	905.42	13.01	70.569	
1,900.00	1,879.96	1,743.55	1,721.67	7.04	6.85	-14.20	-133.17	1,139.28	919.15	905.92	13.23	69.456	
2,000.00	1,978.50	1,843.39	1,819.55	7.08	7.15	-13.85	-143.95	1,155.75	919.90	906.59	13.31	69.119	
2,100.00	2,077.04	1,943.24	1,917.44	7.13	7.29	-13.51	-154.72	1,172.22	920.68	907.25	13.43	68.537	
2,200.00	2,175.58	2,043.08	2,015.33	7.20	7.34	-13.17	-165.50	1,188.69	921.50	907.99	13.50	68.234	
2,300.00	2,274.12	2,142.93	2,113.21	7.29	7.41	-12.83	-176.28	1,205.17	922.34	908.73	13.61	67.775	
2,400.00	2,372.66	2,242.77	2,211.10	7.39	7.50	-12.49	-187.06	1,221.64	923.22	909.48	13.74	67.173	
2,500.00	2,471.20	2,342.62	2,308.98	7.51	7.61	-12.15	-197.83	1,238.11	924.13	910.22	13.91	66.439	
2,600.00	2,569.74	2,442.46	2,406.87	7.64	7.73	-11.81	-208.61	1,254.58	925.08	910.97	14.10	65.590	
2,700.00	2,668.28	2,542.31	2,504.75	7.78	7.86	-11.47	-219.39	1,271.05	926.05	911.73	14.33	64.641	
2,800.00	2,766.83	2,642.15	2,602.64	7.94	8.02	-11.13	-230.17	1,287.52	927.06	912.49	14.57	63.608	
2,900.00	2,865.37	2,742.00	2,700.52	8.11	8.18	-10.79	-240.94	1,303.99	928.11	913.26	14.85	62.507	
3,000.00	2,963.91	2,841.84	2,798.41	8.28	8.36	-10.46	-251.72	1,320.46	929.18	914.03	15.14	61.353	
3,100.00	3,062.45	2,941.69	2,896.30	8.47	8.55	-10.12	-262.50	1,336.93	930.28	914.82	15.46	60.161	
3,200.00	3,160.99	3,041.53	2,994.18	8.67	8.75	-9.79	-273.28	1,353.41	931.42	915.62	15.80	58.942	
3,300.00	3,259.53	3,141.38	3,092.07	8.88	8.96	-9.45	-284.05	1,369.88	932.59	916.43	16.16	57.708	
3,400.00	3,358.07	3,241.22	3,189.95	9.09	9.18	-9.12	-294.83	1,386.35	933.79	917.26	16.54	56.469	
3,500.00	3,456.61	3,341.07	3,287.84	9.31	9.41	-8.79	-305.61	1,402.82	935.03	918.10	16.93	55.234	
3,600.00	3,555.15	3,440.91	3,385.72	9.54	9.65	-8.46	-316.39	1,419.29	936.29	918.95	17.34	54.009	
3,700.00	3,653.69	3,540.76	3,483.61	9.78	9.90	-8.13	-327.16	1,435.76	937.59	919.83	17.76	52.800	
3,800.00	3,752.23	3,640.60	3,581.49	10.02	10.15	-7.80	-337.94	1,452.23	938.91	920.72	18.19	51.613	
3,900.00	3,850.77	3,740.45	3,679.38	10.27	10.41	-7.47	-348.72	1,468.70	940.27	921.63	18.64	50.449	
4,000.00	3,949.31	3,840.29	3,777.27	10.52	10.68	-7.14	-359.50	1,485.18	941.66	922.56	19.10	49.314	
4,100.00	4,047.86	3,940.14	3,875.15	10.78	10.95	-6.81	-370.27	1,501.65	943.08	923.51	19.56	48.207	
4,200.00	4,146.40	4,039.98	3,973.04	11.05	11.23	-6.49	-381.05	1,518.12	944.53	924.49	20.04	47.132	
4,300.00	4,244.94	4,139.83	4,070.92	11.31	11.52	-6.16	-391.83	1,534.59	946.01	925.48	20.53	46.089	
4,400.00	4,343.48	4,239.67	4,168.81	11.59	11.80	-5.84	-402.61	1,551.06	947.52	926.50	21.02	45.078	
4,500.00	4,442.02	4,339.52	4,266.69	11.86	12.10	-5.52	-413.38	1,567.53	949.06	927.54	21.52	44.099	
4,600.00	4,540.56	4,439.36	4,364.58	12.14	12.39	-5.20	-424.16	1,584.00	950.63	928.60	22.03	43.153	
4,700.00	4,639.10	4,539.21	4,462.47	12.42	12.69	-4.88	-434.94	1,600.47	952.23	929.69	22.54	42.239	
4,800.00	4,737.64	4,639.05	4,560.35	12.71	13.00	-4.56	-445.72	1,616.94	953.86	930.80	23.06	41.357	
4,900.00	4,836.18	4,738.90	4,658.24	13.00	13.30	-4.24	-456.49	1,633.42	955.52	931.93	23.59	40.505	
5,000.00	4,934.72	4,838.75	4,756.12	13.29	13.61	-3.92	-467.27	1,649.89	957.21	933.09	24.12	39.683	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,938.59	4,854.01	13.58	13.92	-3.60	-478.05	1,666.36	958.93	934.28	24.66	38.891		
5,200.00	5,131.80	5,038.44	4,951.89	13.87	14.24	-3.29	-488.83	1,682.83	960.68	935.48	25.20	38.126		
5,300.00	5,230.34	5,138.28	5,049.78	14.17	14.56	-2.98	-499.60	1,699.30	962.46	936.72	25.74	37.389		
5,400.00	5,328.89	5,238.13	5,147.66	14.47	14.88	-2.66	-510.38	1,715.77	964.26	937.98	26.29	36.678		
5,500.00	5,427.43	5,337.97	5,245.55	14.77	15.20	-2.35	-521.16	1,732.24	966.10	939.26	26.84	35.993		
5,600.00	5,525.97	5,437.82	5,343.44	15.08	15.52	-2.04	-531.94	1,748.71	967.96	940.57	27.40	35.332		
5,700.00	5,624.51	5,537.66	5,441.32	15.38	15.85	-1.73	-542.71	1,765.19	969.85	941.90	27.95	34.694		
5,800.00	5,723.05	5,637.51	5,539.21	15.69	16.17	-1.42	-553.49	1,781.66	971.77	943.26	28.52	34.079		
5,900.00	5,821.59	5,737.35	5,637.09	16.00	16.50	-1.12	-564.27	1,798.13	973.72	944.64	29.08	33.485		
6,000.00	5,920.13	5,837.20	5,734.98	16.31	16.83	-0.81	-575.05	1,814.60	975.70	946.05	29.65	32.912		
6,100.00	6,018.67	5,937.04	5,832.86	16.62	17.17	-0.51	-585.82	1,831.07	977.70	947.49	30.21	32.358		
6,200.00	6,117.21	6,036.89	5,930.75	16.93	17.50	-0.21	-596.60	1,847.54	979.73	948.95	30.79	31.824		
6,300.00	6,215.75	6,136.73	6,028.63	17.24	17.84	0.10	-607.38	1,864.01	981.79	950.43	31.36	31.308		
6,400.00	6,314.29	6,236.58	6,126.52	17.56	18.17	0.40	-618.16	1,880.48	983.88	951.94	31.93	30.809		
6,500.00	6,412.83	6,336.42	6,224.41	17.87	18.51	0.70	-628.93	1,896.95	985.99	953.48	32.51	30.327		
6,600.00	6,511.38	6,435.18	6,322.37	18.19	19.19	0.99	-639.71	1,913.42	988.78	955.00	33.09	29.845		
6,700.00	6,609.92	6,533.90	6,418.98	18.51	20.19	1.28	-650.50	1,930.00	991.39	956.52	33.67	29.363		
6,800.00	6,708.46	6,633.07	6,509.64	18.84	21.19	1.57	-661.29	1,946.60	994.43	958.04	34.25	28.881		
6,900.00	6,807.00	6,732.45	6,607.71	19.17	22.19	1.86	-672.08	1,963.20	997.55	959.56	34.83	28.399		
7,000.00	6,892.11	6,818.53	6,693.23	19.76	23.19	2.15	-682.87	1,979.80	1,000.69	961.08	35.41	27.917		
7,100.00	6,972.96	6,900.50	6,775.16	20.36	24.19	2.44	-693.66	1,996.40	1,003.79	962.60	35.99	27.435		
7,200.00	7,043.67	6,972.16	6,847.47	21.07	25.19	2.73	-704.45	2,013.00	1,006.88	964.12	36.57	26.953		
7,300.00	7,102.50	7,033.59	6,910.13	21.87	26.19	3.02	-715.24	2,029.60	1,010.03	965.64	37.15	26.471		
7,400.00	7,148.01	7,082.08	6,959.91	22.77	27.19	3.31	-726.03	2,046.20	1,013.19	967.16	37.73	25.989		
7,500.00	7,179.07	7,116.49	7,000.74	23.75	28.19	3.60	-736.82	2,062.80	1,016.34	968.68	38.31	25.507		
7,600.00	7,194.92	7,137.89	7,022.28	24.79	29.19	3.89	-747.46	2,079.40	1,019.49	970.20	38.89	25.025		
7,700.00	7,196.79	7,147.69	7,032.52	25.88	30.19	4.18	-736.37	2,118.48	1,022.51	973.51	39.47	24.543		
7,751.06	7,196.54	7,147.45	7,032.02	26.46	30.88	4.32	-733.31	2,149.46	1,025.10	976.10	40.05	24.061	8.233 CC, ES	
7,800.00	7,196.31	7,147.63	7,028.43	27.02	31.48	4.46	-730.49	2,174.90	1,027.69	978.69	40.63	23.579	8.145 SF	
7,900.00	7,195.84	7,147.18	7,023.85	28.22	32.08	4.60	-725.22	2,186.24	1,029.99	980.99	41.21	23.097	8.274	
8,000.00	7,195.36	7,147.11	7,024.73	29.47	32.68	4.74	-720.64	2,186.64	1,030.55	981.54	41.79	22.615	8.848	
8,100.00	7,194.89	7,150.00	7,010.12	30.75	33.16	4.88	-716.62	2,189.74	1,031.10	982.09	42.37	22.133		
8,200.00	7,194.41	7,116.99	6,981.77	32.08	33.64	5.02	-713.34	2,186.32	1,031.65	982.64	42.95	21.651		
8,300.00	7,193.93	7,088.54	6,956.68	33.44	34.12	5.16	-710.45	2,189.42	1,032.20	983.19	43.53	21.169		
8,400.00	7,193.46	7,064.43	6,934.98	34.82	34.60	5.30	-707.96	2,190.62	1,032.75	983.74	44.11	20.687		
8,500.00	7,192.98	7,050.00	6,921.82	36.23	35.08	5.44	-706.45	2,191.33	1,033.30	984.29	44.69	20.205		
8,600.00	7,192.51	7,025.95	6,899.60	37.66	35.56	5.58	-703.91	2,192.17	1,033.85	984.84	45.27	19.723		
8,700.00	7,192.03	7,000.00	6,875.27	39.11	36.04	5.72	-701.14	2,193.76	1,034.40	985.39	45.85	19.241		
8,800.00	7,191.56	7,000.00	6,875.27	40.58	36.52	5.86	-701.14	2,193.76	1,034.95	985.94	46.43	18.759		
8,900.00	7,191.08	6,984.71	6,860.77	42.07	37.00	6.00	-699.49	2,193.35	1,035.50	986.49	47.01	18.277		
9,000.00	7,190.61	6,973.97	6,850.53	43.56	37.48	6.14	-698.33	2,194.37	1,036.05	987.04	47.59	17.795		
9,100.00	7,190.13	6,950.00	6,827.50	45.07	37.96	6.28	-695.72	2,194.46	1,036.60	987.59	48.17	17.313		
9,200.00	7,189.66	6,950.00	6,827.50	46.59	38.44	6.42	-695.72	2,194.46	1,037.15	988.14	48.75	16.831		
9,300.00	7,189.18	6,950.00	6,827.50	48.13	38.92	6.56	-695.72	2,194.46	1,037.70	988.69	49.33	16.349		
9,400.00	7,188.70	6,950.00	6,827.50	49.67	39.40	6.70	-695.72	2,194.46	1,038.25	989.24	49.91	15.867		
9,500.00	7,188.23	6,950.00	6,827.50	51.22	39.88	6.84	-695.72	2,194.46	1,038.80	989.79	50.49	15.385		
9,600.00	7,187.75	6,928.32	6,806.49	52.77	40.36	6.98	-693.35	2,195.22	1,039.35	990.34	51.07	14.903		
9,700.00	7,187.28	6,922.86	6,801.17	54.34	40.84	7.12	-692.74	2,195.31	1,039.90	990.89	51.65	14.421		
9,800.00	7,186.80	6,917.82	6,796.25	55.91	41.32	7.26	-692.19	2,195.37	1,040.45	991.44	52.23	13.939		
9,900.00	7,186.33	6,900.00	6,778.81	57.48	41.80	7.40	-690.23	2,195.35	1,041.00	991.99	52.81	13.457		
10,000.00	7,185.85	6,900.00	6,778.81	59.06	42.28	7.54	-690.23	2,195.35	1,041.55	992.54	53.39	12.975		
10,100.00	7,185.38	6,900.00	6,778.81	60.65	42.76	7.68	-690.23	2,195.35	1,042.10	993.09	53.97	12.493		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,900.00	6,778.81	62.24	20.07	38.42	-690.23	1,956.35	2,302.52	2,260.94	41.58	55.373	
10,300.00	7,184.42	6,900.00	6,778.81	63.83	20.07	38.42	-690.23	1,956.35	2,399.93	2,358.32	41.61	57.675	
10,400.00	7,183.95	6,900.00	6,778.81	65.43	20.07	38.42	-690.23	1,956.35	2,497.54	2,455.90	41.65	59.972	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.15	-2.53	959.68	959.68				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	959.68	959.68	952.15	7.53	127.467	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	959.68	959.68	952.11	7.57	126.709	
300.00	299.98	276.72	276.71	3.35	3.34	-17.85	-2.97	960.61	959.23	951.59	7.64	125.492	
400.00	399.84	353.45	353.37	3.41	3.38	-17.85	-4.28	963.40	957.89	950.15	7.74	123.747	
500.00	499.45	430.20	429.95	3.50	3.43	-17.86	-6.47	968.04	955.65	947.78	7.87	121.445	
600.00	598.70	506.97	506.39	3.62	3.50	-17.87	-9.53	974.55	952.51	944.48	8.03	118.598	
700.00	697.47	583.79	582.65	3.77	3.59	-17.88	-13.46	982.90	948.50	940.27	8.23	115.220	
800.00	796.01	660.70	658.72	3.96	3.71	-17.83	-18.27	993.12	945.58	937.12	8.46	111.709	
869.94	864.93	714.52	711.76	4.11	3.80	-17.77	-22.15	1,001.37	944.98	936.34	8.65	109.283	
900.00	894.55	743.06	733.80	4.18	3.85	-17.73	-23.89	1,005.07	945.09	936.35	8.74	108.161	
1,000.00	993.09	836.90	831.99	4.42	4.05	-17.57	-31.87	1,022.02	945.91	936.81	9.09	104.029	
1,100.00	1,091.63	936.86	930.18	4.68	4.29	-17.40	-39.84	1,038.97	946.73	937.23	9.49	99.729	
1,200.00	1,190.17	1,036.82	1,028.37	4.96	4.55	-17.24	-47.81	1,055.92	947.55	937.63	9.92	95.476	
1,300.00	1,288.71	1,136.78	1,126.56	5.25	4.84	-17.08	-55.79	1,072.87	948.39	938.01	10.38	91.342	
1,400.00	1,387.25	1,236.74	1,224.75	5.55	5.14	-16.91	-63.76	1,089.81	949.23	938.37	10.86	87.371	
1,500.00	1,485.79	1,336.70	1,322.94	5.87	5.45	-16.75	-71.74	1,106.76	950.09	938.72	11.36	83.606	
1,600.00	1,584.34	1,436.66	1,421.13	6.19	5.78	-16.59	-79.71	1,123.71	950.95	939.06	11.88	80.037	
1,700.00	1,682.88	1,536.62	1,519.31	6.52	6.12	-16.42	-87.69	1,140.66	951.81	939.40	12.41	76.678	
1,800.00	1,781.42	1,636.58	1,617.50	6.85	6.47	-16.26	-95.66	1,157.61	952.69	939.73	12.96	73.526	
1,900.00	1,879.96	1,736.54	1,715.69	7.04	6.82	-16.10	-103.64	1,174.56	953.57	940.40	13.17	72.415	
2,000.00	1,978.50	1,836.50	1,813.88	7.08	7.12	-15.94	-111.61	1,191.50	954.46	941.21	13.25	72.048	
2,100.00	2,077.04	1,936.46	1,912.07	7.13	7.26	-15.77	-119.58	1,208.45	955.36	941.98	13.38	71.399	
2,200.00	2,175.58	2,036.42	2,010.26	7.20	7.31	-15.61	-127.56	1,225.40	956.26	942.81	13.45	71.080	
2,300.00	2,274.12	2,136.37	2,108.45	7.29	7.38	-15.45	-135.53	1,242.35	957.18	943.62	13.56	70.599	
2,400.00	2,372.66	2,236.33	2,206.64	7.39	7.46	-15.29	-143.51	1,259.30	958.10	944.40	13.69	69.967	
2,500.00	2,471.20	2,336.29	2,304.83	7.51	7.56	-15.13	-151.48	1,276.25	959.03	945.17	13.86	69.197	
2,600.00	2,569.74	2,436.25	2,403.02	7.64	7.68	-14.97	-159.46	1,293.19	959.96	945.91	14.05	68.307	
2,700.00	2,668.28	2,536.21	2,501.21	7.78	7.81	-14.81	-167.43	1,310.14	960.90	946.63	14.28	67.310	
2,800.00	2,766.83	2,636.17	2,599.39	7.94	7.95	-14.65	-175.41	1,327.09	961.85	947.33	14.52	66.225	
2,900.00	2,865.37	2,736.13	2,697.58	8.11	8.11	-14.49	-183.38	1,344.04	962.81	948.02	14.80	65.068	
3,000.00	2,963.91	2,836.09	2,795.77	8.28	8.28	-14.33	-191.35	1,360.99	963.78	948.68	15.09	63.854	
3,100.00	3,062.45	2,936.05	2,893.96	8.47	8.46	-14.17	-199.33	1,377.93	964.75	949.34	15.41	62.598	
3,200.00	3,160.99	3,036.01	2,992.15	8.67	8.65	-14.02	-207.30	1,394.88	965.73	949.98	15.75	61.314	
3,300.00	3,259.53	3,135.97	3,090.34	8.88	8.85	-13.86	-215.28	1,411.83	966.72	950.61	16.11	60.013	
3,400.00	3,358.07	3,235.93	3,188.53	9.09	9.07	-13.70	-223.25	1,428.78	967.71	951.23	16.48	58.705	
3,500.00	3,456.61	3,335.89	3,286.72	9.31	9.29	-13.54	-231.23	1,445.73	968.71	951.84	16.88	57.399	
3,600.00	3,555.15	3,435.85	3,384.91	9.54	9.52	-13.39	-239.20	1,462.68	969.72	952.44	17.28	56.104	
3,700.00	3,653.69	3,535.81	3,483.10	9.78	9.75	-13.23	-247.18	1,479.62	970.74	953.03	17.71	54.825	
3,800.00	3,752.23	3,635.77	3,581.29	10.02	10.00	-13.07	-255.15	1,496.57	971.76	953.62	18.14	53.566	
3,900.00	3,850.77	3,735.73	3,679.47	10.27	10.25	-12.92	-263.12	1,513.52	972.80	954.21	18.59	52.333	
4,000.00	3,949.31	3,835.69	3,777.66	10.52	10.51	-12.76	-271.10	1,530.47	973.83	954.79	19.05	51.128	
4,100.00	4,047.86	3,935.65	3,875.85	10.78	10.77	-12.61	-279.07	1,547.42	974.88	955.36	19.52	49.953	
4,200.00	4,146.40	4,035.61	3,974.04	11.05	11.04	-12.45	-287.05	1,564.37	975.93	955.94	19.99	48.810	
4,300.00	4,244.94	4,135.57	4,072.23	11.31	11.31	-12.30	-295.02	1,581.31	976.99	956.51	20.48	47.701	
4,400.00	4,343.48	4,235.53	4,170.42	11.59	11.59	-12.14	-303.00	1,598.26	978.06	957.08	20.98	46.624	
4,500.00	4,442.02	4,335.49	4,268.61	11.86	11.87	-11.99	-310.97	1,615.21	979.13	957.65	21.48	45.582	
4,600.00	4,540.56	4,435.45	4,366.80	12.14	12.16	-11.84	-318.94	1,632.16	980.21	958.22	21.99	44.573	
4,700.00	4,639.10	4,535.41	4,464.99	12.42	12.45	-11.68	-326.92	1,649.11	981.30	958.79	22.51	43.598	
4,800.00	4,737.64	4,635.37	4,563.18	12.71	12.74	-11.53	-334.89	1,666.05	982.40	959.37	23.03	42.656	
4,900.00	4,836.18	4,735.33	4,661.37	13.00	13.04	-11.38	-342.87	1,683.00	983.50	959.94	23.56	41.745	
5,000.00	4,934.72	4,835.29	4,759.55	13.29	13.34	-11.22	-350.84	1,699.95	984.61	960.52	24.09	40.866	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,935.24	4,857.74	13.58	13.64	-11.07	-358.82	1,716.90	985.72	961.09	24.63	40.018		
5,200.00	5,131.80	5,035.20	4,955.93	13.87	13.95	-10.92	-366.79	1,733.85	986.85	961.67	25.18	39.199		
5,300.00	5,230.34	5,135.16	5,054.12	14.17	14.26	-10.77	-374.77	1,750.80	987.98	962.25	25.72	38.408		
5,400.00	5,328.89	5,235.12	5,152.31	14.47	14.57	-10.62	-382.74	1,767.74	989.11	962.84	26.27	37.645		
5,500.00	5,427.43	5,335.08	5,250.50	14.77	14.88	-10.47	-390.71	1,784.69	990.26	963.43	26.83	36.909		
5,600.00	5,525.97	5,435.04	5,348.69	15.08	15.19	-10.32	-398.69	1,801.64	991.41	964.02	27.39	36.198		
5,700.00	5,624.51	5,535.00	5,446.88	15.38	15.51	-10.17	-406.66	1,818.59	992.56	964.61	27.95	35.512		
5,800.00	5,723.05	5,634.96	5,545.07	15.69	15.83	-10.02	-414.64	1,835.54	993.73	965.21	28.51	34.850		
5,900.00	5,821.59	5,734.92	5,643.26	16.00	16.15	-9.87	-422.61	1,852.49	994.90	965.82	29.08	34.210		
6,000.00	5,920.13	5,834.88	5,741.45	16.31	16.47	-9.72	-430.59	1,869.43	996.08	966.42	29.65	33.592		
6,100.00	6,018.67	5,934.84	5,839.63	16.62	16.79	-9.57	-438.56	1,886.38	997.26	967.04	30.22	32.995		
