

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 8C-8-L**

**Wellbore #1
Design #1**

Anticollision Report

28 December, 2017

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 1,200.00 usft	Error Surface:	Pedal Curve		
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Added to Error Values		

Survey Tool Program	Date 12/27/2017				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	Fixed:v2:crustal field declination	
1,750.00	17,686.20	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	Fixed:v2:crustal field declination	

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-07 BOST FARM 5-7 PAD						
BOST FARM 12C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 12N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 12N-12C-M - Wellbore #1 - Design #1	9,052.22	7,270.93	1,109.66	1,029.92	13.917	CC
BOST FARM 12N-12C-M - Wellbore #1 - Design #1	9,100.00	7,232.16	1,109.94	1,029.37	13.775	ES
BOST FARM 12N-12C-M - Wellbore #1 - Design #1	9,500.00	7,000.00	1,150.12	1,062.58	13.138	SF
BOST FARM 13C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 16C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8A-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	300.00	299.29	120.18	112.53	15.706	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	300.00	298.85	140.27	132.61	18.332	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	200.00	159.94	152.37	21.132	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	300.00	298.59	160.32	152.67	20.953	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	200.00	179.97	172.40	23.778	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	300.00	298.19	180.39	172.73	23.576	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	254.60	247.03	33.635	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	400.00	393.76	259.13	251.35	33.342	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	240.77	233.20	31.807	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	400.00	395.59	244.87	237.10	31.505	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	561.32	578.06	183.62	175.60	22.875	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	7,400.00	7,562.35	446.31	391.48	8.140	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	542.94	559.52	189.68	181.69	23.723	CC, ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,100.00	7,583.66	645.37	587.11	11.079	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	203.00	197.09	189.52	26.038	CC, ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,100.00	7,660.93	870.09	812.09	15.002	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	184.60	177.03	24.387	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	7,600.00	7,454.18	459.35	405.00	8.452	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,145.39	7,263.49	880.55	799.09	10.809	CC
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,200.00	7,223.86	881.28	798.66	10.667	ES
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,400.00	7,109.38	899.47	813.29	10.438	SF
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	7,366.94	7,535.34	220.35	164.70	3.960	ES, SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	7,300.00	8,878.65	706.08	620.72	8.272	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	8,798.00	7,421.14	681.94	606.31	9.017	CC
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	8,800.00	7,419.47	681.94	606.30	9.015	ES
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	277.19	275.99	39.95	32.32	5.237	CC
BOST FARM 40C-8-L - Wellbore #1 - Design #1	17,686.20	17,745.56	451.73	-172.03	0.724	Level 1, ES, SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	13,776.49	12,411.33	835.78	483.29	2.371	CC

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	17,686.20	16,320.65	849.21	265.63	1.455	Level 3, ES, SF
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	280.07	278.98	19.90	12.27	2.607	CC
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	17,686.20	17,529.21	291.96	-207.52	0.585	Level 1, ES, SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	13,761.78	12,208.71	632.42	288.37	1.838	CC
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	17,686.20	16,115.50	651.76	90.40	1.161	Level 2, ES, SF
BOST FARM 41C-8-L - Wellbore #1 - Design #1	200.00	200.00	79.79	72.22	10.542	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,682.82	17,644.86	899.85	275.91	1.442	Level 3, SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	17,686.20	17,331.95	531.04	-6.21	0.988	Level 1, ES, SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	60.11	52.54	7.942	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	17,682.15	17,461.17	695.78	89.15	1.147	Level 2, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,686.20	17,505.88	1,129.52	509.56	1.822	SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	228.08	220.51	30.131	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	400.00	397.76	231.60	223.82	29.795	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	203.00	205.99	198.42	27.213	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,100.00	7,777.92	1,125.69	1,068.15	19.566	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	203.00	216.27	208.70	28.571	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	500.00	503.54	223.12	215.18	28.101	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	7,546.20	7,461.11	10.22	-43.67	0.190	Level 1, CC, ES, SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	181.10	173.53	23.925	CC
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	7,022.96	7,508.89	185.83	126.82	3.149	ES, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	200.00	20.04	12.47	2.648	CC
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	17,682.59	17,548.21	251.77	-313.88	0.445	Level 1, ES, SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1	8,775.53	7,276.29	1,014.38	942.82	14.175	CC
BOST FARM 9N-8C-L - Wellbore #1 - Design #1	17,686.20	16,203.27	1,166.53	585.40	2.007	ES, SF
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv	9,434.05	7,206.26	1,113.26	1,025.30	12.657	CC, ES
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv	9,700.00	7,204.57	1,144.54	1,051.48	12.299	SF
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES						Out of range
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,448.08	7,420.78	207.49	119.43	2.356	CC, ES, SF
SAMUEL J 7-10 - SRC Energy SI Well - Actual VES Surv						Out of range
SAMUEL J 7-15 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-16 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-23 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv	12,303.57	7,267.35	1,136.14	966.06	6.680	CC, ES
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv	12,400.00	7,269.33	1,140.22	967.87	6.616	SF
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su						Out of range
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,668.46	7,164.17	491.47	369.35	4.025	CC, ES
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,700.00	7,162.50	492.48	369.64	4.009	SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,903.67	7,178.94	348.03	190.13	2.204	CC, ES, SF
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,508.97	7,224.31	816.47	669.75	5.565	CC, ES
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,600.00	7,224.40	821.53	672.92	5.528	SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	1,116.67	1,089.64	710.88	701.31	74.268	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	5,100.00	4,950.51	1,198.96	1,172.21	44.813	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	2,674.02	2,596.35	156.46	140.44	9.765	CC, ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	8,200.00	7,193.06	401.28	345.32	7.171	SF