6,200.00	6,117.21	6,034.80	5,937.82	16.93	17.11	-9.42	-446.54	1,903.33	998.45	967.65	30.80	32.417		
6,300.00	6,215.75	6,134.98	6,036.23	17.24	21.78	112.81	-548.83	925.48	922.75	893.23	29.52	31.257		
6,400.00	6,314.29	7,996.23	7,106.73	17.56	21.62	109.56	-548.76	944.22	826.93	797.15	29.78	27.768		
6,500.00	6,412.83	7,977.48	7,107.22	17.87	21.46	106.00	-548.68	962.97	731.74	701.65	30.09	24.316		
6,600.00	6,511.38	7,958.73	7,107.71	18.19	21.31	102.11	-548.60	981.71	637.48	607.00	30.48	20.912		
6,700.00	6,609.92	7,939.98	7,108.21	18.51	21.16	97.88	-548.53	1,000.45	544.63	513.63	31.00	17.568		
6,800.00	6,708.16	7,919.68	7,108.74	18.84	21.00	105.49	-548.44	1,020.75	454.34	422.61	31.73	14.319		
6,900.00	6,803.11	7,886.58	7,109.61	19.25	20.74	115.53	-548.31	1,053.83	371.03	338.26	32.77	11.321		
7,000.00	6,892.11	7,839.14	7,110.86	19.76	20.42	116.91	-548.11	1,101.26	299.19	264.82	34.37	8.706		
7,100.00	6,972.96	7,778.53	7,112.45	20.36	20.03	112.67	-547.86	1,161.84	243.47	206.83	36.64	6.645		
7,200.00	7,043.67	7,706.25	7,114.35	21.07	19.65	103.98	-547.56	1,234.10	207.89	168.70	39.18	5.306		
7,300.00	7,102.50	7,624.07	7,116.51	21.87	19.32	92.53	-547.23	1,316.25	192.59	151.58	41.01	4.697		
7,355.52	7,129.49	7,574.75	7,117.07	22.37	19.18	85.83	-546.96	1,365.56	190.81	149.31	41.50	4.598	CC, ES, SF	
7,400.00	7,148.01	7,535.78	7,115.05	22.77	19.09	80.42	-546.55	1,404.47	191.89	150.21	41.68	4.604		
7,500.00	7,179.07	7,451.73	7,102.63	23.75	18.94	68.85	-545.01	1,487.52	201.37	159.84	41.53	4.849		
7,600.00	7,194.92	7,371.69	7,080.78	24.79	18.87	58.74	-542.73	1,564.43	218.19	177.29	40.90	5.335		
7,700.00	7,196.79	7,295.36	7,051.14	25.88	18.85	50.95	-539.85	1,634.66	240.07	199.91	40.17	5.977		
7,800.00	7,196.31	7,226.46	7,017.36	27.02	18.86	44.57	-536.69	1,694.59	272.13	232.91	39.22	6.939		
7,900.00	7,195.84	7,165.84	6,982.45	28.22	18.87	39.04	-533.51	1,744.02	315.47	277.22	38.26	8.246		
8,000.00	7,195.36	7,113.00	6,948.32	29.47	18.90	34.52	-530.45	1,784.22	368.81	331.32	37.49	9.839		
8,100.00	7,194.89	7,067.14	6,916.09	30.75	18.92	30.92	-527.59	1,816.70	430.39	393.44	36.95	11.647		
8,200.00	7,194.41	7,027.35	6,886.29	32.08	18.94	28.07	-524.97	1,842.94	498.58	461.96	36.62	13.614		
8,300.00	7,193.93	7,000.00	6,864.89	33.44	18.95	26.26	-523.11	1,859.86	572.07	535.52	36.55	15.653		
8,400.00	7,193.46	6,962.56	6,834.46	34.82	18.96	23.98	-520.47	1,881.51	649.52	613.17	36.35	17.867		
8,500.00	7,192.98	6,936.10	6,812.22	36.23	18.97	22.49	-518.55	1,895.70	730.37	694.04	36.33	20.102		
8,600.00	7,192.51	6,912.80	6,792.16	37.66	18.98	21.27	-516.82	1,907.42	813.87	777.52	36.35	22.389		
8,700.00	7,192.03	6,900.00	6,780.96	39.11	18.98	20.63	-515.86	1,913.55	899.63	863.16	36.47	24.667		
8,800.00	7,191.56	6,873.82	6,757.68	40.58	18.98	19.39	-513.87	1,925.36	987.00	950.55	36.46	27.073		
8,900.00	7,191.08	6,850.00	6,736.10	42.07	18.98	18.34	-512.03	1,935.27	1,076.01	1,039.54	36.47	29.504		
9,000.00	7,190.61	6,850.00	6,736.10	43.56	18.98	18.34	-512.03	1,935.27	1,166.18	1,129.52	36.66	31.813		
9,100.00	7,190.13	6,829.38	6,717.13	45.07	18.98	17.49	-510.42	1,943.18	1,257.34	1,220.66	36.68	34.276		
9,200.00	7,189.66	6,817.34	6,705.94	46.59	18.98	17.01	-509.47	1,947.52	1,349.46	1,312.70	36.77	36.705		
9,300.00	7,189.18	6,800.00	6,689.68	48.13	18.97	16.36	-508.10	1,953.39	1,442.39	1,405.58	36.81	39.182		
9,400.00	7,188.70	6,800.00	6,689.68	49.67	18.97	16.36	-508.10	1,953.39	1,535.91	1,498.95	36.95	41.563		
9,500.00	7,188.23	6,800.00	6,689.68	51.22	18.97	16.36	-508.10	1,953.39	1,630.19	1,593.11	37.08	43.959		
9,600.00	7,187.75	6,778.79	6,669.59	52.77	18.97	15.59	-506.40	1,959.96	1,724.64	1,687.54	37.10	46.484		
9,700.00	7,187.28	6,771.02	6,662.17	54.34	18.96	15.32	-505.78	1,962.20	1,819.71	1,782.52	37.19	48.934		
9,800.00	7,186.80	6,750.00	6,641.98	55.91	18.95	14.63	-504.08	1,967.80	1,915.36	1,878.15	37.21	51.471		
9,900.00	7,186.33	6,750.00	6,641.98	57.48	18.95	14.63	-504.08	1,967.80	2,011.02	1,973.69	37.33	53.872		
10,000.00	7,185.85	6,750.00	6,641.98	59.06	18.95	14.63	-504.08	1,967.80	2,107.08	2,069.64	37.44	56.274		
10,100.00	7,185.38	6,750.00	6,641.98	60.65	18.95	14.63	-504.08	1,967.80	2,203.49	2,165.94	37.55	58.676		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,184.90	6,750.00	6,641.98	62.24	18.95	14.63	-504.08	1,967.80	2,300.21	2,262.55	37.66	61.076	
10,300.00	7,184.42	6,750.00	6,641.98	63.83	18.95	14.63	-504.08	1,967.80	2,397.20	2,359.43	37.77	63.472	
10,400.00	7,183.95	6,730.07	6,622.68	65.43	18.94	14.00	-502.46	1,972.49	2,494.03	2,456.23	37.80	65.983	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.14	-2.17	919.59	919.59				
100.00	100.00	100.00	100.00	3.28	3.28	90.14	-2.17	919.59	919.59	912.06	7.53	122.142	
200.00	200.00	200.00	200.00	3.31	3.31	90.14	-2.17	919.59	919.59	912.02	7.57	121.416	
300.00	299.98	290.03	290.03	3.35	3.34	-17.89	-2.35	919.80	918.20	910.55	7.65	119.985	
400.00	399.84	370.12	370.09	3.41	3.39	-17.90	-3.76	921.54	915.38	907.63	7.75	118.049	
500.00	499.45	450.23	450.07	3.50	3.45	-17.88	-6.60	925.00	911.41	903.52	7.89	115.520	
600.00	598.70	530.35	529.91	3.62	3.52	-17.83	-10.85	930.19	906.30	898.23	8.06	112.425	
700.00	697.47	610.48	609.53	3.77	3.61	-17.75	-16.51	937.11	900.05	891.78	8.27	108.793	
800.00	796.01	690.69	688.95	3.96	3.72	-17.57	-23.59	945.77	894.64	886.13	8.52	105.043	
900.00	894.55	770.92	768.05	4.18	3.87	-17.29	-32.08	956.14	891.44	882.64	8.80	101.311	
992.76	985.95	845.25	840.98	4.40	4.02	-16.96	-41.19	967.27	890.47	881.38	9.09	97.945	
1,000.00	993.09	851.05	846.65	4.42	4.04	-16.93	-41.96	968.20	890.48	881.36	9.12	97.689	
1,100.00	1,091.63	943.57	936.97	4.68	4.27	-16.42	-54.65	983.71	891.33	881.83	9.51	93.761	
1,200.00	1,190.17	1,043.20	1,034.20	4.96	4.55	-15.88	-68.41	1,000.53	892.42	882.46	9.96	89.643	
1,300.00	1,288.71	1,142.82	1,131.43	5.25	4.85	-15.33	-82.18	1,017.35	893.58	883.15	10.43	85.643	
1,400.00	1,387.25	1,242.45	1,228.66	5.55	5.18	-14.78	-95.94	1,034.16	894.83	883.89	10.94	81.816	
1,500.00	1,485.79	1,342.08	1,325.88	5.87	5.53	-14.24	-109.71	1,050.98	896.15	884.69	11.46	78.189	
1,600.00	1,584.34	1,441.71	1,423.11	6.19	5.89	-13.70	-123.47	1,067.80	897.56	885.56	12.00	74.801	
1,700.00	1,682.88	1,541.33	1,520.34	6.52	6.26	-13.16	-137.24	1,084.62	899.05	886.50	12.55	71.615	
1,800.00	1,781.42	1,640.96	1,617.57	6.85	6.65	-12.62	-151.00	1,101.44	900.62	887.50	13.12	68.647	
1,900.00	1,879.96	1,740.59	1,714.79	7.04	7.04	-12.08	-164.77	1,118.26	902.27	888.92	13.35	67.575	
2,000.00	1,978.50	1,840.21	1,812.02	7.08	7.36	-11.55	-178.53	1,135.07	904.00	890.55	13.44	67.248	
2,100.00	2,077.04	1,939.84	1,909.25	7.13	7.52	-11.02	-192.29	1,151.89	905.80	892.23	13.57	66.735	
2,200.00	2,175.58	2,039.47	2,006.48	7.20	7.58	-10.49	-206.06	1,168.71	907.69	894.05	13.64	66.539	
2,300.00	2,274.12	2,139.09	2,103.71	7.29	7.65	-9.96	-219.82	1,185.53	909.65	895.91	13.74	66.191	
2,400.00	2,372.66	2,238.72	2,200.93	7.39	7.75	-9.43	-233.59	1,202.35	911.69	897.82	13.88	65.703	
2,500.00	2,471.20	2,338.35	2,298.16	7.51	7.87	-8.91	-247.35	1,219.17	913.81	899.77	14.04	65.085	
2,600.00	2,569.74	2,437.98	2,395.39	7.64	8.00	-8.39	-261.12	1,235.98	916.00	901.77	14.23	64.353	
2,700.00	2,668.28	2,537.60	2,492.62	7.78	8.14	-7.87	-274.88	1,252.80	918.27	903.82	14.46	63.521	
2,800.00	2,766.83	2,637.23	2,589.84	7.94	8.31	-7.35	-288.65	1,269.62	920.62	905.91	14.71	62.605	
2,900.00	2,865.37	2,736.86	2,687.07	8.11	8.48	-6.84	-302.41	1,286.44	923.04	908.06	14.98	61.620	
3,000.00	2,963.91	2,836.48	2,784.30	8.28	8.67	-6.33	-316.18	1,303.26	925.53	910.26	15.28	60.582	
3,100.00	3,062.45	2,936.11	2,881.53	8.47	8.88	-5.82	-329.94	1,320.08	928.10	912.50	15.60	59.503	
3,200.00	3,160.99	3,035.74	2,978.75	8.67	9.09	-5.32	-343.71	1,336.89	930.74	914.80	15.94	58.396	
3,300.00	3,259.53	3,135.36	3,075.98	8.88	9.32	-4.82	-357.47	1,353.71	933.45	917.16	16.30	57.271	
3,400.00	3,358.07	3,234.99	3,173.21	9.09	9.55	-4.32	-371.23	1,370.53	936.24	919.56	16.68	56.140	
3,500.00	3,456.61	3,334.62	3,270.44	9.31	9.80	-3.82	-385.00	1,387.35	939.09	922.02	17.07	55.009	
3,600.00	3,555.15	3,434.25	3,367.67	9.54	10.05	-3.33	-398.76	1,404.17	942.02	924.54	17.48	53.886	
3,700.00	3,653.69	3,533.87	3,464.89	9.78	10.31	-2.84	-412.53	1,420.99	945.02	927.11	17.91	52.777	
3,800.00	3,752.23	3,633.50	3,562.12	10.02	10.58	-2.35	-426.29	1,437.81	948.08	929.74	18.34	51.686	
3,900.00	3,850.77	3,733.13	3,659.35	10.27	10.86	-1.87	-440.06	1,454.62	951.21	932.42	18.79	50.617	
4,000.00	3,949.31	3,832.75	3,756.58	10.52	11.14	-1.39	-453.82	1,471.44	954.42	935.16	19.25	49.572	
4,100.00	4,047.86	3,932.38	3,853.80	10.78	11.43	-0.91	-467.59	1,488.26	957.68	937.96	19.72	48.554	
4,200.00	4,146.40	4,032.01	3,951.03	11.05	11.73	-0.44	-481.35	1,505.08	961.02	940.81	20.20	47.565	
4,300.00	4,244.94	4,131.64	4,048.26	11.31	12.03	0.04	-495.12	1,521.90	964.42	943.72	20.69	46.605	
4,400.00	4,343.48	4,231.26	4,145.49	11.59	12.33	0.50	-508.88	1,538.72	967.88	946.69	21.19	45.674	
4,500.00	4,442.02	4,330.89	4,242.71	11.86	12.64	0.97	-522.65	1,555.53	971.41	949.72	21.70	44.774	
4,600.00	4,540.56	4,430.52	4,339.94	12.14	12.95	1.43	-536.41	1,572.35	975.00	952.80	22.21	43.904	
4,700.00	4,639.10	4,530.14	4,437.17	12.42	13.27	1.88	-550.17	1,589.17	978.66	955.93	22.73	43.063	
4,800.00	4,737.64	4,629.77	4,534.40	12.71	13.59	2.34	-563.94	1,605.99	982.38	959.13	23.25	42.251	
4,900.00	4,836.18	4,729.40	4,631.63	13.00	13.91	2.79	-577.70	1,622.81	986.16	962.38	23.78	41.468	
5,000.00	4,934.72	4,829.02	4,728.85	13.29	14.24	3.24	-591.47	1,639.63	990.00	965.68	24.32	40.713	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	4,928.65	4,826.08	13.58	14.57	3.68	-605.23	1,656.44	993.90	969.04	24.86	39.985		
5,200.00	5,131.80	5,028.28	4,923.31	13.87	14.90	4.12	-619.00	1,673.26	997.86	972.46	25.40	39.284		
5,300.00	5,230.34	5,127.91	5,020.54	14.17	15.23	4.56	-632.76	1,690.08	1,001.88	975.93	25.95	38.607		
5,400.00	5,328.89	5,227.53	5,117.76	14.47	15.57	4.99	-646.53	1,706.90	1,005.95	979.45	26.50	37.956		
5,500.00	5,427.43	5,327.16	5,214.99	14.77	15.91	5.42	-660.29	1,723.72	1,010.09	983.03	27.06	37.327		
5,600.00	5,525.97	5,426.79	5,312.22	15.08	16.25	5.85	-674.06	1,740.54	1,014.28	986.65	27.62	36.722		
5,700.00	5,624.51	5,526.41	5,409.45	15.38	16.59	6.27	-687.82	1,757.35	1,018.52	990.34	28.18	36.138		
5,800.00	5,723.05	5,626.04	5,506.68	15.69	16.94	6.69	-701.59	1,774.17	1,022.82	994.07	28.75	35.575		
5,900.00	5,821.59	5,725.67	5,603.90	16.00	17.29	7.10	-715.35	1,790.99	1,027.18	997.86	29.32	35.032		
6,000.00	5,920.13	5,825.29	5,701.13	16.31	17.63	7.52	-729.11	1,807.81	1,031.59	1,001.69	29.89	34.509		
6,100.00	6,018.67	5,924.92	5,798.36	16.62	17.98	7.92	-742.88	1,824.63	1,036.05	1,005.58	30.47	34.004		
6,200.00	6,117.21	6,024.55	5,895.59	16.93	18.33	8.33	-756.64	1,841.45	1,040.56	1,009.52	31.05	33.517		
6,300.00	6,215.75	6,124.18	5,992.81	17.24	18.69	8.73	-770.41	1,858.26	1,045.13	1,013.50	31.63	33.046		
6,400.00	6,314.29	6,223.80	6,090.04	17.56	19.04	9.13	-784.17	1,875.08	1,049.75	1,017.54	32.21	32.592		
6,500.00	6,412.83	8,062.81	7,179.85	17.87	21.98	86.28	-951.27	956.24	994.62	961.91	32.71	30.405		
6,600.00	6,511.38	8,043.07	7,180.57	18.19	21.83	84.51	-951.15	975.97	917.52	884.01	33.51	27.377		
6,700.00	6,609.92	8,023.32	7,181.29	18.51	21.69	82.72	-951.02	995.70	844.77	810.31	34.46	24.518		
6,800.00	6,708.16	8,002.03	7,182.07	18.84	21.55	89.42	-950.89	1,016.97	777.81	742.26	35.54	21.884		
6,900.00	6,803.11	7,967.98	7,183.31	19.25	21.35	97.75	-950.67	1,051.00	720.00	683.26	36.74	19.598		
7,000.00	6,892.11	7,919.66	7,185.08	19.76	21.09	100.69	-950.37	1,099.29	673.42	635.46	37.96	17.741		
7,100.00	6,972.96	7,858.25	7,187.32	20.36	20.85	100.72	-949.98	1,160.66	638.70	599.54	39.16	16.309		
7,200.00	7,043.67	7,785.28	7,189.99	21.07	20.67	99.01	-949.52	1,233.58	615.11	574.84	40.27	15.276		
7,300.00	7,102.50	7,692.17	7,192.27	21.87	20.59	95.85	-948.77	1,326.64	600.46	559.28	41.18	14.581		
7,400.00	7,148.01	7,583.82	7,180.73	22.77	20.61	91.37	-945.87	1,434.21	590.00	547.95	42.04	14.033		
7,500.00	7,179.07	7,486.72	7,155.19	23.75	20.66	86.90	-941.12	1,527.67	583.18	540.09	43.09	13.533		
7,600.00	7,194.92	7,397.90	7,119.75	24.79	20.72	82.48	-935.09	1,608.81	580.20	535.99	44.21	13.123		
7,625.93	7,196.73	7,376.08	7,109.36	25.07	20.74	81.32	-933.38	1,627.92	580.06	535.55	44.51	13.032 CC, ES		
7,700.00	7,196.79	7,316.06	7,077.49	25.88	20.78	78.14	-928.22	1,678.49	581.04	535.71	45.33	12.818		
7,800.00	7,196.31	7,245.82	7,034.40	27.02	20.83	73.89	-921.40	1,733.50	588.05	541.66	46.39	12.677 SF		
7,900.00	7,195.84	7,186.95	6,993.85	28.22	20.86	69.96	-915.09	1,775.67	603.55	556.30	47.26	12.772		
8,000.00	7,195.36	7,137.69	6,957.06	29.47	20.89	66.48	-909.43	1,807.92	628.75	580.89	47.86	13.138		
8,100.00	7,194.89	7,100.00	6,927.31	30.75	20.90	63.75	-904.90	1,830.60	663.84	615.61	48.23	13.764		
8,200.00	7,194.41	7,061.38	6,895.49	32.08	20.91	60.92	-900.08	1,851.95	708.24	659.98	48.26	14.675		
8,300.00	7,193.93	7,031.63	6,870.15	33.44	20.91	58.73	-896.27	1,867.04	760.99	712.82	48.17	15.799		
8,400.00	7,193.46	7,000.00	6,842.46	34.82	20.91	56.42	-892.12	1,881.76	820.95	773.07	47.88	17.146		
8,500.00	7,192.98	6,984.04	6,828.22	36.23	20.90	55.27	-890.00	1,888.65	886.85	839.17	47.68	18.599		
8,600.00	7,192.51	6,964.81	6,810.85	37.66	20.90	53.89	-887.41	1,896.47	957.79	910.41	47.38	20.215		
8,700.00	7,192.03	6,950.00	6,797.31	39.11	20.89	52.84	-885.40	1,902.13	1,032.86	985.76	47.10	21.930		
8,800.00	7,191.56	6,933.02	6,781.64	40.58	20.89	51.65	-883.08	1,908.23	1,111.31	1,064.53	46.78	23.755		
8,900.00	7,191.08	6,919.77	6,769.29	42.07	20.88	50.73	-881.26	1,912.69	1,192.59	1,146.08	46.51	25.643		
9,000.00	7,190.61	6,900.00	6,750.71	43.56	20.87	49.38	-878.52	1,918.86	1,276.27	1,230.08	46.18	27.635		
9,100.00	7,190.13	6,900.00	6,750.71	45.07	20.87	49.38	-878.52	1,918.86	1,361.77	1,315.71	46.05	29.569		
9,200.00	7,189.66	6,900.00	6,750.71	46.59	20.87	49.38	-878.52	1,918.86	1,449.13	1,403.20	45.93	31.553		
9,300.00	7,189.18	6,878.92	6,730.70	48.13	20.85	47.97	-875.58	1,924.80	1,537.56	1,491.91	45.64	33.687		
9,400.00	7,188.70	6,870.96	6,723.10	49.67	20.85	47.45	-874.46	1,926.86	1,627.33	1,581.85	45.48	35.780		
9,500.00	7,188.23	6,850.00	6,702.95	51.22	20.83	46.09	-871.51	1,931.85	1,718.32	1,673.08	45.24	37.984		
9,600.00	7,187.75	6,850.00	6,702.95	52.77	20.83	46.09	-871.51	1,931.85	1,809.84	1,764.68	45.17	40.070		
9,700.00	7,187.28	6,850.00	6,702.95	54.34	20.83	46.09	-871.51	1,931.85	1,902.22	1,857.12	45.10	42.174		
9,800.00	7,186.80	6,850.00	6,702.95	55.91	20.83	46.09	-871.51	1,931.85	1,995.33	1,950.28	45.05	44.293		
9,900.00	7,186.33	6,850.00	6,702.95	57.48	20.83	46.09	-871.51	1,931.85	2,089.08	2,044.08	45.00	46.422		
10,000.00	7,185.85	6,850.00	6,702.95	59.06	20.83	46.09	-871.51	1,931.85	2,183.39	2,138.42	44.96	48.560		
10,100.00	7,185.38	6,830.50	6,684.07	60.65	20.81	44.86	-868.76	1,935.88	2,277.80	2,232.99	44.81	50.831		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,184.90	6,826.25	6,679.94	62.24	20.81	44.60	-868.15	1,936.68	2,372.85	2,328.08	44.76	53.007	