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys	16,280.66	7,212.04	103.84	-420.73	0.198	Level 1, CC, ES, SF
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve	15,891.02	7,222.41	1,067.14	792.14	3.880	CC
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve	15,900.00	7,222.63	1,067.18	791.89	3.877	ES
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve	16,000.00	7,225.11	1,072.69	795.51	3.870	SF
MOEN J 8-8 - SRC Energy SI Well - No Surveys	17,541.72	7,231.33	126.74	-435.70	0.225	Level 1, CC, ES, SF
MOEN J 8-9 - SRC Energy SI Well - No Surveys	17,367.57	7,259.12	1,025.41	467.13	1.837	CC
MOEN J 8-9 - SRC Energy SI Well - No Surveys	17,400.00	7,259.71	1,025.93	466.72	1.835	ES, SF
TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Plann	17,686.20	7,052.67	659.96	508.93	4.370	CC, ES, SF
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann	17,686.20	7,000.00	832.91	591.74	3.454	CC, ES, SF
TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Plann	17,686.20	7,025.54	1,071.46	786.33	3.758	CC, ES, SF
TC AIMS 4-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Plan	17,686.20	7,149.01	636.27	411.65	2.833	CC, ES, SF
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan	17,686.20	7,100.00	1,141.36	832.56	3.696	CC, ES, SF
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,686.20	7,062.38	1,195.16	898.32	4.026	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,686.20	7,100.00	933.64	667.52	3.508	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well	17,686.20	7,100.00	722.33	523.00	3.624	CC, ES, SF
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well	17,686.20	7,063.20	614.56	522.21	6.655	CC, ES, SF
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,686.20	7,100.00	1,055.12	771.18	3.716	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We						Out of range
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We	17,686.20	7,153.06	546.10	382.28	3.333	CC, ES, SF
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only						Out of range
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys	13,865.07	7,229.43	1,128.67	674.55	2.485	CC
WHITE 8-1 - Extraction PR Well - No Surveys	13,900.00	7,230.07	1,129.21	674.22	2.482	ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S	13,628.48	7,186.27	93.46	-114.93	0.448	Level 1, CC, ES, SF
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,882.26	7,208.08	87.03	-158.28	0.355	Level 1, CC, ES, SF
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
5N-66W-18 Offsets Incomplete						
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann						Out of range
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann						Out of range
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range