10,300.00	7,184.42	6,822.28	6,676.08	63.83	20.80	44.35	-867.59	1,937.40	2,468.25	2,423.52	44.73	55.184	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	90.52	-0.36	39.81	39.81				
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.36	39.81	39.81	32.29	7.53	5.288	
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.36	39.81	39.81	32.24	7.57	5.257	
300.00	299.98	298.92	298.90	3.35	3.35	-16.69	-1.44	41.14	39.50	31.85	7.65	5.162	
400.00	399.84	397.82	397.66	3.41	3.41	-14.25	-4.67	45.11	38.62	30.86	7.76	4.974	
500.00	499.45	496.67	496.14	3.50	3.49	-9.94	-10.03	51.73	37.32	29.40	7.91	4.715	
600.00	598.70	595.46	594.20	3.62	3.60	-3.46	-17.53	60.98	35.88	27.78	8.10	4.430	
700.00	697.47	694.16	691.71	3.77	3.76	5.47	-27.15	72.83	34.79	26.47	8.32	4.183	
708.82	706.16	702.85	700.28	3.79	3.77	6.36	-28.10	74.00	34.77	26.43	8.34	4.171 CC, ES	
800.00	796.01	806.62	789.24	3.96	3.98	15.83	-38.65	87.00	36.20	27.58	8.61	4.203	
900.00	894.55	893.15	887.24	4.18	4.18	25.14	-50.44	101.55	39.08	30.14	8.94	4.372	
1,000.00	993.09	1,007.08	985.23	4.42	4.47	33.01	-62.24	116.09	42.85	33.47	9.38	4.570	
1,100.00	1,091.63	1,107.31	1,083.23	4.68	4.75	39.51	-74.04	130.64	47.29	37.45	9.84	4.804	
1,200.00	1,190.17	1,207.54	1,181.23	4.96	5.05	44.83	-85.84	145.18	52.23	41.87	10.36	5.041	
1,300.00	1,288.71	1,292.23	1,279.22	5.25	5.32	49.21	-97.64	159.73	57.55	46.67	10.88	5.289	
1,400.00	1,387.25	1,407.99	1,377.22	5.55	5.69	52.84	-109.44	174.27	63.14	51.63	11.51	5.486	
1,500.00	1,485.79	1,508.22	1,475.22	5.87	6.03	55.86	-121.24	188.82	68.94	56.81	12.13	5.686	
1,600.00	1,584.34	1,591.55	1,573.22	6.19	6.32	58.41	-133.04	203.36	74.90	62.19	12.71	5.891	
1,700.00	1,682.88	1,708.68	1,671.21	6.52	6.74	60.58	-144.84	217.91	80.99	67.57	13.42	6.036	
1,800.00	1,781.42	1,808.91	1,769.21	6.85	7.08	62.44	-156.64	232.45	87.18	73.11	14.08	6.193	
1,900.00	1,879.96	1,909.14	1,867.21	7.04	7.27	64.06	-168.44	247.00	93.45	79.39	14.07	6.643	
2,000.00	1,978.50	1,990.63	1,965.20	7.08	7.30	65.47	-180.24	261.54	99.79	85.61	14.17	7.041	
2,100.00	2,077.04	2,109.60	2,063.20	7.13	7.38	66.71	-192.04	276.09	106.17	91.85	14.32	7.414	
2,200.00	2,175.58	2,209.83	2,161.20	7.20	7.46	67.81	-203.84	290.63	112.61	98.12	14.49	7.772	
2,300.00	2,274.12	2,289.94	2,259.20	7.29	7.53	68.79	-215.64	305.18	119.07	104.41	14.67	8.118	
2,400.00	2,372.66	2,389.71	2,357.19	7.39	7.64	69.68	-227.44	319.73	125.57	110.68	14.89	8.434	
2,500.00	2,471.20	2,489.49	2,455.19	7.51	7.77	70.47	-239.24	334.27	132.10	116.96	15.14	8.727	
2,600.00	2,569.74	2,589.26	2,553.19	7.64	7.90	71.19	-251.04	348.82	138.65	123.24	15.41	8.997	
2,700.00	2,668.28	2,689.03	2,651.19	7.78	8.06	71.84	-262.84	363.36	145.22	129.51	15.71	9.244	
2,800.00	2,766.83	2,788.80	2,749.18	7.94	8.22	72.44	-274.63	377.91	151.80	135.77	16.03	9.469	
2,900.00	2,865.37	2,888.57	2,847.18	8.11	8.40	72.99	-286.43	392.45	158.40	142.03	16.37	9.674	
3,000.00	2,963.91	2,988.34	2,945.18	8.28	8.59	73.49	-298.23	407.00	165.02	148.28	16.74	9.858	
3,100.00	3,062.45	3,088.11	3,043.17	8.47	8.79	73.96	-310.03	421.54	171.64	154.52	17.12	10.023	
3,200.00	3,160.99	3,187.88	3,141.17	8.67	9.00	74.39	-321.83	436.09	178.28	160.75	17.53	10.172	
3,300.00	3,259.53	3,287.65	3,239.17	8.88	9.22	74.79	-333.63	450.63	184.93	166.98	17.95	10.304	
3,400.00	3,358.07	3,387.42	3,337.17	9.09	9.44	75.16	-345.43	465.18	191.58	173.20	18.38	10.421	
3,500.00	3,456.61	3,487.19	3,435.16	9.31	9.68	75.50	-357.23	479.72	198.24	179.41	18.84	10.525	
3,600.00	3,555.15	3,586.97	3,533.16	9.54	9.92	75.83	-369.03	494.27	204.91	185.61	19.30	10.616	
3,700.00	3,653.69	3,686.74	3,631.16	9.78	10.17	76.13	-380.83	508.81	211.59	191.81	19.78	10.697	
3,800.00	3,752.23	3,786.51	3,729.15	10.02	10.43	76.42	-392.63	523.36	218.27	198.00	20.27	10.768	
3,900.00	3,850.77	3,886.28	3,827.15	10.27	10.69	76.69	-404.43	537.90	224.95	204.18	20.77	10.829	
4,000.00	3,949.31	3,986.05	3,925.15	10.52	10.96	76.94	-416.23	552.45	231.64	210.36	21.28	10.883	
4,100.00	4,047.86	4,085.82	4,023.15	10.78	11.23	77.18	-428.03	566.99	238.33	216.53	21.81	10.929	
4,200.00	4,146.40	4,185.59	4,121.14	11.05	11.51	77.40	-439.83	581.54	245.03	222.69	22.34	10.969	
4,300.00	4,244.94	4,285.36	4,219.14	11.31	11.79	77.62	-451.63	596.08	251.73	228.86	22.88	11.003	
4,400.00	4,343.48	4,385.13	4,317.14	11.59	12.08	77.82	-463.43	610.63	258.44	235.01	23.43	11.033	
4,500.00	4,442.02	4,484.90	4,415.13	11.86	12.37	78.01	-475.23	625.17	265.15	241.17	23.98	11.057	
4,600.00	4,540.56	4,584.68	4,513.13	12.14	12.66	78.19	-487.03	639.72	271.86	247.32	24.54	11.077	
4,700.00	4,639.10	4,684.45	4,611.13	12.42	12.96	78.37	-498.82	654.27	278.57	253.46	25.11	11.094	
4,800.00	4,737.64	4,784.22	4,709.13	12.71	13.26	78.53	-510.62	668.81	285.29	259.60	25.68	11.108	
4,900.00	4,836.18	4,883.99	4,807.12	13.00	13.56	78.69	-522.42	683.36	292.00	265.74	26.26	11.119	
5,000.00	4,934.72	4,983.76	4,905.12	13.29	13.87	78.84	-534.22	697.90	298.72	271.88	26.85	11.127	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,033.26	5,083.53	5,003.12	13.58	14.18	78.99	-546.02	712.45	305.45	278.01	27.44	11.133	
5,200.00	5,131.80	5,183.30	5,101.11	13.87	14.49	79.12	-557.82	726.99	312.17	284.14	28.03	11.137	
5,300.00	5,230.34	5,283.07	5,199.11	14.17	14.80	79.26	-569.62	741.54	318.89	290.27	28.63	11.139	
5,400.00	5,328.89	5,382.84	5,297.11	14.47	15.12	79.38	-581.42	756.08	325.62	296.39	29.23	11.139	
5,500.00	5,427.43	5,482.61	5,395.11	14.77	15.44	79.50	-593.22	770.63	332.35	302.51	29.84	11.139	
5,600.00	5,525.97	5,582.38	5,493.10	15.08	15.75	79.62	-605.02	785.17	339.08	308.63	30.45	11.137	
5,700.00	5,624.51	5,682.16	5,591.10	15.38	16.08	79.73	-616.82	799.72	345.81	314.75	31.06	11.134	
5,800.00	5,723.05	5,781.93	5,689.10	15.69	16.40	79.84	-628.62	814.26	352.55	320.87	31.68	11.130	
5,900.00	5,821.59	5,881.70	5,787.10	16.00	16.72	79.95	-640.42	828.81	359.28	326.98	32.30	11.125	
6,000.00	5,920.13	5,981.47	5,885.09	16.31	17.05	80.05	-652.22	843.35	366.01	333.10	32.92	11.119	
6,100.00	6,018.67	6,081.24	5,983.09	16.62	17.37	80.14	-664.02	857.90	372.75	339.21	33.54	11.113	
6,200.00	6,117.21	6,181.01	6,081.09	16.93	17.70	80.24	-675.82	872.44	379.49	345.32	34.17	11.106	
6,300.00	6,215.75	6,280.78	6,179.08	17.24	18.03	80.33	-687.62	886.99	386.23	351.43	34.80	11.099	
6,400.00	6,314.29	6,380.55	6,277.08	17.56	18.36	80.41	-699.42	901.53	392.96	357.54	35.43	11.091	
6,500.00	6,412.83	6,480.32	6,375.08	17.87	18.69	80.50	-711.22	916.08	399.70	363.64	36.06	11.083	
6,600.00	6,511.38	6,580.09	6,473.08	18.19	19.03	80.58	-723.02	930.62	406.45	369.75	36.70	11.075	
6,700.00	6,609.92	6,679.86	6,571.07	18.51	19.36	80.66	-734.81	945.17	413.19	375.85	37.34	11.067	
6,800.00	6,708.16	6,779.57	6,669.01	18.84	19.69	85.91	-746.61	959.71	420.18	382.18	38.00	11.057	
6,900.00	6,803.11	6,877.90	6,765.59	19.25	20.02	92.11	-758.24	974.04	429.49	390.63	38.86	11.053	
7,000.00	6,892.11	6,992.36	6,876.14	19.76	20.45	96.61	-771.51	999.88	440.76	400.80	39.96	11.030	
7,100.00	6,972.96	7,113.66	6,986.30	20.36	21.01	99.78	-784.65	1,048.49	451.72	410.54	41.18	10.970	
7,200.00	7,043.67	7,240.77	7,089.73	21.07	21.72	102.07	-796.88	1,120.98	461.54	419.07	42.47	10.868	
7,300.00	7,102.50	7,372.94	7,179.92	21.87	22.59	103.61	-807.42	1,216.69	469.44	425.62	43.82	10.712	
7,400.00	7,148.01	7,508.83	7,250.19	22.77	23.62	104.44	-815.48	1,332.42	474.76	429.49	45.27	10.488	
7,500.00	7,179.07	7,646.51	7,294.93	23.75	24.81	104.58	-820.39	1,462.25	477.08	430.21	46.87	10.180	
7,600.00	7,194.92	7,783.76	7,310.97	24.79	26.11	104.04	-821.80	1,598.29	476.28	427.62	48.66	9.788	
7,700.00	7,196.79	7,886.26	7,310.57	25.88	27.15	103.85	-821.36	1,700.79	475.29	424.50	50.79	9.359	
7,800.00	7,196.31	7,986.26	7,310.11	27.02	28.23	103.86	-820.92	1,800.79	474.96	421.96	53.00	8.961	
7,900.00	7,195.84	8,086.26	7,309.65	28.22	29.37	103.88	-820.48	1,900.78	474.64	419.31	55.33	8.578	
8,000.00	7,195.36	8,186.26	7,309.19	29.47	30.56	103.89	-820.04	2,000.78	474.31	416.56	57.75	8.213	
8,100.00	7,194.89	8,286.26	7,308.73	30.75	31.80	103.90	-819.59	2,100.78	473.99	413.73	60.25	7.867	
8,200.00	7,194.41	8,386.26	7,308.27	32.08	33.08	103.91	-819.15	2,200.78	473.66	410.84	62.82	7.539	
8,300.00	7,193.93	8,486.26	7,307.81	33.44	34.39	103.92	-818.71	2,300.77	473.33	407.87	65.46	7.231	
8,400.00	7,193.46	8,586.26	7,307.35	34.82	35.74	103.93	-818.27	2,400.77	473.01	404.85	68.15	6.940	
8,500.00	7,192.98	8,686.26	7,306.89	36.23	37.11	103.95	-817.83	2,500.77	472.68	401.79	70.90	6.667	
8,600.00	7,192.51	8,786.26	7,306.43	37.66	38.51	103.96	-817.38	2,600.77	472.36	398.67	73.68	6.411	
8,700.00	7,192.03	8,886.26	7,305.97	39.11	39.93	103.97	-816.94	2,700.76	472.03	395.52	76.51	6.170	
8,800.00	7,191.56	8,986.26	7,305.51	40.58	41.37	103.98	-816.50	2,800.76	471.71	392.34	79.37	5.943	
8,900.00	7,191.08	9,086.26	7,305.05	42.07	42.82	103.99	-816.06	2,900.76	471.38	389.12	82.26	5.730	
9,000.00	7,190.61	9,186.26	7,304.59	43.56	44.30	104.00	-815.62	3,000.76	471.06	385.87	85.18	5.530	
9,100.00	7,190.13	9,286.26	7,304.13	45.07	45.78	104.02	-815.18	3,100.75	470.73	382.60	88.13	5.342	
9,200.00	7,189.66	9,386.26	7,303.67	46.59	47.28	104.03	-814.73	3,200.75	470.41	379.31	91.09	5.164	
9,300.00	7,189.18	9,486.26	7,303.21	48.13	48.79	104.04	-814.29	3,300.75	470.08	376.00	94.08	4.996	
9,400.00	7,188.70	9,586.25	7,302.75	49.67	50.31	104.05	-813.85	3,400.74	469.76	372.67	97.09	4.838	
9,500.00	7,188.23	9,686.25	7,302.29	51.22	51.84	104.06	-813.41	3,500.74	469.43	369.32	100.11	4.689	
9,600.00	7,187.75	9,786.25	7,301.83	52.77	53.38	104.08	-812.97	3,600.74	469.11	365.95	103.15	4.548	
9,700.00	7,187.28	9,886.25	7,301.37	54.34	54.93	104.09	-812.52	3,700.74	468.78	362.58	106.20	4.414	
9,800.00	7,186.80	9,986.25	7,300.91	55.91	56.49	104.10	-812.08	3,800.73	468.45	359.19	109.27	4.287	
9,900.00	7,186.33	10,086.25	7,300.45	57.48	58.05	104.11	-811.64	3,900.73	468.13	355.78	112.35	4.167	
10,000.00	7,185.85	10,186.25	7,299.99	59.06	59.61	104.12	-811.20	4,000.73	467.80	352.37	115.43	4.053	
10,100.00	7,185.38	10,286.25	7,299.53	60.65	61.19	104.14	-810.76	4,100.73	467.48	348.95	118.53	3.944	
10,200.00	7,184.90	10,386.25	7,299.07	62.24	62.77	104.15	-810.32	4,200.72	467.15	345.52	121.64	3.841	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,184.42	10,486.25	7,298.61	63.83	64.35	104.16	-809.87	4,300.72	466.83	342.08	124.75	3.742	
10,400.00	7,183.95	10,586.25	7,298.15	65.43	65.94	104.17	-809.43	4,400.72	466.50	338.63	127.88	3.648	
10,500.00	7,183.47	10,686.25	7,297.69	67.04	67.53	104.18	-808.99	4,500.72	466.18	335.17	131.01	3.558	
10,600.00	7,183.00	10,786.25	7,297.23	68.64	69.12	104.20	-808.55	4,600.71	465.85	331.71	134.14	3.473	
10,700.00	7,182.52	10,886.25	7,296.77	70.25	70.72	104.21	-808.11	4,700.71	465.53	328.24	137.29	3.391	
10,800.00	7,182.05	10,986.25	7,296.31	71.86	72.32	104.22	-807.67	4,800.71	465.20	324.77	140.43	3.313	
10,900.00	7,181.57	11,086.25	7,295.85	73.48	73.93	104.23	-807.22	4,900.71	464.88	321.29	143.59	3.238	
11,000.00	7,181.10	11,186.25	7,295.39	75.09	75.54	104.24	-806.78	5,000.70	464.55	317.81	146.75	3.166	
11,100.00	7,180.62	11,286.25	7,294.93	76.71	77.15	104.26	-806.34	5,100.70	464.23	314.32	149.91	3.097	
11,200.00	7,180.15	11,386.24	7,294.47	78.33	78.76	104.27	-805.90	5,200.70	463.90	310.83	153.08	3.031	
11,300.00	7,179.67	11,486.24	7,294.01	79.96	80.38	104.28	-805.46	5,300.70	463.58	307.33	156.25	2.967	
11,400.00	7,179.19	11,586.24	7,293.55	81.58	82.00	104.29	-805.01	5,400.69	463.25	303.83	159.43	2.906	
11,500.00	7,178.72	11,686.24	7,293.09	83.21	83.62	104.30	-804.57	5,500.69	462.93	300.32	162.61	2.847	
11,600.00	7,178.24	11,786.24	7,292.63	84.84	85.24	104.32	-804.13	5,600.69	462.60	296.82	165.79	2.790	
11,700.00	7,177.77	11,886.24	7,292.17	86.47	86.87	104.33	-803.69	5,700.68	462.28	293.31	168.97	2.736	
11,800.00	7,177.29	11,986.24	7,291.71	88.11	88.49	104.34	-803.25	5,800.68	461.96	289.79	172.16	2.683	
11,900.00	7,176.82	12,086.24	7,291.25	89.74	90.12	104.35	-802.81	5,900.68	461.63	286.28	175.35	2.633	
12,000.00	7,176.34	12,186.24	7,290.79	91.38	91.75	104.37	-802.36	6,000.68	461.31	282.76	178.55	2.584	
12,100.00	7,175.87	12,286.24	7,290.33	93.01	93.38	104.38	-801.92	6,100.67	460.98	279.24	181.75	2.536	
12,200.00	7,175.39	12,386.24	7,289.87	94.65	95.01	104.39	-801.48	6,200.67	460.66	275.71	184.94	2.491	
12,300.00	7,174.91	12,486.24	7,289.41	96.29	96.65	104.40	-801.04	6,300.67	460.33	272.19	188.15	2.447	
12,400.00	7,174.44	12,586.24	7,288.95	97.93	98.28	104.42	-800.60	6,400.67	460.01	268.66	191.35	2.404	
12,500.00	7,173.96	12,686.24	7,288.49	99.57	99.92	104.43	-800.15	6,500.66	459.68	265.13	194.55	2.363	
12,600.00	7,173.49	12,786.24	7,288.03	101.21	101.56	104.44	-799.71	6,600.66	459.36	261.60	197.76	2.323	
12,700.00	7,173.01	12,886.24	7,287.57	102.86	103.20	104.45	-799.27	6,700.66	459.03	258.06	200.97	2.284	
12,800.00	7,172.54	12,986.24	7,287.11	104.50	104.84	104.47	-798.83	6,800.66	458.71	254.53	204.18	2.247	
12,900.00	7,172.06	13,086.23	7,286.65	106.15	106.48	104.48	-798.39	6,900.65	458.38	250.99	207.39	2.210	
13,000.00	7,171.59	13,186.23	7,286.19	107.79	108.12	104.49	-797.95	7,000.65	458.06	247.45	210.61	2.175	
13,100.00	7,171.11	13,286.23	7,285.73	109.44	109.76	104.50	-797.50	7,100.65	457.73	243.91	213.82	2.141	
13,200.00	7,170.64	13,386.23	7,285.27	111.09	111.41	104.52	-797.06	7,200.65	457.41	240.37	217.04	2.108	
13,300.00	7,170.16	13,486.23	7,284.81	112.74	113.05	104.53	-796.62	7,300.64	457.09	236.83	220.25	2.075	
13,400.00	7,169.68	13,586.23	7,284.35	114.39	114.70	104.54	-796.18	7,400.64	456.76	233.29	223.47	2.044	
13,500.00	7,169.21	13,686.23	7,283.89	116.04	116.34	104.55	-795.74	7,500.64	456.44	229.75	226.69	2.013	
13,600.00	7,168.73	13,786.23	7,283.43	117.69	117.99	104.57	-795.29	7,600.64	456.11	226.20	229.91	1.984	
13,700.00	7,168.26	13,886.23	7,282.97	119.34	119.64	104.58	-794.85	7,700.63	455.79	222.65	233.13	1.955	
13,800.00	7,167.78	13,986.23	7,282.51	120.99	121.28	104.59	-794.41	7,800.63	455.46	219.11	236.36	1.927	
13,900.00	7,167.31	14,086.23	7,282.05	122.64	122.93	104.60	-793.97	7,900.63	455.14	215.56	239.58	1.900	
14,000.00	7,166.83	14,186.23	7,281.59	124.29	124.58	104.62	-793.53	8,000.62	454.82	212.01	242.80	1.873	
14,100.00	7,166.36	14,286.23	7,281.13	125.95	126.23	104.63	-793.09	8,100.62	454.49	208.46	246.03	1.847	
14,200.00	7,165.88	14,386.23	7,280.67	127.60	127.88	104.64	-792.64	8,200.62	454.17	204.91	249.25	1.822	
14,300.00	7,165.40	14,486.23	7,280.21	129.26	129.53	104.65	-792.20	8,300.62	453.84	201.36	252.48	1.798	
14,400.00	7,164.93	14,586.23	7,279.75	130.91	131.19	104.67	-791.76	8,400.61	453.52	197.81	255.71	1.774	
14,500.00	7,164.45	14,686.23	7,279.29	132.57	132.84	104.68	-791.32	8,500.61	453.19	194.26	258.94	1.750	
14,600.00	7,163.98	14,786.23	7,278.83	134.22	134.49	104.69	-790.88	8,600.61	452.87	190.70	262.16	1.727	
14,700.00	7,163.50	14,886.22	7,278.37	135.88	136.14	104.71	-790.44	8,700.61	452.55	187.15	265.39	1.705	
14,800.00	7,163.03	14,986.22	7,277.91	137.54	137.80	104.72	-789.99	8,800.60	452.22	183.60	268.62	1.683	
14,900.00	7,162.55	15,086.22	7,277.45	139.19	139.45	104.73	-789.55	8,900.60	451.90	180.04	271.85	1.662	
15,000.00	7,162.08	15,186.22	7,276.99	140.85	141.11	104.74	-789.11	9,000.60	451.57	176.49	275.08	1.642	
15,100.00	7,161.60	15,286.22	7,276.53	142.51	142.76	104.76	-788.67	9,100.60	451.25	172.93	278.32	1.621	
15,200.00	7,161.13	15,386.22	7,276.07	144.17	144.42	104.77	-788.23	9,200.59	450.93	169.38	281.55	1.602	
15,300.00	7,160.65	15,486.22	7,275.61	145.82	146.07	104.78	-787.78	9,300.59	450.60	165.82	284.78	1.582	
15,400.00	7,160.17	15,586.22	7,275.15	147.48	147.73	104.80	-787.34	9,400.59	450.28	162.27	288.01	1.563	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,686.22	7,274.69	149.14	149.39	104.81	-786.90	9,500.59	449.95	158.71	291.24	1.545	
15,600.00	7,159.22	15,786.22	7,274.23	150.80	151.04	104.82	-786.46	9,600.58	449.63	155.15	294.48	1.527	
15,700.00	7,158.75	15,886.22	7,273.77	152.46	152.70	104.83	-786.02	9,700.58	449.31	151.60	297.71	1.509	
15,800.00	7,158.27	15,986.22	7,273.31	154.12	154.36	104.85	-785.58	9,800.58	448.98	148.04	300.94	1.492 Level 3	
15,900.00	7,157.80	16,086.22	7,272.85	155.78	156.02	104.86	-785.13	9,900.58	448.66	144.48	304.18	1.475 Level 3	
16,000.00	7,157.32	16,186.22	7,272.39	157.44	157.67	104.87	-784.69	10,000.57	448.33	140.92	307.41	1.458 Level 3	
16,100.00	7,156.85	16,286.22	7,271.93	159.10	159.33	104.89	-784.25	10,100.57	448.01	137.37	310.64	1.442 Level 3	
16,200.00	7,156.37	16,386.22	7,271.47	160.76	160.99	104.90	-783.81	10,200.57	447.69	133.81	313.88	1.426 Level 3	
16,300.00	7,155.89	16,486.22	7,271.01	162.42	162.65	104.91	-783.37	10,300.56	447.36	130.25	317.11	1.411 Level 3	
16,400.00	7,155.42	16,586.21	7,270.55	164.08	164.31	104.93	-782.92	10,400.56	447.04	126.69	320.35	1.395 Level 3	
16,500.00	7,154.94	16,686.21	7,270.09	165.75	165.97	104.94	-782.48	10,500.56	446.71	123.13	323.58	1.381 Level 3	
16,600.00	7,154.47	16,786.21	7,269.63	167.41	167.63	104.95	-782.04	10,600.56	446.39	119.57	326.82	1.366 Level 3	
16,700.00	7,153.99	16,886.21	7,269.17	169.07	169.29	104.97	-781.60	10,700.55	446.07	116.01	330.05	1.351 Level 3	
16,800.00	7,153.52	16,986.21	7,268.71	170.73	170.95	104.98	-781.16	10,800.55	445.74	112.45	333.29	1.337 Level 3	
16,900.00	7,153.04	17,086.21	7,268.25	172.39	172.61	104.99	-780.72	10,900.55	445.42	108.90	336.53	1.324 Level 3	
17,000.00	7,152.57	17,186.21	7,267.79	174.06	174.27	105.00	-780.27	11,000.55	445.10	105.34	339.76	1.310 Level 3	
17,100.00	7,152.09	17,286.21	7,267.33	175.72	175.93	105.02	-779.83	11,100.54	444.77	101.78	343.00	1.297 Level 3	
17,200.00	7,151.62	17,386.21	7,266.87	177.38	177.59	105.03	-779.39	11,200.54	444.45	98.22	346.23	1.284 Level 3	
17,300.00	7,151.14	17,486.21	7,266.41	179.05	179.25	105.04	-778.95	11,300.54	444.13	94.66	349.47	1.271 Level 3	
17,400.00	7,150.66	17,586.21	7,265.95	180.71	180.92	105.06	-778.51	11,400.54	443.80	91.10	352.70	1.258 Level 3	
17,500.00	7,150.19	17,686.21	7,265.49	182.37	182.58	105.07	-778.07	11,500.53	443.48	87.54	355.94	1.246 Level 2	
17,600.00	7,149.71	17,786.21	7,265.03	184.04	184.24	105.08	-777.62	11,600.53	443.16	83.98	359.18	1.234 Level 2	
17,700.00	7,149.24	17,886.21	7,264.57	185.70	185.90	105.10	-777.18	11,700.53	442.83	80.42	362.41	1.222 Level 2	
17,716.02	7,149.16	17,902.23	7,264.50	185.97	186.17	105.10	-777.11	11,716.55	442.78	79.85	362.93	1.220 Level 2, SF	
17,800.00	7,148.76	17,893.49	7,264.54	187.37	186.02	105.10	-777.15	11,707.81	452.12	93.13	358.99	1.259 Level 3	
17,900.00	7,148.29	17,893.49	7,264.54	189.03	186.02	105.10	-777.15	11,707.81	482.36	141.56	340.80	1.415 Level 3	
18,000.00	7,147.81	17,893.49	7,264.54	190.69	186.02	105.10	-777.15	11,707.81	530.02	215.53	314.49	1.685	
18,060.31	7,147.52	17,893.49	7,264.54	191.70	186.02	105.10	-777.15	11,707.81	565.41	267.97	297.45	1.901	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.70	-0.73	59.86	59.86				
100.00	100.00	100.00	100.00	3.28	3.28	90.70	-0.73	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	200.00	200.00	3.31	3.31	90.70	-0.73	59.86	59.86	52.29	7.57	7.904	
300.00	299.98	298.54	298.53	3.35	3.35	-16.64	-1.95	61.04	59.41	51.76	7.65	7.763	
400.00	399.84	397.05	396.89	3.41	3.41	-14.58	-5.60	64.56	58.10	50.34	7.77	7.483	
500.00	499.45	495.48	494.95	3.50	3.49	-10.95	-11.68	70.43	56.11	48.19	7.92	7.087	
600.00	598.70	593.78	592.54	3.62	3.60	-5.47	-20.17	78.63	53.73	45.62	8.11	6.628	
700.00	697.47	691.94	689.52	3.77	3.75	2.20	-31.04	89.13	51.50	43.18	8.33	6.184	
735.66	732.61	726.89	723.93	3.84	3.81	5.47	-35.48	93.42	51.22	42.80	8.42	6.086 CC, ES	
800.00	796.01	789.90	785.74	3.96	3.94	11.73	-44.26	101.90	52.19	43.62	8.58	6.085	
900.00	894.55	889.03	882.65	4.18	4.18	21.15	-59.28	116.40	56.64	47.74	8.90	6.361	
1,000.00	993.09	988.53	979.90	4.42	4.45	29.06	-74.41	131.01	62.47	53.17	9.30	6.719	
1,100.00	1,091.63	1,088.02	1,077.14	4.68	4.75	35.53	-89.53	145.61	69.28	59.53	9.75	7.109	
1,200.00	1,190.17	1,187.51	1,174.38	4.96	5.06	40.79	-104.66	160.22	76.81	66.57	10.24	7.500	
1,300.00	1,288.71	1,287.00	1,271.63	5.25	5.40	45.08	-119.78	174.82	84.87	74.09	10.78	7.874	
1,400.00	1,387.25	1,386.49	1,368.87	5.55	5.75	48.62	-134.90	189.43	93.32	81.97	11.35	8.223	
1,500.00	1,485.79	1,485.98	1,466.12	5.87	6.11	51.56	-150.03	204.04	102.07	90.12	11.95	8.542	
1,600.00	1,584.34	1,585.47	1,563.36	6.19	6.48	54.04	-165.15	218.64	111.04	98.47	12.57	8.832	
1,700.00	1,682.88	1,684.96	1,660.61	6.52	6.87	56.14	-180.28	233.25	120.19	106.97	13.22	9.094	
1,800.00	1,781.42	1,784.46	1,757.85	6.85	7.25	57.94	-195.40	247.85	129.47	115.60	13.88	9.331	
1,900.00	1,879.96	1,883.95	1,855.09	7.04	7.50	59.50	-210.52	262.46	138.87	124.97	13.89	9.994	
2,000.00	1,978.50	1,983.44	1,952.34	7.08	7.57	60.86	-225.65	277.06	148.35	134.33	14.02	10.578	
2,100.00	2,077.04	2,082.93	2,049.58	7.13	7.64	62.06	-240.77	291.67	157.91	143.75	14.16	11.152	
2,200.00	2,175.58	2,182.42	2,146.83	7.20	7.72	63.12	-255.90	306.27	167.52	153.20	14.32	11.696	
2,300.00	2,274.12	2,281.91	2,244.07	7.29	7.82	64.07	-271.02	320.88	177.19	162.68	14.52	12.206	
2,400.00	2,372.66	2,381.40	2,341.32	7.39	7.94	64.91	-286.14	335.48	186.90	172.17	14.74	12.681	
2,500.00	2,471.20	2,480.89	2,438.56	7.51	8.08	65.68	-301.27	350.09	196.65	181.66	14.99	13.120	
2,600.00	2,569.74	2,580.39	2,535.80	7.64	8.23	66.37	-316.39	364.69	206.43	191.17	15.26	13.524	
2,700.00	2,668.28	2,679.88	2,633.05	7.78	8.39	67.00	-331.52	379.30	216.24	200.67	15.57	13.892	
2,800.00	2,766.83	2,779.37	2,730.29	7.94	8.57	67.57	-346.64	393.90	226.07	210.18	15.89	14.227	
2,900.00	2,865.37	2,878.86	2,827.54	8.11	8.76	68.10	-361.76	408.51	235.92	219.68	16.24	14.529	
3,000.00	2,963.91	2,978.35	2,924.78	8.28	8.96	68.58	-376.89	423.11	245.79	229.18	16.61	14.801	
3,100.00	3,062.45	3,077.84	3,022.03	8.47	9.17	69.03	-392.01	437.72	255.67	238.68	17.00	15.043	
3,200.00	3,160.99	3,177.33	3,119.27	8.67	9.40	69.44	-407.14	452.32	265.57	248.17	17.40	15.260	
3,300.00	3,259.53	3,276.83	3,216.51	8.88	9.63	69.83	-422.26	466.93	275.48	257.65	17.83	15.452	
3,400.00	3,358.07	3,376.32	3,313.76	9.09	9.88	70.18	-437.38	481.53	285.40	267.13	18.27	15.622	
3,500.00	3,456.61	3,475.81	3,411.00	9.31	10.13	70.52	-452.51	496.14	295.34	276.61	18.73	15.771	
3,600.00	3,555.15	3,575.30	3,508.25	9.54	10.39	70.83	-467.63	510.74	305.28	286.08	19.20	15.902	
3,700.00	3,653.69	3,674.79	3,605.49	9.78	10.65	71.12	-482.76	525.35	315.23	295.55	19.68	16.017	
3,800.00	3,752.23	3,774.28	3,702.74	10.02	10.92	71.39	-497.88	539.95	325.19	305.01	20.18	16.116	
3,900.00	3,850.77	3,873.77	3,799.98	10.27	11.20	71.65	-513.01	554.56	335.16	314.47	20.69	16.202	
4,000.00	3,949.31	3,973.26	3,897.23	10.52	11.49	71.89	-528.13	569.17	345.13	323.92	21.20	16.277	
4,100.00	4,047.86	4,072.76	3,994.47	10.78	11.78	72.12	-543.25	583.77	355.10	333.37	21.73	16.341	
4,200.00	4,146.40	4,172.25	4,091.71	11.05	12.07	72.34	-558.38	598.38	365.09	342.82	22.27	16.395	
4,300.00	4,244.94	4,271.74	4,188.96	11.31	12.37	72.54	-573.50	612.98	375.07	352.26	22.81	16.441	
4,400.00	4,343.48	4,371.23	4,286.20	11.59	12.68	72.74	-588.63	627.59	385.07	361.70	23.37	16.479	
4,500.00	4,442.02	4,470.72	4,383.45	11.86	12.99	72.92	-603.75	642.19	395.06	371.14	23.93	16.510	
4,600.00	4,540.56	4,570.21	4,480.69	12.14	13.30	73.10	-618.87	656.80	405.06	380.57	24.50	16.536	
4,700.00	4,639.10	4,669.70	4,577.94	12.42	13.61	73.26	-634.00	671.40	415.07	390.00	25.07	16.557	
4,800.00	4,737.64	4,769.19	4,675.18	12.71	13.93	73.42	-649.12	686.01	425.07	399.42	25.65	16.572	
4,900.00	4,836.18	4,868.69	4,772.42	13.00	14.25	73.58	-664.25	700.61	435.08	408.85	26.23	16.584	
5,000.00	4,934.72	4,968.18	4,869.67	13.29	14.58	73.72	-679.37	715.22	445.10	418.27	26.83	16.592	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,033.26	5,067.67	4,966.91	13.58	14.90	73.86	-694.49	729.82	455.11	427.69	27.42	16.597		
5,200.00	5,131.80	5,167.16	5,064.16	13.87	15.23	73.99	-709.62	744.43	465.13	437.11	28.02	16.599		
5,300.00	5,230.34	5,266.65	5,161.40	14.17	15.56	74.12	-724.74	759.03	475.15	446.53	28.63	16.599		
5,400.00	5,328.89	5,366.14	5,258.65	14.47	15.90	74.24	-739.87	773.64	485.18	455.94	29.23	16.597		
5,500.00	5,427.43	5,465.63	5,355.89	14.77	16.23	74.36	-754.99	788.24	495.20	465.35	29.85	16.592		
5,600.00	5,525.97	5,565.12	5,453.13	15.08	16.57	74.47	-770.11	802.85	505.23	474.77	30.46	16.586		
5,700.00	5,624.51	5,664.62	5,550.38	15.38	16.91	74.58	-785.24	817.45	515.26	484.18	31.08	16.578		
5,800.00	5,723.05	5,764.11	5,647.62	15.69	17.25	74.68	-800.36	832.06	525.29	493.58	31.70	16.570		
5,900.00	5,821.59	5,863.60	5,744.87	16.00	17.59	74.78	-815.49	846.66	535.32	502.99	32.33	16.560		
6,000.00	5,920.13	5,963.09	5,842.11	16.31	17.94	74.88	-830.61	861.27	545.35	512.40	32.95	16.549		
6,100.00	6,018.67	6,062.58	5,939.36	16.62	18.28	74.97	-845.73	875.87	555.39	521.80	33.59	16.537		
6,200.00	6,117.21	6,162.07	6,036.60	16.93	18.63	75.06	-860.86	890.48	565.42	531.21	34.22	16.524		
6,300.00	6,215.75	6,261.56	6,133.85	17.24	18.98	75.15	-875.98	905.09	575.46	540.61	34.85	16.511		
6,400.00	6,314.29	6,361.05	6,231.09	17.56	19.32	75.23	-891.11	919.69	585.50	550.01	35.49	16.497		
6,500.00	6,412.83	6,460.55	6,328.33	17.87	19.67	75.31	-906.23	934.30	595.54	559.41	36.13	16.483		
6,600.00	6,511.38	6,560.04	6,425.58	18.19	20.03	75.39	-921.35	948.90	605.58	568.81	36.77	16.469		
6,700.00	6,609.92	6,665.08	6,527.45	18.51	20.41	75.06	-937.20	968.62	615.31	577.89	37.42	16.442		
6,800.00	6,708.16	6,769.45	6,624.34	18.84	20.86	78.29	-952.25	1,004.04	624.20	586.16	38.04	16.409		
6,900.00	6,803.11	6,870.24	6,711.28	19.25	21.38	80.70	-965.76	1,052.99	633.17	594.39	38.78	16.327		
7,000.00	6,892.11	6,968.06	6,787.34	19.76	21.95	80.33	-977.56	1,113.20	642.15	602.45	39.70	16.176		
7,100.00	6,972.96	7,063.24	6,851.77	20.36	22.57	79.14	-987.55	1,182.42	650.84	610.04	40.80	15.954		
7,200.00	7,043.67	7,156.09	6,904.13	21.07	23.23	77.69	-995.65	1,258.57	658.96	616.87	42.09	15.658		
7,300.00	7,102.50	7,246.92	6,944.23	21.87	23.94	76.23	-1,001.85	1,339.74	666.21	622.64	43.57	15.290		
7,400.00	7,148.01	7,336.01	6,972.09	22.77	24.69	74.87	-1,006.14	1,424.18	672.34	627.09	45.25	14.859		
7,500.00	7,179.07	7,423.64	6,987.88	23.75	25.48	73.67	-1,008.55	1,510.27	677.08	630.00	47.09	14.379		
7,600.00	7,194.92	7,511.62	6,991.94	24.79	26.31	72.68	-1,009.13	1,598.10	680.24	631.19	49.06	13.866		
7,700.00	7,196.79	7,611.55	6,991.41	25.88	27.30	72.44	-1,009.00	1,698.03	680.81	629.59	51.22	13.293		
7,800.00	7,196.31	7,711.55	6,990.88	27.02	28.37	72.44	-1,008.86	1,798.03	680.79	627.29	53.50	12.724		
7,900.00	7,195.84	7,811.55	6,990.35	28.22	29.50	72.43	-1,008.72	1,898.02	680.78	624.89	55.89	12.181		
8,000.00	7,195.36	7,911.55	6,989.82	29.47	30.69	72.43	-1,008.58	1,998.02	680.76	622.41	58.35	11.667		
8,100.00	7,194.89	8,011.55	6,989.29	30.75	31.92	72.42	-1,008.45	2,098.02	680.75	619.86	60.89	11.180		
8,200.00	7,194.41	8,111.55	6,988.76	32.08	33.19	72.42	-1,008.31	2,198.02	680.73	617.24	63.49	10.722		
8,300.00	7,193.93	8,211.55	6,988.23	33.44	34.50	72.41	-1,008.17	2,298.02	680.71	614.57	66.14	10.292		
8,400.00	7,193.46	8,311.55	6,987.70	34.82	35.84	72.41	-1,008.04	2,398.02	680.70	611.85	68.84	9.887		
8,500.00	7,192.98	8,411.55	6,987.17	36.23	37.21	72.40	-1,007.90	2,498.02	680.68	609.09	71.59	9.508		
8,600.00	7,192.51	8,511.55	6,986.64	37.66	38.60	72.40	-1,007.76	2,598.01	680.66	606.29	74.38	9.151		
8,700.00	7,192.03	8,611.55	6,986.11	39.11	40.02	72.39	-1,007.63	2,698.01	680.65	603.45	77.20	8.817		
8,800.00	7,191.56	8,711.55	6,985.58	40.58	41.46	72.38	-1,007.49	2,798.01	680.63	600.58	80.05	8.503		
8,900.00	7,191.08	8,811.55	6,985.05	42.07	42.91	72.38	-1,007.35	2,898.01	680.62	597.69	82.93	8.207		
9,000.00	7,190.61	8,911.55	6,984.52	43.56	44.38	72.37	-1,007.21	2,998.01	680.60	594.77	85.83	7.929		
9,100.00	7,190.13	9,011.55	6,983.99	45.07	45.87	72.37	-1,007.08	3,098.01	680.58	591.83	88.76	7.668		
9,200.00	7,189.66	9,111.55	6,983.46	46.59	47.36	72.36	-1,006.94	3,198.00	680.57	588.86	91.70	7.421		
9,300.00	7,189.18	9,211.55	6,982.93	48.13	48.87	72.36	-1,006.80	3,298.00	680.55	585.88	94.67	7.189		
9,400.00	7,188.70	9,311.55	6,982.40	49.67	50.39	72.35	-1,006.67	3,398.00	680.53	582.89	97.65	6.969		
9,500.00	7,188.23	9,411.55	6,981.87	51.22	51.92	72.35	-1,006.53	3,498.00	680.52	579.88	100.64	6.762		
9,600.00	7,187.75	9,511.55	6,981.34	52.77	53.46	72.34	-1,006.39	3,598.00	680.50	576.85	103.65	6.565		
9,700.00	7,187.28	9,611.55	6,980.81	54.34	55.01	72.34	-1,006.26	3,698.00	680.49	573.81	106.67	6.379		
9,800.00	7,186.80	9,711.55	6,980.28	55.91	56.56	72.33	-1,006.12	3,798.00	680.47	570.76	109.71	6.203		
9,900.00	7,186.33	9,811.55	6,979.75	57.48	58.12	72.33	-1,005.98	3,897.99	680.45	567.70	112.75	6.035		
10,000.00	7,185.85	9,911.55	6,979.22	59.06	59.69	72.32	-1,005.85	3,997.99	680.44	564.64	115.80	5.876		
10,100.00	7,185.38	10,011.55	6,978.69	60.65	61.26	72.32	-1,005.71	4,097.99	680.42	561.56	118.86	5.724		
10,200.00	7,184.90	10,111.55	6,978.16	62.24	62.84	72.31	-1,005.57	4,197.99	680.40	558.47	121.93	5.580		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,184.42	10,211.55	6,977.63	63.83	64.42	72.31	-1,005.43	4,297.99	680.39	555.38	125.01	5.443	
10,400.00	7,183.95	10,311.55	6,977.10	65.43	66.01	72.30	-1,005.30	4,397.99	680.37	552.28	128.10	5.311	
10,500.00	7,183.47	10,411.55	6,976.57	67.04	67.60	72.30	-1,005.16	4,497.99	680.36	549.17	131.19	5.186	
10,600.00	7,183.00	10,511.55	6,976.04	68.64	69.19	72.29	-1,005.02	4,597.98	680.34	546.05	134.29	5.066	
10,700.00	7,182.52	10,611.55	6,975.51	70.25	70.79	72.29	-1,004.89	4,697.98	680.32	542.93	137.39	4.952	
10,800.00	7,182.05	10,711.55	6,974.98	71.86	72.39	72.28	-1,004.75	4,797.98	680.31	539.81	140.50	4.842	
10,900.00	7,181.57	10,811.55	6,974.45	73.48	74.00	72.27	-1,004.61	4,897.98	680.29	536.68	143.61	4.737	
11,000.00	7,181.10	10,911.55	6,973.92	75.09	75.61	72.27	-1,004.48	4,997.98	680.28	533.55	146.73	4.636	
11,100.00	7,180.62	11,011.55	6,973.39	76.71	77.22	72.26	-1,004.34	5,097.98	680.26	530.41	149.85	4.540	
11,200.00	7,180.15	11,111.55	6,972.87	78.33	78.83	72.26	-1,004.20	5,197.97	680.24	527.27	152.98	4.447	
11,300.00	7,179.67	11,211.55	6,972.34	79.96	80.45	72.25	-1,004.07	5,297.97	680.23	524.12	156.11	4.357	
11,400.00	7,179.19	11,311.55	6,971.81	81.58	82.07	72.25	-1,003.93	5,397.97	680.21	520.97	159.24	4.272	
11,500.00	7,178.72	11,411.55	6,971.28	83.21	83.69	72.24	-1,003.79	5,497.97	680.19	517.82	162.38	4.189	
11,600.00	7,178.24	11,511.55	6,970.75	84.84	85.31	72.24	-1,003.65	5,597.97	680.18	514.66	165.52	4.109	
11,700.00	7,177.77	11,611.55	6,970.22	86.47	86.93	72.23	-1,003.52	5,697.97	680.16	511.50	168.66	4.033	
11,800.00	7,177.29	11,711.55	6,969.69	88.11	88.56	72.23	-1,003.38	5,797.97	680.15	508.34	171.81	3.959	
11,900.00	7,176.82	11,811.55	6,969.16	89.74	90.19	72.22	-1,003.24	5,897.96	680.13	505.18	174.95	3.887	
12,000.00	7,176.34	11,911.55	6,968.63	91.38	91.82	72.22	-1,003.11	5,997.96	680.11	502.01	178.11	3.819	
12,100.00	7,175.87	12,011.55	6,968.10	93.01	93.45	72.21	-1,002.97	6,097.96	680.10	498.84	181.26	3.752	
12,200.00	7,175.39	12,111.55	6,967.57	94.65	95.08	72.21	-1,002.83	6,197.96	680.08	495.67	184.41	3.688	
12,300.00	7,174.91	12,211.55	6,967.04	96.29	96.72	72.20	-1,002.70	6,297.96	680.07	492.49	187.57	3.626	
12,400.00	7,174.44	12,311.55	6,966.51	97.93	98.35	72.20	-1,002.56	6,397.96	680.05	489.32	190.73	3.566	
12,500.00	7,173.96	12,411.55	6,965.98	99.57	99.99	72.19	-1,002.42	6,497.95	680.03	486.14	193.89	3.507	
12,600.00	7,173.49	12,511.55	6,965.45	101.21	101.63	72.19	-1,002.28	6,597.95	680.02	482.96	197.05	3.451	
12,700.00	7,173.01	12,611.55	6,964.92	102.86	103.26	72.18	-1,002.15	6,697.95	680.00	479.78	200.22	3.396	
12,800.00	7,172.54	12,711.55	6,964.39	104.50	104.90	72.17	-1,002.01	6,797.95	679.99	476.60	203.39	3.343	
12,900.00	7,172.06	12,811.55	6,963.86	106.15	106.55	72.17	-1,001.87	6,897.95	679.97	473.42	206.55	3.292	
13,000.00	7,171.59	12,911.55	6,963.33	107.79	108.19	72.16	-1,001.74	6,997.95	679.95	470.23	209.72	3.242	
13,100.00	7,171.11	13,011.55	6,962.80	109.44	109.83	72.16	-1,001.60	7,097.95	679.94	467.04	212.89	3.194	
13,200.00	7,170.64	13,111.55	6,962.27	111.09	111.47	72.15	-1,001.46	7,197.94	679.92	463.86	216.07	3.147	
13,300.00	7,170.16	13,211.55	6,961.74	112.74	113.12	72.15	-1,001.33	7,297.94	679.91	460.67	219.24	3.101	
13,400.00	7,169.68	13,311.55	6,961.21	114.39	114.76	72.14	-1,001.19	7,397.94	679.89	457.48	222.41	3.057	
13,500.00	7,169.21	13,411.55	6,960.68	116.04	116.41	72.14	-1,001.05	7,497.94	679.87	454.29	225.59	3.014	
13,600.00	7,168.73	13,511.55	6,960.15	117.69	118.06	72.13	-1,000.92	7,597.94	679.86	451.09	228.77	2.972	
13,700.00	7,168.26	13,611.55	6,959.62	119.34	119.71	72.13	-1,000.78	7,697.94	679.84	447.90	231.94	2.931	
13,800.00	7,167.78	13,711.55	6,959.09	120.99	121.35	72.12	-1,000.64	7,797.94	679.83	444.70	235.12	2.891	
13,900.00	7,167.31	13,811.55	6,958.56	122.64	123.00	72.12	-1,000.50	7,897.93	679.81	441.51	238.30	2.853	
14,000.00	7,166.83	13,911.55	6,958.03	124.29	124.65	72.11	-1,000.37	7,997.93	679.79	438.31	241.48	2.815	
14,100.00	7,166.36	14,011.55	6,957.50	125.95	126.30	72.11	-1,000.23	8,097.93	679.78	435.12	244.66	2.778	
14,200.00	7,165.88	14,111.55	6,956.97	127.60	127.95	72.10	-1,000.09	8,197.93	679.76	431.92	247.84	2.743	
14,300.00	7,165.40	14,211.55	6,956.44	129.26	129.60	72.10	-999.96	8,297.93	679.75	428.72	251.03	2.708	
14,400.00	7,164.93	14,311.55	6,955.91	130.91	131.26	72.09	-999.82	8,397.93	679.73	425.52	254.21	2.674	
14,500.00	7,164.45	14,411.55	6,955.38	132.57	132.91	72.09	-999.68	8,497.92	679.71	422.32	257.40	2.641	
14,600.00	7,163.98	14,511.55	6,954.85	134.22	134.56	72.08	-999.55	8,597.92	679.70	419.12	260.58	2.608	
14,700.00	7,163.50	14,611.55	6,954.32	135.88	136.22	72.07	-999.41	8,697.92	679.68	415.92	263.77	2.577	
14,800.00	7,163.03	14,711.55	6,953.79	137.54	137.87	72.07	-999.27	8,797.92	679.67	412.71	266.95	2.546	
14,900.00	7,162.55	14,811.55	6,953.26	139.19	139.52	72.06	-999.13	8,897.92	679.65	409.51	270.14	2.516	
15,000.00	7,162.08	14,911.55	6,952.73	140.85	141.18	72.06	-999.00	8,997.92	679.63	406.31	273.33	2.487	
15,100.00	7,161.60	15,011.55	6,952.20	142.51	142.83	72.05	-998.86	9,097.92	679.62	403.10	276.51	2.458	
15,200.00	7,161.13	15,111.55	6,951.67	144.17	144.49	72.05	-998.72	9,197.91	679.60	399.90	279.70	2.430	
15,300.00	7,160.65	15,211.55	6,951.14	145.82	146.15	72.04	-998.59	9,297.91	679.59	396.70	282.89	2.402	
15,400.00	7,160.17	15,311.55	6,950.61	147.48	147.80	72.04	-998.45	9,397.91	679.57	393.49	286.08	2.375	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,411.55	6,950.08	149.14	149.46	72.03	-998.31	9,497.91	679.56	390.28	289.27	2.349	
15,600.00	7,159.22	15,511.55	6,949.55	150.80	151.12	72.03	-998.18	9,597.91	679.54	387.08	292.46	2.324	
15,700.00	7,158.75	15,611.55	6,949.02	152.46	152.77	72.02	-998.04	9,697.91	679.52	383.87	295.65	2.298	
15,800.00	7,158.27	15,711.55	6,948.49	154.12	154.43	72.02	-997.90	9,797.90	679.51	380.67	298.84	2.274	
15,900.00	7,157.80	15,811.55	6,947.96	155.78	156.09	72.01	-997.77	9,897.90	679.49	377.46	302.03	2.250	
16,000.00	7,157.32	15,911.55	6,947.43	157.44	157.75	72.01	-997.63	9,997.90	679.48	374.25	305.23	2.226	
16,100.00	7,156.85	16,011.55	6,946.90	159.10	159.41	72.00	-997.49	10,097.90	679.46	371.04	308.42	2.203	
16,200.00	7,156.37	16,111.55	6,946.37	160.76	161.07	72.00	-997.35	10,197.90	679.44	367.83	311.61	2.180	
16,300.00	7,155.89	16,211.55	6,945.84	162.42	162.73	71.99	-997.22	10,297.90	679.43	364.63	314.80	2.158	
16,400.00	7,155.42	16,311.55	6,945.31	164.08	164.38	71.99	-997.08	10,397.90	679.41	361.42	318.00	2.137	
16,500.00	7,154.94	16,411.55	6,944.78	165.75	166.04	71.98	-996.94	10,497.89	679.40	358.21	321.19	2.115	
16,600.00	7,154.47	16,511.55	6,944.25	167.41	167.70	71.97	-996.81	10,597.89	679.38	355.00	324.38	2.094	
16,700.00	7,153.99	16,611.55	6,943.72	169.07	169.36	71.97	-996.67	10,697.89	679.37	351.79	327.58	2.074	
16,800.00	7,153.52	16,711.55	6,943.19	170.73	171.03	71.96	-996.53	10,797.89	679.35	348.58	330.77	2.054	
16,900.00	7,153.04	16,811.55	6,942.66	172.39	172.69	71.96	-996.40	10,897.89	679.33	345.37	333.97	2.034	
17,000.00	7,152.57	16,911.55	6,942.13	174.06	174.35	71.95	-996.26	10,997.89	679.32	342.16	337.16	2.015	
17,100.00	7,152.09	17,011.55	6,941.60	175.72	176.01	71.95	-996.12	11,097.89	679.30	338.95	340.36	1.996	
17,200.00	7,151.62	17,111.55	6,941.07	177.38	177.67	71.94	-995.99	11,197.88	679.29	335.74	343.55	1.977	
17,300.00	7,151.14	17,211.55	6,940.54	179.05	179.33	71.94	-995.85	11,297.88	679.27	332.52	346.75	1.959	
17,400.00	7,150.66	17,311.55	6,940.01	180.71	180.99	71.93	-995.71	11,397.88	679.25	329.31	349.94	1.941	
17,500.00	7,150.19	17,411.55	6,939.48	182.37	182.66	71.93	-995.57	11,497.88	679.24	326.10	353.14	1.923	
17,600.00	7,149.71	17,511.55	6,938.95	184.04	184.32	71.92	-995.44	11,597.88	679.22	322.89	356.33	1.906	
17,697.63	7,149.25	17,609.18	6,938.43	185.66	185.94	71.92	-995.30	11,695.51	679.21	319.75	359.45	1.890 SF	
17,700.00	7,149.24	17,601.54	6,938.47	185.70	185.81	71.92	-995.31	11,687.87	679.28	319.83	359.45	1.890	
17,800.00	7,148.76	17,601.54	6,938.47	187.37	185.81	71.92	-995.31	11,687.87	688.04	330.29	357.75	1.923	
17,900.00	7,148.29	17,601.54	6,938.47	189.03	185.81	71.92	-995.31	11,687.87	710.90	361.66	349.24	2.036	
18,000.00	7,147.81	17,601.54	6,938.47	190.69	185.81	71.92	-995.31	11,687.87	746.57	410.95	335.62	2.224	
18,060.31	7,147.52	17,601.54	6,938.47	191.70	185.81	71.92	-995.31	11,687.87	773.55	447.77	325.78	2.374	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	91.04	-0.36	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	91.04	-0.36	20.05	20.05	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.31	3.31	91.04	-0.36	20.05	20.05	12.47	7.57	2.647	
300.00	299.98	299.39	299.37	3.35	3.35	-16.02	-1.22	21.54	19.90	12.25	7.65	2.600	
400.00	399.84	398.77	398.61	3.41	3.41	-13.14	-3.80	26.02	19.49	11.73	7.76	2.511	
500.00	499.45	498.14	497.60	3.50	3.49	-8.09	-8.08	33.49	18.93	11.02	7.91	2.393	
600.00	598.70	597.49	596.21	3.62	3.61	-0.60	-14.07	43.92	18.41	10.32	8.09	2.275	
672.96	670.83	669.96	667.85	3.73	3.72	6.43	-19.51	53.40	18.32	10.07	8.25	2.220	
700.00	697.47	696.81	694.32	3.77	3.76	9.39	-21.75	57.31	18.25	9.94	8.31	2.196 CC	
800.00	796.01	803.42	792.47	3.96	3.97	19.70	-30.68	72.88	19.76	11.14	8.62	2.293	
900.00	894.55	896.51	890.75	4.18	4.18	28.25	-39.68	88.55	21.92	12.95	8.97	2.443	
1,000.00	993.09	1,003.56	989.03	4.42	4.45	35.14	-48.67	104.23	24.48	15.06	9.41	2.600	
1,100.00	1,091.63	1,103.63	1,087.31	4.68	4.72	40.67	-57.67	119.91	27.32	17.43	9.89	2.762	
1,200.00	1,190.17	1,203.70	1,185.59	4.96	5.01	45.13	-66.67	135.58	30.36	19.95	10.41	2.916	
1,300.00	1,288.71	1,303.77	1,283.87	5.25	5.32	48.75	-75.66	151.26	33.56	22.59	10.97	3.060	
1,400.00	1,387.25	1,403.85	1,382.15	5.55	5.64	51.74	-84.66	166.93	36.86	25.31	11.55	3.191	
1,500.00	1,485.79	1,503.92	1,480.43	5.87	5.97	54.23	-93.65	182.61	40.25	28.09	12.16	3.310	
1,600.00	1,584.34	1,603.99	1,578.71	6.19	6.30	56.33	-102.65	198.28	43.71	30.91	12.79	3.417	
1,700.00	1,682.88	1,704.06	1,676.99	6.52	6.65	58.12	-111.64	213.96	47.21	33.77	13.44	3.513	
1,800.00	1,781.42	1,795.87	1,775.28	6.85	6.97	59.66	-120.64	229.63	50.75	36.68	14.07	3.606	
1,900.00	1,879.96	1,904.20	1,873.56	7.04	7.18	61.00	-129.64	245.31	54.33	40.25	14.08	3.858	
2,000.00	1,978.50	2,004.27	1,971.84	7.08	7.22	62.17	-138.63	260.99	57.93	43.74	14.19	4.084	
2,100.00	2,077.04	2,104.35	2,070.12	7.13	7.28	63.21	-147.63	276.66	61.55	47.24	14.32	4.299	
2,200.00	2,175.58	2,204.42	2,168.40	7.20	7.36	64.13	-156.62	292.34	65.19	50.71	14.48	4.503	
2,300.00	2,274.12	2,304.49	2,266.68	7.29	7.45	64.95	-165.62	308.01	68.85	54.18	14.67	4.694	
2,400.00	2,372.66	2,404.56	2,364.96	7.39	7.56	65.69	-174.61	323.69	72.52	57.63	14.88	4.872	
2,500.00	2,471.20	2,504.63	2,463.24	7.51	7.68	66.36	-183.61	339.36	76.20	61.07	15.13	5.037	
2,600.00	2,569.74	2,604.70	2,561.52	7.64	7.82	66.97	-192.61	355.04	79.88	64.49	15.40	5.188	
2,700.00	2,668.28	2,704.77	2,659.80	7.78	7.97	67.52	-201.60	370.71	83.58	67.89	15.69	5.326	
2,800.00	2,766.83	2,804.85	2,758.08	7.94	8.13	68.03	-210.60	386.39	87.28	71.27	16.01	5.452	
2,900.00	2,865.37	2,904.92	2,856.36	8.11	8.31	68.49	-219.59	402.07	90.99	74.65	16.35	5.566	
3,000.00	2,963.91	3,004.99	2,954.64	8.28	8.49	68.92	-228.59	417.74	94.71	78.00	16.71	5.668	
3,100.00	3,062.45	3,105.06	3,052.92	8.47	8.69	69.32	-237.58	433.42	98.43	81.34	17.09	5.759	
3,200.00	3,160.99	3,205.13	3,151.20	8.67	8.90	69.68	-246.58	449.09	102.16	84.67	17.49	5.841	
3,300.00	3,259.53	3,305.20	3,249.48	8.88	9.11	70.02	-255.57	464.77	105.88	87.98	17.91	5.914	
3,400.00	3,358.07	3,405.27	3,347.76	9.09	9.34	70.34	-264.57	480.44	109.62	91.28	18.34	5.978	
3,500.00	3,456.61	3,505.35	3,446.05	9.31	9.57	70.64	-273.57	496.12	113.35	94.57	18.78	6.034	
3,600.00	3,555.15	3,605.42	3,544.33	9.54	9.81	70.92	-282.56	511.80	117.09	97.84	19.25	6.084	
3,700.00	3,653.69	3,705.49	3,642.61	9.78	10.05	71.18	-291.56	527.47	120.83	101.11	19.72	6.128	
3,800.00	3,752.23	3,805.56	3,740.89	10.02	10.31	71.42	-300.55	543.15	124.57	104.37	20.20	6.166	
3,900.00	3,850.77	3,905.63	3,839.17	10.27	10.56	71.66	-309.55	558.82	128.32	107.62	20.70	6.198	
4,000.00	3,949.31	4,005.70	3,937.45	10.52	10.83	71.87	-318.54	574.50	132.07	110.86	21.21	6.227	
4,100.00	4,047.86	4,105.77	4,035.73	10.78	11.10	72.08	-327.54	590.17	135.82	114.09	21.73	6.251	
4,200.00	4,146.40	4,205.85	4,134.01	11.05	11.37	72.27	-336.54	605.85	139.57	117.31	22.25	6.272	
4,300.00	4,244.94	4,305.92	4,232.29	11.31	11.65	72.46	-345.53	621.52	143.32	120.53	22.79	6.289	
4,400.00	4,343.48	4,405.99	4,330.57	11.59	11.93	72.63	-354.53	637.20	147.07	123.74	23.33	6.304	
4,500.00	4,442.02	4,506.06	4,428.85	11.86	12.21	72.80	-363.52	652.88	150.83	126.95	23.88	6.316	
4,600.00	4,540.56	4,606.13	4,527.13	12.14	12.50	72.96	-372.52	668.55	154.58	130.15	24.44	6.326	
4,700.00	4,639.10	4,706.20	4,625.41	12.42	12.79	73.11	-381.51	684.23	158.34	133.34	25.00	6.334	
4,800.00	4,737.64	4,806.27	4,723.69	12.71	13.09	73.25	-390.51	699.90	162.10	136.53	25.57	6.340	
4,900.00	4,836.18	4,906.35	4,821.97	13.00	13.39	73.39	-399.50	715.58	165.86	139.72	26.14	6.345	
5,000.00	4,934.72	5,006.42	4,920.25	13.29	13.69	73.52	-408.50	731.25	169.62	142.90	26.72	6.348	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,100.00	5,033.26	5,106.49	5,018.53	13.58	13.99	73.65	-417.50	746.93	173.38	146.08	27.30	6.350		
5,200.00	5,131.80	5,193.44	5,116.81	13.87	14.26	73.77	-426.49	762.60	177.14	149.29	27.86	6.359		
5,300.00	5,230.34	5,306.63	5,215.10	14.17	14.61	73.88	-435.49	778.28	180.90	152.42	28.49	6.351		
5,400.00	5,328.89	5,406.70	5,313.38	14.47	14.92	73.99	-444.48	793.96	184.67	155.58	29.08	6.350		
5,500.00	5,427.43	5,506.78	5,411.66	14.77	15.23	74.10	-453.48	809.63	188.43	158.75	29.68	6.348		
5,600.00	5,525.97	5,606.85	5,509.94	15.08	15.54	74.20	-462.47	825.31	192.20	161.91	30.29	6.346		
5,700.00	5,624.51	5,706.92	5,608.22	15.38	15.86	74.30	-471.47	840.98	195.96	165.07	30.90	6.343		
5,800.00	5,723.05	5,806.99	5,706.50	15.69	16.17	74.39	-480.47	856.66	199.73	168.22	31.51	6.339		
5,900.00	5,821.59	5,907.06	5,804.78	16.00	16.49	74.49	-489.46	872.33	203.49	171.37	32.12	6.335		
6,000.00	5,920.13	6,007.13	5,903.06	16.31	16.81	74.57	-498.46	888.01	207.26	174.52	32.74	6.331		
6,100.00	6,018.67	6,107.20	6,001.34	16.62	17.13	74.66	-507.45	903.68	211.03	177.67	33.36	6.327		
6,200.00	6,117.21	6,207.28	6,099.62	16.93	17.46	74.74	-516.45	919.36	214.80	180.82	33.98	6.322		
6,300.00	6,215.75	6,307.35	6,197.90	17.24	17.78	74.82	-525.44	935.04	218.56	183.96	34.60	6.317		
6,400.00	6,314.29	6,407.42	6,296.18	17.56	18.11	74.89	-534.44	950.71	222.33	187.10	35.23	6.311		
6,500.00	6,412.83	6,507.49	6,394.46	17.87	18.43	74.97	-543.44	966.39	226.10	190.25	35.86	6.306		
6,600.00	6,511.38	6,607.56	6,492.74	18.19	18.76	75.04	-552.43	982.06	229.87	193.38	36.49	6.300		
6,700.00	6,609.92	6,692.60	6,591.24	18.51	19.04	75.09	-561.45	997.84	233.64	196.57	37.07	6.303		
6,800.00	6,708.16	6,794.31	6,689.24	18.84	19.42	78.36	-570.38	1,023.15	236.97	199.33	37.64	6.296		
6,900.00	6,803.11	6,894.37	6,780.52	19.25	19.89	80.71	-578.63	1,063.00	240.37	202.04	38.33	6.271		
7,000.00	6,892.11	6,992.91	6,863.28	19.76	20.44	80.29	-586.04	1,115.81	243.89	204.69	39.20	6.222		
7,100.00	6,972.96	7,090.06	6,935.97	20.36	21.07	79.04	-592.48	1,179.80	247.39	207.13	40.26	6.144		
7,200.00	7,043.67	7,185.94	6,997.39	21.07	21.77	77.55	-597.84	1,253.10	250.74	209.21	41.53	6.038		
7,300.00	7,102.50	7,280.67	7,046.65	21.87	22.54	76.05	-602.05	1,333.80	253.78	210.78	43.00	5.902		
7,400.00	7,148.01	7,374.40	7,083.14	22.77	23.37	74.66	-605.06	1,420.00	256.36	211.70	44.66	5.740		
7,500.00	7,179.07	7,467.29	7,106.48	23.75	24.27	73.43	-606.85	1,509.81	258.36	211.84	46.51	5.554		
7,600.00	7,194.92	7,559.50	7,116.56	24.79	25.20	72.42	-607.40	1,601.38	259.65	211.14	48.51	5.353		
7,700.00	7,196.79	7,657.16	7,116.75	25.88	26.24	72.05	-607.02	1,699.04	259.76	209.11	50.64	5.129		
7,800.00	7,196.31	7,757.16	7,116.40	27.02	27.36	72.06	-606.57	1,799.04	259.39	206.48	52.92	4.902		
7,900.00	7,195.84	7,857.16	7,116.05	28.22	28.54	72.06	-606.13	1,899.04	259.03	203.75	55.29	4.685		
8,000.00	7,195.36	7,957.16	7,115.70	29.47	29.77	72.07	-605.69	1,999.03	258.67	200.93	57.74	4.480		
8,100.00	7,194.89	8,057.16	7,115.36	30.75	31.04	72.07	-605.25	2,099.03	258.31	198.04	60.27	4.286		
8,200.00	7,194.41	8,157.16	7,115.01	32.08	32.35	72.07	-604.81	2,199.03	257.95	195.09	62.86	4.104		
8,300.00	7,193.93	8,257.16	7,114.66	33.44	33.70	72.08	-604.37	2,299.03	257.59	192.08	65.50	3.932		
8,400.00	7,193.46	8,357.16	7,114.31	34.82	35.07	72.08	-603.92	2,399.02	257.22	189.02	68.20	3.772		
8,500.00	7,192.98	8,457.16	7,113.96	36.23	36.47	72.08	-603.48	2,499.02	256.86	185.92	70.94	3.621		
8,600.00	7,192.51	8,557.16	7,113.61	37.66	37.89	72.09	-603.04	2,599.02	256.50	182.78	73.72	3.479		
8,700.00	7,192.03	8,657.16	7,113.26	39.11	39.33	72.09	-602.60	2,699.02	256.14	179.60	76.54	3.346		
8,800.00	7,191.56	8,757.16	7,112.91	40.58	40.79	72.09	-602.16	2,799.02	255.78	176.39	79.39	3.222		
8,900.00	7,191.08	8,857.16	7,112.56	42.07	42.27	72.10	-601.71	2,899.01	255.42	173.15	82.26	3.105		
9,000.00	7,190.61	8,957.16	7,112.21	43.56	43.76	72.10	-601.27	2,999.01	255.05	169.89	85.16	2.995		
9,100.00	7,190.13	9,057.16	7,111.86	45.07	45.26	72.10	-600.83	3,099.01	254.69	166.61	88.09	2.891		
9,200.00	7,189.66	9,157.15	7,111.51	46.59	46.78	72.11	-600.39	3,199.01	254.33	163.30	91.03	2.794		
9,300.00	7,189.18	9,257.15	7,111.17	48.13	48.31	72.11	-599.95	3,299.00	253.97	159.98	93.99	2.702		
9,400.00	7,188.70	9,357.15	7,110.82	49.67	49.84	72.11	-599.51	3,399.00	253.61	156.64	96.97	2.615		
9,500.00	7,188.23	9,457.15	7,110.47	51.22	51.38	72.12	-599.06	3,499.00	253.25	153.28	99.97	2.533		
9,600.00	7,187.75	9,557.15	7,110.12	52.77	52.94	72.12	-598.62	3,599.00	252.88	149.91	102.97	2.456		
9,700.00	7,187.28	9,657.15	7,109.77	54.34	54.50	72.13	-598.18	3,698.99	252.52	146.53	105.99	2.382		
9,800.00	7,186.80	9,757.15	7,109.42	55.91	56.06	72.13	-597.74	3,798.99	252.16	143.13	109.03	2.313		
9,900.00	7,186.33	9,857.15	7,109.07	57.48	57.63	72.13	-597.30	3,898.99	251.80	139.73	112.07	2.247		
10,000.00	7,185.85	9,957.15	7,108.72	59.06	59.21	72.14	-596.85	3,998.99	251.44	136.31	115.13	2.184		
10,100.00	7,185.38	10,057.15	7,108.37	60.65	60.79	72.14	-596.41	4,098.99	251.08	132.89	118.19	2.124		
10,200.00	7,184.90	10,157.15	7,108.02	62.24	62.38	72.14	-595.97	4,198.98	250.71	129.45	121.26	2.068		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,184.42	10,257.15	7,107.67	63.83	63.97	72.15	-595.53	4,298.98	250.35	126.01	124.34	2.013	
10,400.00	7,183.95	10,357.15	7,107.33	65.43	65.57	72.15	-595.09	4,398.98	249.99	122.56	127.43	1.962	
10,500.00	7,183.47	10,457.15	7,106.98	67.04	67.17	72.16	-594.64	4,498.98	249.63	119.11	130.52	1.913	
10,600.00	7,183.00	10,557.15	7,106.63	68.64	68.77	72.16	-594.20	4,598.97	249.27	115.65	133.62	1.866	
10,700.00	7,182.52	10,657.14	7,106.28	70.25	70.38	72.16	-593.76	4,698.97	248.91	112.18	136.73	1.820	
10,800.00	7,182.05	10,757.14	7,105.93	71.86	71.99	72.17	-593.32	4,798.97	248.54	108.71	139.84	1.777	
10,900.00	7,181.57	10,857.14	7,105.58	73.48	73.60	72.17	-592.88	4,898.97	248.18	105.23	142.95	1.736	
11,000.00	7,181.10	10,957.14	7,105.23	75.09	75.21	72.17	-592.44	4,998.97	247.82	101.75	146.07	1.697	
11,100.00	7,180.62	11,057.14	7,104.88	76.71	76.83	72.18	-591.99	5,098.96	247.46	98.26	149.20	1.659	
11,200.00	7,180.15	11,157.14	7,104.53	78.33	78.45	72.18	-591.55	5,198.96	247.10	94.77	152.33	1.622	
11,300.00	7,179.67	11,257.14	7,104.18	79.96	80.07	72.19	-591.11	5,298.96	246.74	91.27	155.46	1.587	
11,400.00	7,179.19	11,357.14	7,103.83	81.58	81.70	72.19	-590.67	5,398.96	246.37	87.77	158.60	1.553	
11,500.00	7,178.72	11,457.14	7,103.48	83.21	83.32	72.19	-590.23	5,498.95	246.01	84.27	161.74	1.521	
11,600.00	7,178.24	11,557.14	7,103.14	84.84	84.95	72.20	-589.78	5,598.95	245.65	80.76	164.89	1.490	Level 3
11,700.00	7,177.77	11,657.14	7,102.79	86.47	86.58	72.20	-589.34	5,698.95	245.29	77.25	168.04	1.460	Level 3
11,800.00	7,177.29	11,757.14	7,102.44	88.11	88.21	72.21	-588.90	5,798.95	244.93	73.74	171.19	1.431	Level 3
11,900.00	7,176.82	11,857.14	7,102.09	89.74	89.84	72.21	-588.46	5,898.95	244.57	70.22	174.34	1.403	Level 3
12,000.00	7,176.34	11,957.14	7,101.74	91.38	91.48	72.21	-588.02	5,998.94	244.20	66.71	177.50	1.376	Level 3
12,100.00	7,175.87	12,057.14	7,101.39	93.01	93.11	72.22	-587.57	6,098.94	243.84	63.19	180.66	1.350	Level 3
12,200.00	7,175.39	12,157.14	7,101.04	94.65	94.75	72.22	-587.13	6,198.94	243.48	59.66	183.82	1.325	Level 3
12,300.00	7,174.91	12,257.13	7,100.69	96.29	96.38	72.22	-586.69	6,298.94	243.12	56.14	186.98	1.300	Level 3
12,400.00	7,174.44	12,357.13	7,100.34	97.93	98.02	72.23	-586.25	6,398.93	242.76	52.61	190.15	1.277	Level 3
12,500.00	7,173.96	12,457.13	7,099.99	99.57	99.66	72.23	-585.81	6,498.93	242.40	49.08	193.32	1.254	Level 3
12,600.00	7,173.49	12,557.13	7,099.64	101.21	101.30	72.24	-585.37	6,598.93	242.03	45.55	196.49	1.232	Level 2
12,700.00	7,173.01	12,657.13	7,099.30	102.86	102.95	72.24	-584.92	6,698.93	241.67	42.01	199.66	1.210	Level 2
12,800.00	7,172.54	12,757.13	7,098.95	104.50	104.59	72.24	-584.48	6,798.93	241.31	38.48	202.83	1.190	Level 2
12,900.00	7,172.06	12,857.13	7,098.60	106.15	106.23	72.25	-584.04	6,898.92	240.95	34.94	206.01	1.170	Level 2
13,000.00	7,171.59	12,957.13	7,098.25	107.79	107.88	72.25	-583.60	6,998.92	240.59	31.40	209.19	1.150	Level 2
13,100.00	7,171.11	13,057.13	7,097.90	109.44	109.52	72.26	-583.16	7,098.92	240.23	27.86	212.36	1.131	Level 2
13,200.00	7,170.64	13,157.13	7,097.55	111.09	111.17	72.26	-582.71	7,198.92	239.86	24.32	215.55	1.113	Level 2
13,300.00	7,170.16	13,257.13	7,097.20	112.74	112.82	72.26	-582.27	7,298.91	239.50	20.78	218.73	1.095	Level 2
13,400.00	7,169.68	13,357.13	7,096.85	114.39	114.47	72.27	-581.83	7,398.91	239.14	17.23	221.91	1.078	Level 2
13,500.00	7,169.21	13,457.13	7,096.50	116.04	116.12	72.27	-581.39	7,498.91	238.78	13.68	225.10	1.061	Level 2
13,600.00	7,168.73	13,557.13	7,096.15	117.69	117.76	72.28	-580.95	7,598.91	238.42	10.14	228.28	1.044	Level 2
13,700.00	7,168.26	13,657.13	7,095.80	119.34	119.41	72.28	-580.50	7,698.91	238.06	6.59	231.47	1.028	Level 2
13,800.00	7,167.78	13,757.12	7,095.45	120.99	121.07	72.29	-580.06	7,798.90	237.69	3.04	234.66	1.013	Level 2
13,900.00	7,167.31	13,857.12	7,095.11	122.64	122.72	72.29	-579.62	7,898.90	237.33	-0.52	237.85	0.998	Level 1
14,000.00	7,166.83	13,957.12	7,094.76	124.29	124.37	72.29	-579.18	7,998.90	236.97	-4.07	241.04	0.983	Level 1
14,100.00	7,166.36	14,057.12	7,094.41	125.95	126.02	72.30	-578.74	8,098.90	236.61	-7.62	244.23	0.969	Level 1
14,200.00	7,165.88	14,157.12	7,094.06	127.60	127.67	72.30	-578.30	8,198.89	236.25	-11.18	247.42	0.955	Level 1
14,300.00	7,165.40	14,257.12	7,093.71	129.26	129.33	72.31	-577.85	8,298.89	235.89	-14.73	250.62	0.941	Level 1
14,400.00	7,164.93	14,357.12	7,093.36	130.91	130.98	72.31	-577.41	8,398.89	235.52	-18.29	253.81	0.928	Level 1
14,500.00	7,164.45	14,457.12	7,093.01	132.57	132.64	72.31	-576.97	8,498.89	235.16	-21.85	257.01	0.915	Level 1
14,600.00	7,163.98	14,557.12	7,092.66	134.22	134.29	72.32	-576.53	8,598.89	234.80	-25.41	260.21	0.902	Level 1
14,700.00	7,163.50	14,657.12	7,092.31	135.88	135.95	72.32	-576.09	8,698.88	234.44	-28.97	263.41	0.890	Level 1
14,800.00	7,163.03	14,757.12	7,091.96	137.54	137.60	72.33	-575.64	8,798.88	234.08	-32.53	266.60	0.878	Level 1
14,900.00	7,162.55	14,857.12	7,091.61	139.19	139.26	72.33	-575.20	8,898.88	233.72	-36.09	269.80	0.866	Level 1
15,000.00	7,162.08	14,957.12	7,091.27	140.85	140.91	72.34	-574.76	8,998.88	233.35	-39.65	273.01	0.855	Level 1
15,100.00	7,161.60	15,057.12	7,090.92	142.51	142.57	72.34	-574.32	9,098.87	232.99	-43.21	276.21	0.844	Level 1
15,200.00	7,161.13	15,157.12	7,090.57	144.17	144.23	72.34	-573.88	9,198.87	232.63	-46.78	279.41	0.833	Level 1
15,300.00	7,160.65	15,257.11	7,090.22	145.82	145.88	72.35	-573.43	9,298.87	232.27	-50.34	282.61	0.822	Level 1
15,400.00	7,160.17	15,357.11	7,089.87	147.48	147.54	72.35	-572.99	9,398.87	231.91	-53.91	285.82	0.811	Level 1

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,159.70	15,457.11	7,089.52	149.14	149.20	72.36	-572.55	9,498.87	231.55	-57.47	289.02	0.801	Level 1
15,600.00	7,159.22	15,557.11	7,089.17	150.80	150.86	72.36	-572.11	9,598.86	231.18	-61.04	292.22	0.791	Level 1
15,700.00	7,158.75	15,657.11	7,088.82	152.46	152.52	72.37	-571.67	9,698.86	230.82	-64.61	295.43	0.781	Level 1
15,800.00	7,158.27	15,757.11	7,088.47	154.12	154.18	72.37	-571.23	9,798.86	230.46	-68.18	298.64	0.772	Level 1
15,900.00	7,157.80	15,857.11	7,088.12	155.78	155.84	72.38	-570.78	9,898.86	230.10	-71.74	301.84	0.762	Level 1
16,000.00	7,157.32	15,957.11	7,087.77	157.44	157.50	72.38	-570.34	9,998.85	229.74	-75.31	305.05	0.753	Level 1
16,100.00	7,156.85	16,057.11	7,087.42	159.10	159.16	72.38	-569.90	10,098.85	229.38	-78.88	308.26	0.744	Level 1
16,200.00	7,156.37	16,157.11	7,087.08	160.76	160.82	72.39	-569.46	10,198.85	229.02	-82.45	311.47	0.735	Level 1
16,300.00	7,155.89	16,257.11	7,086.73	162.42	162.48	72.39	-569.02	10,298.85	228.65	-86.02	314.68	0.727	Level 1
16,400.00	7,155.42	16,357.11	7,086.38	164.08	164.14	72.40	-568.57	10,398.84	228.29	-89.60	317.89	0.718	Level 1
16,500.00	7,154.94	16,457.11	7,086.03	165.75	165.80	72.40	-568.13	10,498.84	227.93	-93.17	321.10	0.710	Level 1
16,600.00	7,154.47	16,557.11	7,085.68	167.41	167.46	72.41	-567.69	10,598.84	227.57	-96.74	324.31	0.702	Level 1
16,700.00	7,153.99	16,657.11	7,085.33	169.07	169.12	72.41	-567.25	10,698.84	227.21	-100.31	327.52	0.694	Level 1
16,800.00	7,153.52	16,757.11	7,084.98	170.73	170.78	72.42	-566.81	10,798.84	226.85	-103.89	330.73	0.686	Level 1
16,900.00	7,153.04	16,857.10	7,084.63	172.39	172.44	72.42	-566.36	10,898.83	226.48	-107.46	333.95	0.678	Level 1
17,000.00	7,152.57	16,957.10	7,084.28	174.06	174.11	72.42	-565.92	10,998.83	226.12	-111.04	337.16	0.671	Level 1
17,100.00	7,152.09	17,057.10	7,083.93	175.72	175.77	72.43	-565.48	11,098.83	225.76	-114.61	340.37	0.663	Level 1
17,200.00	7,151.62	17,157.10	7,083.58	177.38	177.43	72.43	-565.04	11,198.83	225.40	-118.19	343.59	0.656	Level 1
17,300.00	7,151.14	17,257.10	7,083.24	179.05	179.09	72.44	-564.60	11,298.82	225.04	-121.77	346.80	0.649	Level 1
17,400.00	7,150.66	17,357.10	7,082.89	180.71	180.75	72.44	-564.16	11,398.82	224.68	-125.34	350.02	0.642	Level 1
17,500.00	7,150.19	17,457.10	7,082.54	182.37	182.42	72.45	-563.71	11,498.82	224.31	-128.92	353.23	0.635	Level 1
17,600.00	7,149.71	17,557.10	7,082.19	184.04	184.08	72.45	-563.27	11,598.82	223.95	-132.50	356.45	0.628	Level 1
17,700.00	7,149.24	17,657.10	7,081.84	185.70	185.74	72.46	-562.83	11,698.82	223.59	-136.08	359.67	0.622	Level 1
17,800.00	7,148.76	17,757.10	7,081.49	187.37	187.41	72.46	-562.39	11,798.81	223.23	-139.65	362.88	0.615	Level 1
17,900.00	7,148.29	17,857.10	7,081.14	189.03	189.07	72.47	-561.95	11,898.81	222.87	-143.23	366.10	0.609	Level 1
18,000.00	7,147.81	17,957.10	7,080.79	190.69	190.73	72.47	-561.50	11,998.81	222.51	-146.81	369.32	0.602	Level 1
18,047.51	7,147.59	18,004.60	7,080.63	191.48	191.52	72.47	-561.29	12,046.31	222.33	-148.51	370.85	0.600	Level 1, ES, SF
18,060.31	7,147.52	17,997.31	7,080.65	191.70	191.40	72.47	-561.33	12,039.03	223.19	-146.81	370.00	0.603	Level 1

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,836.18	14,630.49	7,135.34	13.00	225.71	97.51	-1,215.22	671.48	2,423.12	2,297.76	125.36	19.330		
5,000.00	4,934.72	14,648.79	7,135.73	13.29	226.25	96.53	-1,215.27	689.77	2,331.50	2,203.33	128.17	18.191		
5,100.00	5,033.26	14,667.08	7,136.12	13.58	226.79	95.54	-1,215.32	708.07	2,240.45	2,109.25	131.20	17.077		
5,200.00	5,131.80	14,685.38	7,136.51	13.87	227.32	94.53	-1,215.36	726.36	2,150.04	2,015.56	134.47	15.988		
5,300.00	5,230.34	14,703.68	7,136.90	14.17	227.86	93.50	-1,215.41	744.65	2,060.35	1,922.33	138.02	14.928		
5,400.00	5,328.89	14,721.97	7,137.29	14.47	228.40	92.46	-1,215.46	762.94	1,971.49	1,829.62	141.87	13.897		
5,500.00	5,427.43	14,740.27	7,137.68	14.77	228.94	91.41	-1,215.51	781.24	1,883.56	1,737.52	146.05	12.897		
5,600.00	5,525.97	14,758.57	7,138.07	15.08	229.48	90.34	-1,215.56	799.53	1,796.72	1,646.12	150.59	11.931		
5,700.00	5,624.51	14,776.86	7,138.46	15.38	230.01	89.26	-1,215.61	817.82	1,711.11	1,555.56	155.55	11.000		
5,800.00	5,723.05	14,804.84	7,138.85	15.69	230.84	88.16	-1,215.66	836.11	1,626.94	1,465.80	161.14	10.097		
5,900.00	5,821.59	14,813.45	7,139.24	16.00	231.09	87.06	-1,215.70	854.40	1,544.44	1,377.58	166.86	9.256		
6,000.00	5,920.13	14,831.75	7,139.63	16.31	231.63	85.94	-1,215.75	872.70	1,463.90	1,290.61	173.28	8.448		
6,100.00	6,018.67	14,850.05	7,140.02	16.62	232.17	84.81	-1,215.80	890.99	1,385.65	1,205.38	180.26	7.687		
6,200.00	6,117.21	14,868.34	7,140.41	16.93	232.71	83.67	-1,215.85	909.28	1,310.11	1,122.28	187.82	6.975		
6,300.00	6,215.75	14,886.64	7,140.79	17.24	233.24	82.52	-1,215.90	927.57	1,237.77	1,041.82	195.95	6.317		
6,400.00	6,314.29	14,904.94	7,141.18	17.56	233.78	81.36	-1,215.95	945.86	1,169.22	964.64	204.59	5.715		
6,500.00	6,412.83	14,923.23	7,141.57	17.87	234.32	80.19	-1,216.00	964.16	1,105.18	891.55	213.63	5.173		
6,600.00	6,511.38	14,941.53	7,141.96	18.19	234.86	79.02	-1,216.05	982.45	1,046.48	823.60	222.87	4.695		
6,700.00	6,609.92	14,959.83	7,142.35	18.51	235.40	77.84	-1,216.09	1,000.74	994.04	762.03	232.01	4.284		
6,800.00	6,708.16	14,979.67	7,142.78	18.84	235.98	83.71	-1,216.15	1,020.58	949.07	708.44	240.62	3.944		
6,900.00	6,803.11	15,012.34	7,143.47	19.25	236.94	90.12	-1,216.23	1,053.24	913.64	665.28	248.37	3.679		
7,000.00	6,892.11	15,059.37	7,144.47	19.76	238.33	91.88	-1,216.36	1,100.26	888.42	633.62	254.81	3.487		
7,100.00	6,972.96	15,119.61	7,145.76	20.36	240.10	91.31	-1,216.52	1,160.49	872.72	612.94	259.78	3.359		
7,200.00	7,043.67	15,208.43	7,147.29	21.07	242.72	89.43	-1,216.71	1,232.43	864.87	600.91	263.96	3.276		
7,300.00	7,102.50	15,273.49	7,149.03	21.87	244.63	86.97	-1,216.93	1,314.33	862.59	596.26	266.33	3.239		
7,310.37	7,107.86	15,282.48	7,149.22	21.97	244.90	86.71	-1,216.95	1,323.32	862.58	595.97	266.60	3.235 CC		
7,400.00	7,148.01	15,363.34	7,150.94	22.77	247.28	84.57	-1,217.17	1,404.16	863.46	594.54	268.92	3.211		
7,500.00	7,179.07	15,458.92	7,152.98	23.75	250.09	82.73	-1,217.42	1,499.72	865.35	593.60	271.75	3.184		
7,600.00	7,194.92	15,557.86	7,155.09	24.79	253.01	81.79	-1,217.68	1,598.64	866.70	591.55	275.15	3.150		
7,700.00	7,196.79	15,657.82	7,157.21	25.88	255.95	81.80	-1,217.95	1,698.58	866.90	587.72	279.19	3.105		
7,782.50	7,196.40	15,740.30	7,158.97	26.82	258.38	81.95	-1,218.17	1,781.03	866.90	584.25	282.65	3.067		
7,800.00	7,196.31	15,757.79	7,159.34	27.02	258.90	81.98	-1,218.22	1,798.52	866.90	583.52	283.38	3.059		
7,900.00	7,195.84	15,857.75	7,161.47	28.22	261.84	82.15	-1,218.48	1,898.46	866.91	579.27	287.63	3.014		
8,000.00	7,195.36	15,957.72	7,163.60	29.47	264.79	82.33	-1,218.75	1,998.40	866.92	574.99	291.93	2.970		
8,100.00	7,194.89	16,057.68	7,165.73	30.75	267.73	82.50	-1,219.01	2,098.35	866.94	570.68	296.26	2.926		
8,200.00	7,194.41	16,157.65	7,167.86	32.08	270.68	82.67	-1,219.28	2,198.29	866.97	566.34	300.63	2.884		
8,300.00	7,193.93	16,257.62	7,169.99	33.44	273.63	82.85	-1,219.54	2,298.23	867.01	561.98	305.03	2.842		
8,400.00	7,193.46	16,357.58	7,172.11	34.82	276.57	83.02	-1,219.81	2,398.17	867.05	557.60	309.45	2.802		
8,500.00	7,192.98	16,457.55	7,174.24	36.23	279.52	83.19	-1,220.08	2,498.12	867.10	553.20	313.90	2.762		
8,600.00	7,192.51	16,557.51	7,176.37	37.66	282.47	83.37	-1,220.34	2,598.06	867.17	548.80	318.37	2.724		
8,700.00	7,192.03	16,657.48	7,178.50	39.11	285.42	83.54	-1,220.61	2,698.00	867.24	544.38	322.86	2.686		
8,800.00	7,191.56	16,757.44	7,180.63	40.58	288.37	83.72	-1,220.87	2,797.94	867.31	539.95	327.36	2.649		
8,900.00	7,191.08	16,857.41	7,182.76	42.07	291.31	83.89	-1,221.14	2,897.89	867.40	535.51	331.88	2.614		
9,000.00	7,190.61	16,957.37	7,184.88	43.56	294.26	84.06	-1,221.40	2,997.83	867.49	531.07	336.42	2.579		
9,100.00	7,190.13	17,057.34	7,187.01	45.07	297.21	84.24	-1,221.67	3,097.77	867.59	526.63	340.96	2.545		
9,200.00	7,189.66	17,157.30	7,189.14	46.59	300.16	84.41	-1,221.94	3,197.71	867.70	522.18	345.52	2.511		
9,300.00	7,189.18	17,257.27	7,191.27	48.13	303.11	84.58	-1,222.20	3,297.66	867.82	517.74	350.08	2.479		
9,400.00	7,188.70	17,357.23	7,193.40	49.67	306.06	84.76	-1,222.47	3,397.60	867.94	513.29	354.66	2.447		
9,500.00	7,188.23	17,457.20	7,195.53	51.22	309.01	84.93	-1,222.73	3,497.54	868.08	508.84	359.24	2.416		
9,600.00	7,187.75	17,557.17	7,197.66	52.77	311.96	85.10	-1,223.00	3,597.48	868.22	504.39	363.82	2.386 ES, SF		
9,700.00	7,187.28	17,573.34	7,198.00	54.34	312.44	85.13	-1,223.04	3,613.66	872.40	507.87	364.53	2.393		
9,800.00	7,186.80	17,573.34	7,198.00	55.91	312.44	85.13	-1,223.04	3,613.66	887.75	527.40	360.35	2.464		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
9,900.00	7,186.33	17,573.34	7,198.00	57.48	312.44	85.13	-1,223.04	3,613.66	913.85	561.60	352.25	2.594		
10,000.00	7,185.85	17,573.34	7,198.00	59.06	312.44	85.13	-1,223.04	3,613.66	949.81	608.67	341.14	2.784		
10,100.00	7,185.38	17,573.34	7,198.00	60.65	312.44	85.13	-1,223.04	3,613.66	994.56	666.54	328.02	3.032		
10,200.00	7,184.90	17,573.34	7,198.00	62.24	312.44	85.13	-1,223.04	3,613.66	1,046.98	733.17	313.81	3.336		
10,300.00	7,184.42	17,573.34	7,198.00	63.83	312.44	85.13	-1,223.04	3,613.66	1,105.98	806.73	299.25	3.696		
10,400.00	7,183.95	17,573.34	7,198.00	65.43	312.44	85.13	-1,223.04	3,613.66	1,170.56	885.69	284.87	4.109		
10,500.00	7,183.47	17,573.34	7,198.00	67.04	312.44	85.13	-1,223.04	3,613.66	1,239.85	968.82	271.03	4.575		
10,600.00	7,183.00	17,573.34	7,198.00	68.64	312.44	85.13	-1,223.04	3,613.66	1,313.10	1,055.17	257.93	5.091		
10,700.00	7,182.52	17,573.34	7,198.00	70.25	312.44	85.13	-1,223.04	3,613.66	1,389.70	1,144.01	245.68	5.656		
10,800.00	7,182.05	17,573.34	7,198.00	71.86	312.44	85.13	-1,223.04	3,613.66	1,469.11	1,234.79	234.31	6.270		
10,900.00	7,181.57	17,573.34	7,198.00	73.48	312.44	85.13	-1,223.04	3,613.66	1,550.90	1,327.09	223.81	6.929		
11,000.00	7,181.10	17,573.34	7,198.00	75.09	312.44	85.13	-1,223.04	3,613.66	1,634.72	1,420.58	214.14	7.634		
11,100.00	7,180.62	17,573.34	7,198.00	76.71	312.44	85.13	-1,223.04	3,613.66	1,720.27	1,515.03	205.24	8.382		
11,200.00	7,180.15	17,573.34	7,198.00	78.33	312.44	85.13	-1,223.04	3,613.66	1,807.30	1,610.24	197.06	9.171		
11,300.00	7,179.67	17,573.34	7,198.00	79.96	312.44	85.13	-1,223.04	3,613.66	1,895.62	1,706.08	189.53	10.002		
11,400.00	7,179.19	17,573.34	7,198.00	81.58	312.44	85.13	-1,223.04	3,613.66	1,985.04	1,802.43	182.60	10.871		
11,500.00	7,178.72	17,573.34	7,198.00	83.21	312.44	85.13	-1,223.04	3,613.66	2,075.43	1,899.20	176.22	11.777		
11,600.00	7,178.24	17,573.34	7,198.00	84.84	312.44	85.13	-1,223.04	3,613.66	2,166.66	1,996.33	170.33	12.720		
11,700.00	7,177.77	17,573.34	7,198.00	86.47	312.44	85.13	-1,223.04	3,613.66	2,258.63	2,093.74	164.89	13.698		
11,800.00	7,177.29	17,573.34	7,198.00	88.11	312.44	85.13	-1,223.04	3,613.66	2,351.26	2,191.41	159.85	14.709		
11,900.00	7,176.82	17,573.34	7,198.00	89.74	312.44	85.13	-1,223.04	3,613.66	2,444.48	2,289.29	155.18	15.752		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys													Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,700.00	7,196.79	7,190.49	6,659.70	25.88	57.74	61.07	-1,302.76	3,951.39	2,499.98	2,423.02	76.96	32.482		
7,800.00	7,196.31	7,194.81	6,663.60	27.02	57.77	61.22	-1,301.60	3,952.82	2,410.15	2,332.90	77.25	31.200		
7,900.00	7,195.84	7,235.00	6,699.03	28.22	58.13	62.64	-1,291.07	3,968.56	2,323.06	2,245.06	78.00	29.785		
8,000.00	7,195.36	7,235.00	6,699.03	29.47	58.13	62.64	-1,291.07	3,968.56	2,234.34	2,156.01	78.32	28.527		
8,100.00	7,194.89	7,235.00	6,699.03	30.75	58.13	62.64	-1,291.07	3,968.56	2,146.61	2,067.90	78.70	27.274		
8,200.00	7,194.41	7,235.00	6,699.03	32.08	58.13	62.64	-1,291.07	3,968.56	2,059.99	1,980.85	79.14	26.029		
8,300.00	7,193.93	7,235.00	6,699.03	33.44	58.13	62.64	-1,291.07	3,968.56	1,974.65	1,895.01	79.64	24.795		
8,400.00	7,193.46	7,235.00	6,699.03	34.82	58.13	62.64	-1,291.07	3,968.56	1,890.74	1,810.54	80.20	23.576		
8,500.00	7,192.98	7,235.00	6,699.03	36.23	58.13	62.64	-1,291.07	3,968.56	1,808.47	1,727.65	80.82	22.376		
8,600.00	7,192.51	7,235.00	6,699.03	37.66	58.13	62.64	-1,291.07	3,968.56	1,728.07	1,646.56	81.51	21.201		
8,700.00	7,192.03	7,235.00	6,699.03	39.11	58.13	62.64	-1,291.07	3,968.56	1,649.81	1,567.55	82.26	20.056		
8,800.00	7,191.56	7,274.72	6,732.54	40.58	58.55	64.06	-1,281.14	3,987.43	1,572.27	1,488.50	83.78	18.767		
8,900.00	7,191.08	7,289.85	6,744.93	42.07	58.71	64.59	-1,277.46	3,995.27	1,497.73	1,412.78	84.95	17.630		
9,000.00	7,190.61	7,329.00	6,776.00	43.56	59.13	65.98	-1,268.17	4,017.20	1,426.29	1,339.64	86.65	16.460		
9,100.00	7,190.13	7,329.00	6,776.00	45.07	59.13	65.98	-1,268.17	4,017.20	1,356.58	1,268.90	87.68	15.472		
9,200.00	7,189.66	7,362.20	6,801.27	46.59	59.55	67.15	-1,260.12	4,037.17	1,290.27	1,200.78	89.49	14.419		
9,300.00	7,189.18	7,409.04	6,835.40	48.13	60.13	68.75	-1,247.65	4,066.71	1,226.36	1,134.69	91.67	13.378		
9,400.00	7,188.70	7,423.00	6,845.22	49.67	60.31	69.22	-1,243.68	4,075.81	1,165.57	1,072.46	93.11	12.519		
9,500.00	7,188.23	7,474.89	6,879.68	51.22	61.06	70.91	-1,228.73	4,111.57	1,107.72	1,012.11	95.61	11.586		
9,600.00	7,187.75	7,518.00	6,905.59	52.77	61.69	72.21	-1,216.39	4,143.73	1,054.46	956.60	97.86	10.775		
9,700.00	7,187.28	7,559.11	6,928.29	54.34	62.35	73.39	-1,204.61	4,175.91	1,005.10	905.00	100.10	10.041		
9,800.00	7,186.80	7,612.00	6,955.24	55.91	63.20	74.83	-1,189.31	4,218.77	959.25	856.59	102.66	9.344		
9,900.00	7,186.33	7,658.83	6,977.47	57.48	63.98	76.07	-1,176.51	4,257.93	917.56	812.58	104.98	8.741		
10,000.00	7,185.85	7,707.00	6,999.34	59.06	64.78	77.37	-1,165.04	4,299.29	880.92	773.71	107.21	8.217		
10,100.00	7,185.38	7,707.00	6,999.34	60.65	64.78	77.37	-1,165.04	4,299.29	851.93	745.11	106.83	7.975		
10,200.00	7,184.90	7,766.02	7,021.27	62.24	65.72	78.73	-1,154.85	4,353.03	827.94	718.91	109.03	7.594		
10,300.00	7,184.42	7,801.00	7,030.10	63.83	66.30	79.31	-1,151.54	4,386.70	813.24	703.77	109.46	7.429		
10,400.00	7,183.95	7,867.33	7,042.10	65.43	67.33	80.13	-1,148.06	4,451.83	804.65	693.00	111.64	7.207		
10,500.00	7,183.47	7,937.69	7,051.14	67.04	68.47	80.77	-1,146.20	4,521.58	799.89	685.99	113.90	7.023		
10,600.00	7,183.00	8,018.09	7,057.15	68.64	69.80	81.23	-1,146.19	4,601.73	798.62	681.83	116.79	6.838		
10,700.00	7,182.52	8,116.32	7,062.87	70.25	71.50	81.67	-1,146.70	4,699.80	798.30	677.27	121.03	6.596		
10,744.99	7,182.31	8,160.04	7,065.10	70.98	72.30	81.85	-1,146.97	4,743.46	798.26	675.35	122.91	6.495 CC		
10,800.00	7,182.05	8,210.99	7,067.46	71.86	73.24	82.04	-1,147.40	4,794.36	798.38	673.33	125.05	6.384		
10,900.00	7,181.57	8,305.01	7,071.28	73.48	75.05	82.35	-1,148.85	4,888.29	799.39	670.31	129.08	6.193		
11,000.00	7,181.10	8,403.13	7,074.27	75.09	77.02	82.62	-1,150.56	4,986.34	800.77	667.30	133.47	6.000		
11,100.00	7,180.62	8,501.57	7,076.18	76.71	79.10	82.80	-1,152.41	5,084.75	802.43	664.51	137.92	5.818		
11,200.00	7,180.15	8,597.95	7,077.82	78.33	81.21	82.97	-1,154.35	5,181.10	804.26	662.02	142.24	5.654		
11,300.00	7,179.67	8,691.53	7,079.19	79.96	83.33	83.12	-1,156.92	5,274.63	806.85	660.48	146.37	5.512		
11,400.00	7,179.19	8,789.12	7,080.63	81.58	85.61	83.28	-1,160.21	5,372.15	810.06	659.19	150.88	5.369		
11,500.00	7,178.72	8,885.25	7,081.56	83.21	87.92	83.41	-1,163.52	5,468.22	813.42	658.15	155.28	5.239		
11,600.00	7,178.24	8,978.48	7,081.67	84.84	90.21	83.48	-1,167.41	5,561.37	817.60	658.16	159.44	5.128		
11,700.00	7,177.77	9,073.24	7,081.63	86.47	92.60	83.54	-1,172.01	5,656.02	822.48	658.72	163.76	5.023		
11,800.00	7,177.29	9,179.98	7,081.29	88.11	95.35	83.60	-1,177.37	5,762.63	827.58	658.44	169.14	4.893		
11,900.00	7,176.82	9,304.28	7,080.86	89.74	98.67	83.64	-1,180.97	5,886.87	830.57	654.58	175.99	4.719		
12,000.00	7,176.34	9,402.59	7,080.60	91.38	101.37	83.66	-1,182.33	5,985.16	832.02	651.34	180.68	4.605		
12,100.00	7,175.87	9,493.59	7,080.07	93.01	103.91	83.67	-1,184.19	6,076.15	834.16	649.39	184.77	4.515		
12,200.00	7,175.39	9,589.44	7,078.69	94.65	106.62	83.63	-1,186.84	6,171.95	837.12	647.86	189.25	4.423		
12,300.00	7,174.91	9,682.53	7,076.97	96.29	109.27	83.57	-1,189.95	6,264.97	840.70	647.19	193.50	4.345		
12,400.00	7,174.44	9,780.45	7,075.19	97.93	112.09	83.51	-1,193.78	6,362.80	844.83	646.65	198.18	4.263		
12,500.00	7,173.96	9,896.78	7,072.95	99.57	115.49	83.42	-1,197.45	6,479.05	848.26	643.83	204.43	4.149		
12,600.00	7,173.49	10,021.84	7,070.55	101.21	119.23	83.31	-1,197.88	6,604.08	848.81	637.54	211.27	4.018		
12,700.00	7,173.01	10,126.81	7,068.94	102.86	122.41	83.22	-1,196.43	6,709.03	847.66	631.15	216.51	3.915		

Hewlett-Packard

Anticollision Report

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Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys													Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	7,172.54	10,225.38	7,068.95	104.50	125.43	83.25	-1,195.23	6,807.59	846.49	625.17	221.33	3.825		
12,900.00	7,172.06	10,320.64	7,068.92	106.15	128.37	83.27	-1,194.37	6,902.84	845.65	619.75	225.90	3.743		
12,974.65	7,171.71	10,391.01	7,068.84	107.38	130.54	83.28	-1,194.16	6,973.21	845.47	616.21	229.26	3.688		
13,000.00	7,171.59	10,414.95	7,068.84	107.79	131.29	83.29	-1,194.17	6,997.15	845.49	615.09	230.40	3.670		
13,100.00	7,171.11	10,511.85	7,068.86	109.44	134.30	83.33	-1,194.51	7,094.05	845.88	610.77	235.12	3.598		
13,200.00	7,170.64	10,603.14	7,068.56	111.09	137.15	83.34	-1,195.29	7,185.34	846.83	607.46	239.37	3.538		
13,300.00	7,170.16	10,692.88	7,068.25	112.74	139.95	83.37	-1,197.18	7,275.06	849.01	605.53	243.47	3.487		
13,400.00	7,169.68	10,786.35	7,067.92	114.39	142.88	83.40	-1,200.14	7,368.48	852.23	604.34	247.89	3.438		
13,500.00	7,169.21	10,895.73	7,067.65	116.04	146.32	83.44	-1,203.62	7,477.80	855.50	601.80	253.70	3.372		
13,600.00	7,168.73	11,027.67	7,067.64	117.69	150.51	83.49	-1,204.49	7,609.73	856.24	595.01	261.23	3.278		
13,700.00	7,168.26	11,145.39	7,067.35	119.34	154.30	83.48	-1,200.87	7,727.39	853.15	585.69	267.45	3.190		
13,800.00	7,167.78	11,234.22	7,067.19	120.99	157.17	83.48	-1,198.32	7,816.18	850.37	578.73	271.64	3.130		
13,900.00	7,167.31	11,324.21	7,067.27	122.64	160.08	83.51	-1,197.07	7,906.17	849.01	573.11	275.90	3.077		
14,000.00	7,166.83	11,420.90	7,067.16	124.29	163.21	83.53	-1,196.33	8,002.85	848.32	567.67	280.65	3.023		
14,100.00	7,166.36	11,516.82	7,066.88	125.95	166.32	83.54	-1,195.96	8,098.77	848.02	562.69	285.33	2.972		
14,103.70	7,166.34	11,520.31	7,066.87	126.01	166.43	83.54	-1,195.96	8,102.26	848.02	562.52	285.50	2.970		
14,200.00	7,165.88	11,615.78	7,066.80	127.60	169.54	83.56	-1,196.11	8,197.73	848.22	557.96	290.26	2.922		
14,300.00	7,165.40	11,724.31	7,066.69	129.26	173.07	83.59	-1,195.66	8,306.26	847.88	551.95	295.93	2.865		
14,400.00	7,164.93	11,833.13	7,066.73	130.91	176.63	83.61	-1,194.01	8,415.07	846.41	544.82	301.60	2.806		
14,500.00	7,164.45	11,920.36	7,066.51	132.57	179.48	83.62	-1,192.59	8,502.28	844.91	539.27	305.64	2.764		
14,518.99	7,164.36	11,935.63	7,066.49	132.88	179.98	83.62	-1,192.54	8,517.56	844.87	538.57	306.31	2.758		
14,600.00	7,163.98	11,997.38	7,066.45	134.22	182.00	83.64	-1,193.17	8,579.30	845.75	536.96	308.78	2.739		
14,700.00	7,163.50	12,075.34	7,066.24	135.88	184.54	83.68	-1,196.06	8,657.20	849.47	537.66	311.81	2.724		
14,800.00	7,163.03	12,164.10	7,066.03	137.54	187.43	83.73	-1,201.03	8,745.82	855.09	539.32	315.78	2.708		
14,900.00	7,162.55	12,266.95	7,065.61	139.19	190.78	83.78	-1,207.35	8,848.47	861.31	540.18	321.13	2.682		
15,000.00	7,162.08	12,383.94	7,065.32	140.85	194.60	83.84	-1,212.87	8,965.33	866.07	538.26	327.81	2.642		
15,100.00	7,161.60	12,501.62	7,065.22	142.51	198.47	83.89	-1,216.21	9,082.96	868.96	534.55	334.41	2.598		
15,200.00	7,161.13	12,613.39	7,065.25	144.17	202.17	83.94	-1,217.33	9,194.73	870.00	529.58	340.42	2.556		
15,300.00	7,160.65	12,709.32	7,065.09	145.82	205.35	83.96	-1,217.89	9,290.65	870.65	525.51	345.14	2.523		
15,400.00	7,160.17	12,799.21	7,064.86	147.48	208.33	83.98	-1,219.16	9,380.53	872.13	522.78	349.36	2.496		
15,500.00	7,159.70	12,892.85	7,064.53	149.14	211.43	84.01	-1,221.39	9,474.15	874.58	520.72	353.87	2.472		
15,600.00	7,159.22	12,990.85	7,064.19	150.80	214.68	84.03	-1,224.18	9,572.11	877.51	518.76	358.75	2.446		
15,700.00	7,158.75	13,079.92	7,063.88	152.46	217.64	84.06	-1,227.33	9,661.12	881.12	518.29	362.83	2.428		
15,800.00	7,158.27	13,193.66	7,063.58	154.12	221.41	84.11	-1,231.39	9,774.79	884.77	515.64	369.14	2.397		
15,900.00	7,157.80	13,305.65	7,063.39	155.78	225.15	84.14	-1,233.58	9,886.76	886.79	511.59	375.20	2.364		
16,000.00	7,157.32	13,421.38	7,063.31	157.44	229.01	84.18	-1,234.20	10,002.48	887.40	505.93	381.47	2.326		
16,100.00	7,156.85	13,539.81	7,062.94	159.10	232.98	84.18	-1,232.23	10,120.90	885.81	498.04	387.77	2.284		
16,200.00	7,156.37	13,633.02	7,062.65	160.76	236.11	84.18	-1,229.89	10,214.08	883.42	491.06	392.36	2.252		
16,300.00	7,155.89	13,722.06	7,062.46	162.42	239.10	84.18	-1,228.83	10,303.11	882.32	485.68	396.63	2.225		
16,347.06	7,155.67	13,764.61	7,062.32	163.20	240.53	84.19	-1,228.69	10,345.66	882.20	483.53	398.68	2.213		
16,400.00	7,155.42	13,813.64	7,062.18	164.08	242.17	84.19	-1,228.76	10,394.69	882.32	481.26	401.05	2.200		
16,500.00	7,154.94	13,907.77	7,061.94	165.75	245.33	84.21	-1,229.45	10,488.81	883.13	477.47	405.66	2.177		
16,600.00	7,154.47	14,007.25	7,061.52	167.41	248.68	84.22	-1,230.58	10,588.28	884.36	473.68	410.67	2.153		
16,700.00	7,153.99	14,126.49	7,061.22	169.07	252.68	84.24	-1,230.87	10,707.52	884.72	467.53	417.19	2.121		
16,800.00	7,153.52	14,248.28	7,060.79	170.73	256.78	84.23	-1,227.79	10,829.27	882.25	458.62	423.63	2.083		
16,900.00	7,153.04	14,347.93	7,060.45	172.39	260.14	84.22	-1,224.09	10,928.85	878.65	450.01	428.64	2.050		
17,000.00	7,152.57	14,437.42	7,060.13	174.06	263.17	84.21	-1,221.38	11,018.29	875.74	442.71	433.02	2.022		
17,100.00	7,152.09	14,524.64	7,059.83	175.72	266.11	84.21	-1,220.08	11,105.50	874.32	437.13	437.20	2.000		
17,200.00	7,151.62	14,622.61	7,059.49	177.38	269.42	84.21	-1,219.24	11,203.47	873.56	431.45	442.10	1.976		
17,249.91	7,151.38	14,667.64	7,059.40	178.21	270.94	84.22	-1,219.08	11,248.50	873.42	429.15	444.27	1.966		
17,300.00	7,151.14	14,713.16	7,059.38	179.05	272.47	84.23	-1,219.18	11,294.02	873.55	427.10	446.46	1.957		
17,400.00	7,150.66	14,809.16	7,059.28	180.71	275.71	84.26	-1,220.02	11,390.02	874.48	423.27	451.22	1.938		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,500.00	7,150.19	14,929.86	7,059.08	182.37	279.79	84.29	-1,219.75	11,510.71	874.34	416.50	457.84	1.910	
17,600.00	7,149.71	15,052.53	7,058.65	184.04	283.94	84.27	-1,216.30	11,633.33	871.63	407.34	464.29	1.877	
17,700.00	7,149.24	15,156.54	7,056.95	185.70	287.46	84.16	-1,211.45	11,737.21	867.20	397.75	469.46	1.847	
17,800.00	7,148.76	15,262.04	7,054.93	187.37	291.03	84.03	-1,206.17	11,842.56	862.48	387.81	474.67	1.817	
17,900.00	7,148.29	15,347.25	7,053.35	189.03	293.91	83.92	-1,202.27	11,927.66	858.17	379.36	478.82	1.792	
18,000.00	7,147.81	15,472.50	7,051.28	190.69	298.15	83.78	-1,196.26	12,052.75	853.72	368.71	485.02	1.760	
18,060.31	7,147.52	15,524.91	7,050.32	191.70	299.93	83.71	-1,193.23	12,105.05	850.37	362.74	487.63	1.744 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,900.00	7,195.84	7,200.00	6,757.49	28.22	56.32	71.81	-1,618.31	4,004.41	2,490.02	2,412.88	77.14	32.279		
8,000.00	7,195.36	7,200.00	6,757.49	29.47	56.32	71.81	-1,618.31	4,004.41	2,406.00	2,328.36	77.64	30.988		
8,100.00	7,194.89	7,200.00	6,757.49	30.75	56.32	71.81	-1,618.31	4,004.41	2,323.24	2,245.03	78.22	29.703		
8,200.00	7,194.41	7,200.00	6,757.49	32.08	56.32	71.81	-1,618.31	4,004.41	2,241.89	2,163.03	78.86	28.428		
8,300.00	7,193.93	7,200.00	6,757.49	33.44	56.32	71.81	-1,618.31	4,004.41	2,162.10	2,082.52	79.58	27.167		
8,400.00	7,193.46	7,237.47	6,789.62	34.82	56.74	72.99	-1,606.63	4,019.76	2,082.66	2,001.76	80.90	25.743		
8,500.00	7,192.98	7,248.36	6,798.76	36.23	56.87	73.33	-1,603.30	4,024.63	2,005.64	1,923.70	81.94	24.477		
8,600.00	7,192.51	7,260.13	6,808.55	37.66	57.00	73.70	-1,599.75	4,030.10	1,930.46	1,847.39	83.07	23.238		
8,700.00	7,192.03	7,300.00	6,840.90	39.11	57.46	74.96	-1,588.00	4,050.22	1,858.04	1,773.37	84.68	21.943		
8,800.00	7,191.56	7,300.00	6,840.90	40.58	57.46	74.96	-1,588.00	4,050.22	1,786.58	1,700.77	85.81	20.820		
8,900.00	7,191.08	7,300.00	6,840.90	42.07	57.46	74.96	-1,588.00	4,050.22	1,717.96	1,630.96	87.00	19.747		
9,000.00	7,190.61	7,300.00	6,840.90	43.56	57.46	74.96	-1,588.00	4,050.22	1,652.55	1,564.32	88.23	18.731		
9,100.00	7,190.13	7,336.18	6,869.06	45.07	57.92	76.08	-1,577.78	4,070.51	1,589.46	1,499.31	90.15	17.632		
9,200.00	7,189.66	7,355.86	6,883.85	46.59	58.18	76.68	-1,572.42	4,082.32	1,529.95	1,438.14	91.81	16.665		
9,300.00	7,189.18	7,400.00	6,915.60	48.13	58.75	78.00	-1,560.93	4,110.74	1,474.45	1,380.50	93.95	15.693		
9,400.00	7,188.70	7,400.00	6,915.60	49.67	58.75	78.00	-1,560.93	4,110.74	1,421.80	1,326.58	95.21	14.933		
9,500.00	7,188.23	7,427.35	6,934.20	51.22	59.13	78.80	-1,554.20	4,129.63	1,373.71	1,276.67	97.04	14.156		
9,600.00	7,187.75	7,456.13	6,952.84	52.77	59.54	79.61	-1,547.47	4,150.49	1,329.96	1,231.11	98.84	13.455		
9,700.00	7,187.28	7,500.00	6,979.31	54.34	60.16	80.78	-1,537.94	4,184.14	1,290.88	1,189.91	100.97	12.785		
9,800.00	7,186.80	7,500.00	6,979.31	55.91	60.16	80.78	-1,537.94	4,184.14	1,256.68	1,155.01	101.67	12.361		
9,900.00	7,186.33	7,560.75	7,011.81	57.48	61.08	82.26	-1,526.26	4,234.09	1,226.48	1,122.26	104.22	11.769		
10,000.00	7,185.85	7,600.00	7,030.09	59.06	61.68	83.11	-1,519.72	4,268.18	1,201.52	1,095.63	105.89	11.347		
10,100.00	7,185.38	7,647.32	7,049.16	60.65	62.43	84.01	-1,512.92	4,310.94	1,181.25	1,073.45	107.80	10.958		
10,200.00	7,184.90	7,700.00	7,066.42	62.24	63.29	84.84	-1,506.82	4,360.32	1,165.55	1,055.78	109.78	10.617		
10,300.00	7,184.42	7,746.63	7,078.08	63.83	64.05	85.42	-1,502.74	4,405.27	1,154.20	1,042.79	111.41	10.360		
10,400.00	7,183.95	7,800.00	7,087.17	65.43	64.95	85.87	-1,499.64	4,457.75	1,147.05	1,033.85	113.20	10.133		
10,500.00	7,183.47	7,854.65	7,091.69	67.04	65.86	86.10	-1,498.22	4,512.17	1,143.92	1,028.98	114.94	9.952		
10,536.11	7,183.30	7,877.81	7,092.13	67.61	66.25	86.13	-1,498.15	4,535.33	1,143.77	1,028.05	115.72	9.884 CC		
10,600.00	7,183.00	7,935.83	7,092.13	68.64	67.24	86.15	-1,498.40	4,593.35	1,144.07	1,026.04	118.04	9.693		
10,700.00	7,182.52	8,035.83	7,092.13	70.25	69.02	86.17	-1,498.83	4,693.34	1,144.57	1,022.33	122.24	9.364		
10,800.00	7,182.05	8,135.83	7,092.13	71.86	70.92	86.20	-1,499.25	4,793.34	1,145.06	1,018.53	126.53	9.049		
10,900.00	7,181.57	8,235.82	7,092.13	73.48	72.91	86.22	-1,499.67	4,893.34	1,145.55	1,014.64	130.92	8.750		
11,000.00	7,181.10	8,335.82	7,092.13	75.09	75.01	86.25	-1,500.10	4,993.33	1,146.05	1,010.68	135.37	8.466		
11,100.00	7,180.62	8,435.82	7,092.13	76.71	77.21	86.27	-1,500.52	5,093.33	1,146.54	1,006.66	139.89	8.196		
11,200.00	7,180.15	8,535.82	7,092.13	78.33	79.49	86.30	-1,500.95	5,193.33	1,147.04	1,002.58	144.46	7.940		
11,300.00	7,179.67	8,635.81	7,092.13	79.96	81.86	86.32	-1,501.37	5,293.32	1,147.54	998.46	149.08	7.698		
11,400.00	7,179.19	8,735.81	7,092.13	81.58	84.31	86.35	-1,501.80	5,393.32	1,148.03	994.29	153.74	7.467		
11,500.00	7,178.72	8,835.81	7,092.13	83.21	86.83	86.38	-1,502.22	5,493.32	1,148.53	990.09	158.44	7.249		
11,600.00	7,178.24	8,935.81	7,092.13	84.84	89.41	86.40	-1,502.65	5,593.31	1,149.02	985.86	163.17	7.042		
11,700.00	7,177.77	9,035.80	7,092.13	86.47	92.06	86.43	-1,503.07	5,693.31	1,149.52	981.59	167.93	6.845		
11,800.00	7,177.29	9,135.80	7,092.13	88.11	94.76	86.45	-1,503.50	5,793.31	1,150.02	977.30	172.71	6.659		
11,900.00	7,176.82	9,235.80	7,092.13	89.74	97.52	86.48	-1,503.92	5,893.30	1,150.51	972.99	177.52	6.481		
12,000.00	7,176.34	9,335.80	7,092.13	91.38	100.32	86.50	-1,504.35	5,993.30	1,151.01	968.66	182.35	6.312		
12,100.00	7,175.87	9,435.79	7,092.13	93.01	103.16	86.53	-1,504.77	6,093.29	1,151.51	964.31	187.20	6.151		
12,200.00	7,175.39	9,535.79	7,092.13	94.65	106.04	86.55	-1,505.19	6,193.29	1,152.01	959.94	192.07	5.998		
12,300.00	7,174.91	9,635.79	7,092.13	96.29	108.96	86.58	-1,505.62	6,293.29	1,152.50	955.56	196.95	5.852		
12,400.00	7,174.44	9,735.79	7,092.13	97.93	111.92	86.60	-1,506.04	6,393.28	1,153.00	951.16	201.84	5.712		
12,500.00	7,173.96	9,835.78	7,092.13	99.57	114.90	86.63	-1,506.47	6,493.28	1,153.50	946.75	206.75	5.579		
12,600.00	7,173.49	9,935.78	7,092.13	101.21	117.91	86.65	-1,506.89	6,593.28	1,154.00	942.33	211.67	5.452		
12,700.00	7,173.01	10,035.78	7,092.13	102.86	120.95	86.68	-1,507.32	6,693.27	1,154.50	937.89	216.60	5.330		
12,800.00	7,172.54	10,135.78	7,092.13	104.50	124.01	86.70	-1,507.74	6,793.27	1,155.00	933.45	221.54	5.213		
12,900.00	7,172.06	10,235.77	7,092.13	106.15	127.09	86.73	-1,508.17	6,893.27	1,155.49	929.00	226.49	5.102		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,000.00	7,171.59	10,335.77	7,092.13	107.79	130.19	86.75	-1,508.59	6,993.26	1,155.99	924.54	231.45	4.995	
13,100.00	7,171.11	10,435.77	7,092.13	109.44	133.32	86.78	-1,509.02	7,093.26	1,156.49	920.07	236.42	4.892	
13,200.00	7,170.64	10,535.77	7,092.13	111.09	136.45	86.80	-1,509.44	7,193.26	1,156.99	915.60	241.39	4.793	
13,300.00	7,170.16	10,635.76	7,092.13	112.74	139.61	86.83	-1,509.86	7,293.25	1,157.49	911.12	246.37	4.698	
13,400.00	7,169.68	10,735.76	7,092.13	114.39	142.78	86.85	-1,510.29	7,393.25	1,157.99	906.63	251.36	4.607	
13,500.00	7,169.21	10,835.76	7,092.13	116.04	145.96	86.88	-1,510.71	7,493.25	1,158.49	902.14	256.35	4.519	
13,600.00	7,168.73	10,935.76	7,092.13	117.69	149.16	86.90	-1,511.14	7,593.24	1,158.99	897.64	261.35	4.435	
13,700.00	7,168.26	11,035.75	7,092.13	119.34	152.36	86.93	-1,511.56	7,693.24	1,159.50	893.14	266.36	4.353	
13,800.00	7,167.78	11,135.75	7,092.13	120.99	155.58	86.95	-1,511.99	7,793.24	1,160.00	888.63	271.36	4.275	
13,900.00	7,167.31	11,235.75	7,092.13	122.64	158.81	86.98	-1,512.41	7,893.23	1,160.50	884.12	276.38	4.199	
14,000.00	7,166.83	11,335.75	7,092.13	124.29	162.05	87.00	-1,512.84	7,993.23	1,161.00	879.61	281.39	4.126	
14,100.00	7,166.36	11,435.74	7,092.13	125.95	165.30	87.03	-1,513.26	8,093.23	1,161.50	875.09	286.41	4.055	
14,200.00	7,165.88	11,535.74	7,092.13	127.60	168.55	87.05	-1,513.69	8,193.22	1,162.00	870.56	291.44	3.987	
14,300.00	7,165.40	11,635.74	7,092.13	129.26	171.82	87.08	-1,514.11	8,293.22	1,162.50	866.04	296.47	3.921	
14,400.00	7,164.93	11,735.74	7,092.13	130.91	175.09	87.10	-1,514.54	8,393.22	1,163.01	861.51	301.50	3.857	
14,500.00	7,164.45	11,835.73	7,092.13	132.57	178.37	87.13	-1,514.96	8,493.21	1,163.51	856.98	306.53	3.796	
14,600.00	7,163.98	11,935.73	7,092.13	134.22	181.65	87.15	-1,515.38	8,593.21	1,164.01	852.44	311.57	3.736	
14,700.00	7,163.50	12,035.73	7,092.13	135.88	184.94	87.17	-1,515.81	8,693.21	1,164.52	847.90	316.61	3.678	
14,800.00	7,163.03	12,135.73	7,092.13	137.54	188.24	87.20	-1,516.23	8,793.20	1,165.02	843.36	321.66	3.622	
14,900.00	7,162.55	12,235.72	7,092.13	139.19	191.54	87.22	-1,516.66	8,893.20	1,165.52	838.82	326.70	3.568	
15,000.00	7,162.08	12,335.72	7,092.13	140.85	194.85	87.25	-1,517.08	8,993.20	1,166.03	834.27	331.75	3.515	
15,100.00	7,161.60	12,435.72	7,092.13	142.51	198.17	87.27	-1,517.51	9,093.19	1,166.53	829.73	336.80	3.464	
15,200.00	7,161.13	12,535.72	7,092.13	144.17	201.48	87.30	-1,517.93	9,193.19	1,167.03	825.18	341.86	3.414	
15,300.00	7,160.65	12,635.71	7,092.13	145.82	204.80	87.32	-1,518.36	9,293.19	1,167.54	820.63	346.91	3.366	
15,400.00	7,160.17	12,735.71	7,092.13	147.48	208.13	87.35	-1,518.78	9,393.18	1,168.04	816.07	351.97	3.319	
15,500.00	7,159.70	12,835.71	7,092.13	149.14	211.46	87.37	-1,519.21	9,493.18	1,168.55	811.52	357.03	3.273	
15,600.00	7,159.22	12,935.71	7,092.13	150.80	214.80	87.40	-1,519.63	9,593.18	1,169.05	806.96	362.09	3.229	
15,700.00	7,158.75	13,035.70	7,092.13	152.46	218.13	87.42	-1,520.05	9,693.17	1,169.56	802.40	367.15	3.185	
15,800.00	7,158.27	13,135.70	7,092.13	154.12	221.48	87.44	-1,520.48	9,793.17	1,170.06	797.84	372.22	3.143	
15,900.00	7,157.80	13,235.70	7,092.13	155.78	224.82	87.47	-1,520.90	9,893.16	1,170.57	793.28	377.29	3.103	
16,000.00	7,157.32	13,335.70	7,092.13	157.44	228.17	87.49	-1,521.33	9,993.16	1,171.07	788.72	382.35	3.063	
16,100.00	7,156.85	13,435.69	7,092.13	159.10	231.52	87.52	-1,521.75	10,093.16	1,171.58	784.16	387.42	3.024	
16,200.00	7,156.37	13,535.69	7,092.13	160.76	234.87	87.54	-1,522.18	10,193.15	1,172.09	779.59	392.49	2.986	
16,300.00	7,155.89	13,635.69	7,092.13	162.42	238.23	87.57	-1,522.60	10,293.15	1,172.59	775.03	397.57	2.949	
16,400.00	7,155.42	13,735.69	7,092.13	164.08	241.59	87.59	-1,523.03	10,393.15	1,173.10	770.46	402.64	2.914	
16,500.00	7,154.94	13,835.68	7,092.13	165.75	244.95	87.61	-1,523.45	10,493.14	1,173.61	765.89	407.72	2.878	
16,600.00	7,154.47	13,935.68	7,092.13	167.41	248.31	87.64	-1,523.88	10,593.14	1,174.11	761.32	412.79	2.844	
16,700.00	7,153.99	14,035.68	7,092.13	169.07	251.68	87.66	-1,524.30	10,693.14	1,174.62	756.75	417.87	2.811	
16,800.00	7,153.52	14,135.68	7,092.13	170.73	255.05	87.69	-1,524.73	10,793.13	1,175.13	752.18	422.95	2.778	
16,900.00	7,153.04	14,235.67	7,092.13	172.39	258.42	87.71	-1,525.15	10,893.13	1,175.64	747.61	428.03	2.747	
17,000.00	7,152.57	14,335.67	7,092.13	174.06	261.79	87.74	-1,525.57	10,993.13	1,176.14	743.04	433.11	2.716	
17,100.00	7,152.09	14,435.67	7,092.13	175.72	265.16	87.76	-1,526.00	11,093.12	1,176.65	738.46	438.19	2.685	
17,200.00	7,151.62	14,535.66	7,092.13	177.38	268.54	87.78	-1,526.42	11,193.12	1,177.16	733.89	443.27	2.656	
17,300.00	7,151.14	14,635.66	7,092.13	179.05	271.92	87.81	-1,526.85	11,293.12	1,177.67	729.31	448.36	2.627	
17,400.00	7,150.66	14,735.66	7,092.13	180.71	275.29	87.83	-1,527.27	11,393.11	1,178.18	724.74	453.44	2.598	
17,500.00	7,150.19	14,835.66	7,092.13	182.37	278.68	87.86	-1,527.70	11,493.11	1,178.69	720.16	458.53	2.571	
17,600.00	7,149.71	14,935.65	7,092.13	184.04	282.06	87.88	-1,528.12	11,593.11	1,179.20	715.58	463.61	2.543	
17,700.00	7,149.24	15,035.65	7,092.13	185.70	285.44	87.90	-1,528.55	11,693.10	1,179.71	711.01	468.70	2.517	
17,800.00	7,148.76	15,135.65	7,092.13	187.37	288.83	87.93	-1,528.97	11,793.10	1,180.22	706.43	473.79	2.491	
17,900.00	7,148.29	15,235.65	7,092.13	189.03	292.22	87.95	-1,529.40	11,893.10	1,180.72	701.85	478.88	2.466	
18,000.00	7,147.81	15,335.64	7,092.13	190.69	295.60	87.98	-1,529.82	11,993.09	1,181.23	697.27	483.97	2.441	
18,060.31	7,147.52	15,404.05	7,092.13	191.70	297.92	87.99	-1,530.08	12,053.40	1,181.54	694.23	487.31	2.425 ES, SF	

Hewlett-Packard

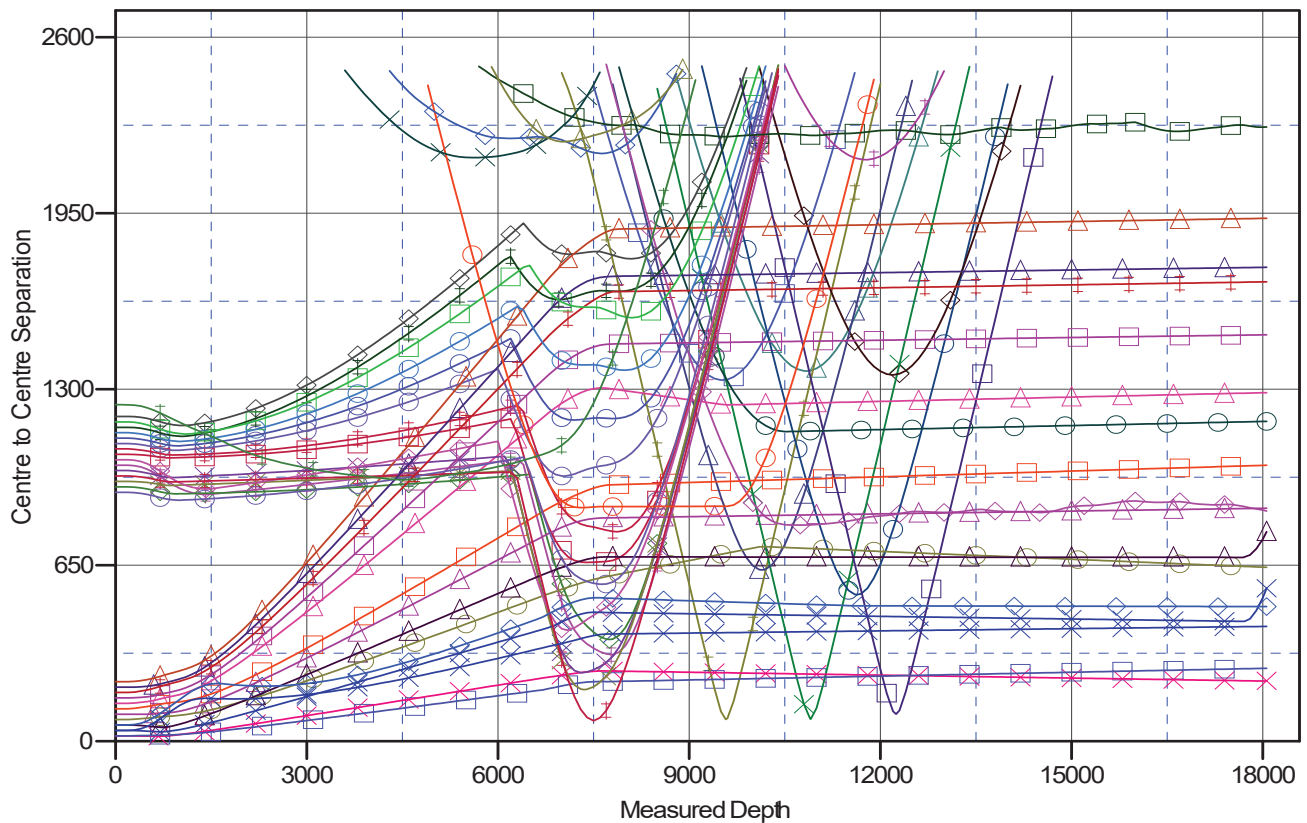
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4817.00usft (IKON 12)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: VOLT 14N-3C-L
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.45°

Ladder Plot



LEGEND

DUKE-J4-12, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 12N6A-M, Wellbore#1, Design#1 V0	VOLT 13N6C-M, Wellbore#1, Design#1 V0
DUKE-US005-16, SRQPAWWell, Actual VES Survey (Grid to True) V0	VOLT 12N6B-M, Wellbore#1, Design#1 V0	VOLT 13N6D-M, Wellbore#1, Design#1 V0
DUKE-US005-9, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 11G2-L, Wellbore#1, Design#1 V0	VOLT 14G2-L, Wellbore#1, Design#1 V0
DUKE-J4-13, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 13N6B-M, Wellbore#1, Design#1 V0	VOLT 25N8-L, Wellbore#1, Design#1 V0
DUKE-J4-25, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 12N6B-M, Wellbore#1, Design#1 V0	VOLT 25C8-L, Wellbore#1, Design#1 V0
DUKE-J4-31, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 34G6-M, Wellbore#1, Design#1 V0	VOLT 32G6-M, Wellbore#1, Design#1 V0
DUKE-J4-33, SRQSWWell, Actual VES Survey (Grid to True) V0	VOLT 13N6B-M, Wellbore#1, Design#1 V0	VOLT 12N6C-M, Wellbore#1, Design#1 V0
SRC Northridge 4 KD, SRQPAWWell, Actual VES Survey V0	VOLT 13N6C-M, Wellbore#1, Design#1 V0	BOSTFARM26N8B-L, Wellbore#1, Design#1 V0
DUKE-J4-14, SRQPAWWell, Actual VES Survey (Grid to True) V0	VOLT 12N6B-M, Wellbore#1, Design#1 V0	WEEDMAN25-5, Noble Energy PRWell, Actual CoreDed Survey (Grid to True) V0
TCMOISER-HLL 2-9-11, XOG PRWell, Actual Total Survey V0	VOLT 12N6B-M, Wellbore#1, Design#1 V0	BOOMERANG28C-3-L, SRQPRWell, Actual BHS Survey V0
TCMOISER-HLL 3-9-11, Extradon PRWell, Plan Only, Planned Extradon Survey V0	VOLT 12N6B-M, Wellbore#1, Design#1 V0	WEEDMAN22-5, Noble Energy PRWell, Actual CoreDed Survey (Grid to True) V0
VOLT 11N8C-L, Wellbore#1, Design#1 V0	VOLT 13N6B-M, Wellbore#1, Design#1 V0	BOOMERANG34N-6C-M, SRQPRWell, Actual BHS Survey V0
VOLT 13G6-M, Wellbore#1, Design#1 V0	VOLT 13N6C-L, Wellbore#1, Design#1 V0	PSCJ5-11, Noble Energy SWWell, Actual VES Survey (Grid to True) V0
VOLT 13G6-M, Wellbore#1, Design#1 V0	VOLT 13N6B-L, Wellbore#1, Design#1 V0	
VOLT 11N8B-L, Wellbore#1, Design#1 V0		

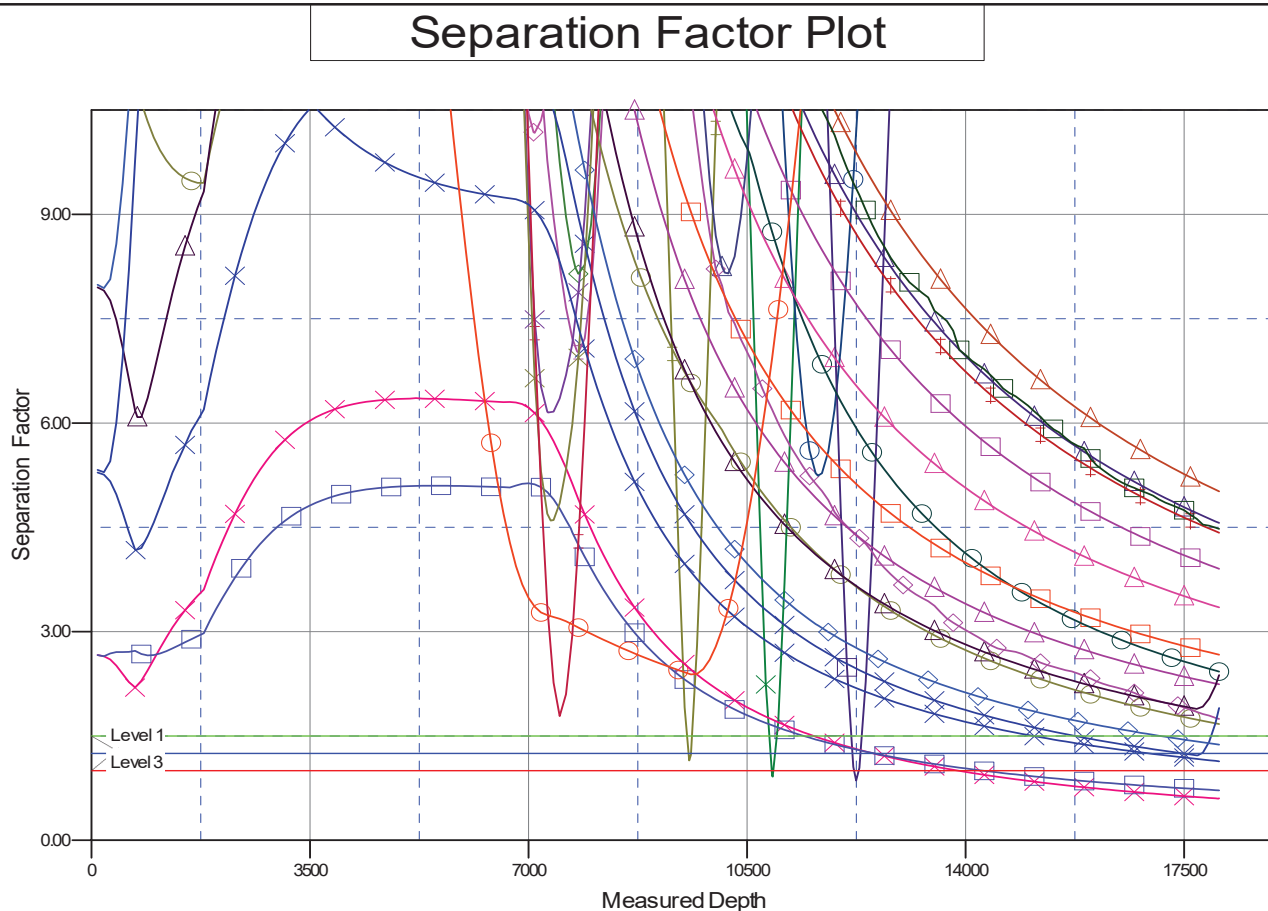
Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
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Reference Well:	VOLT 14N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Coordinates are relative to: VOLT 14N-3C-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°



LEGEND