Summary

Site Name	Reference	Offset	Distance		Separation	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
Offset Well - Wellbore - Design						
5N-67W-11 Offsets Need Directional Surveys						
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 3-11 Approximation - Noble Energy PR Well - *						Out of range
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range
Skyway Federal 31-11 - Noble Energy PR Well - Actual S						Out of range
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range
5N-67W-12 Offsets						
BORESEN 1 - Noble Energy PR Well - No Surveys	6,732.30	6,525.57	131.74	-118.42	0.527	Level 1, CC, ES, SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	3,918.52	3,778.54	968.41	938.85	32.764	CC, ES
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	4,700.00	4,466.79	1,039.92	1,005.35	30.082	SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	6,687.11	6,604.61	1,116.24	1,071.86	25.152	CC, ES
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	6,800.00	6,716.66	1,124.03	1,079.24	25.094	SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata	6,769.13	6,671.44	1,009.59	972.02	26.874	CC, ES
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata	6,800.00	6,703.91	1,010.24	972.56	26.808	SF
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 12N-12C-M - 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	
7,100.00	6,888.97	9,125.63	7,114.85	26.67	62.74	88.80	-1,775.49	-1,305.98	1,187.93	1,100.76	87.17	13.627	
7,200.00	6,968.03	9,062.78	7,116.77	26.85	60.96	90.25	-1,775.02	-1,243.16	1,166.61	1,080.13	86.48	13.490	
7,300.00	7,036.68	8,988.56	7,119.03	27.18	58.87	90.30	-1,774.45	-1,168.97	1,151.83	1,066.53	85.30	13.504	
7,400.00	7,093.25	8,904.79	7,121.59	27.71	56.51	89.65	-1,773.82	-1,085.25	1,142.18	1,058.35	83.82	13.626	
7,500.00	7,136.32	8,813.55	7,124.38	28.47	53.96	88.81	-1,773.13	-994.05	1,136.16	1,053.91	82.26	13.812	
7,600.00	7,164.85	8,717.07	7,127.33	29.48	51.27	88.17	-1,772.40	-897.62	1,132.48	1,051.73	80.74	14.026	
7,700.00	7,178.13	8,617.74	7,130.36	30.71	48.53	87.98	-1,771.64	-798.33	1,130.20	1,050.84	79.36	14.241	
7,800.00	7,180.41	8,517.75	7,133.42	32.13	45.80	88.05	-1,770.89	-698.40	1,128.66	1,050.49	78.16	14.440	
7,900.00	7,182.26	8,417.77	7,136.47	33.77	43.09	88.11	-1,770.13	-598.47	1,127.15	1,049.96	77.19	14.602	
8,000.00	7,184.10	8,317.79	7,139.53	35.60	40.42	88.17	-1,769.37	-498.54	1,125.64	1,049.22	76.42	14.730	
8,100.00	7,185.95	8,217.81	7,142.58	37.58	37.79	88.23	-1,768.61	-398.60	1,124.13	1,048.31	75.82	14.826	
8,200.00	7,187.80	8,117.83	7,145.64	39.69	35.21	88.29	-1,767.85	-298.67	1,122.62	1,047.22	75.40	14.889	
8,300.00	7,189.64	8,017.84	7,148.69	41.91	32.70	88.35	-1,767.10	-198.74	1,121.12	1,045.97	75.14	14.920	
8,400.00	7,191.49	7,917.86	7,151.75	44.22	30.28	88.41	-1,766.34	-98.81	1,119.61	1,044.56	75.05	14.918	
8,500.00	7,193.34	7,817.88	7,154.80	46.61	27.95	88.47	-1,765.58	1.13	1,118.11	1,042.98	75.13	14.882	
8,600.00	7,195.18	7,717.90	7,157.86	49.07	25.76	88.53	-1,764.82	101.06	1,116.61	1,041.20	75.41	14.808	
8,700.00	7,197.03	7,617.92	7,160.91	51.58	23.74	88.59	-1,764.06	200.99	1,115.10	1,039.21	75.90	14.692	
8,800.00	7,198.88	7,513.99	7,160.42	54.14	21.86	88.46	-1,763.06	304.85	1,113.49	1,036.93	76.56	14.545	
8,900.00	7,200.73	7,411.13	7,144.33	56.74	20.27	87.53	-1,761.17	406.31	1,111.52	1,034.01	77.51	14.340	
9,000.00	7,202.57	7,316.28	7,115.21	59.37	19.13	85.94	-1,758.63	496.45	1,109.94	1,031.06	78.88	14.072	
9,052.22	7,203.54	7,270.93	7,096.63	60.76	18.71	84.94	-1,757.15	537.78	1,109.66	1,029.92	79.73	13.917 CC	
9,100.00	7,204.42	7,232.16	7,078.45	62.04	18.41	83.96	-1,755.77	571.99	1,109.94	1,029.37	80.58	13.775 ES	
9,200.00	7,206.27	7,159.47	7,038.91	64.73	18.00	81.86	-1,752.89	632.87	1,112.89	1,030.43	82.46	13.497	
9,300.00	7,208.11	7,097.56	6,999.95	67.44	17.77	79.81	-1,750.17	680.88	1,119.98	1,035.65	84.33	13.280	
9,400.00	7,209.96	7,045.13	6,963.45	70.18	17.63	77.91	-1,747.68	718.41	1,132.18	1,046.11	86.07	13.154	
9,500.00	7,211.81	7,000.00	6,929.65	72.93	17.54	76.17	-1,745.43	748.21	1,150.12	1,062.58	87.54	13.138 SF	
9,600.00	7,213.65	6,962.98	6,900.40	75.70	17.48	74.69	-1,743.51	770.82	1,174.16	1,085.44	88.71	13.235	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-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
0.00	0.00	0.00	0.00	3.28	3.28	0.53	119.86	1.11	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.86	1.11	119.86	112.34	7.53	15.924	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.86	1.11	119.86	112.29	7.57	15.837	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.86	1.11	119.86	112.29	7.57	15.837	CC, ES
300.00	300.00	299.29	299.29	3.34	3.34	112.53	120.01	0.72	120.18	112.53	7.65	15.706	SF
400.00	399.93	397.83	397.76	3.40	3.41	112.48	121.20	-2.46	122.70	114.93	7.77	15.791	
500.00	499.68	496.22	495.92	3.49	3.49	112.38	123.58	-8.78	127.72	119.79	7.94	16.094	
600.00	599.13	594.39	593.56	3.59	3.60	112.24	127.13	-18.24	135.26	127.10	8.16	16.585	
700.00	698.15	692.24	690.49	3.74	3.74	112.07	131.84	-30.78	145.27	136.84	8.43	17.224	
800.00	796.63	789.70	786.51	3.92	3.91	111.87	137.69	-46.33	157.75	148.97	8.78	17.961	
900.00	894.44	886.66	881.44	4.15	4.13	111.64	144.65	-64.84	172.67	163.46	9.21	18.744	
1,000.00	991.48	983.08	975.10	4.44	4.39	111.44	152.68	-86.20	189.97	180.24	9.73	19.521	
1,100.00	1,088.28	1,080.91	1,069.60	4.76	4.70	111.17	161.60	-109.93	208.41	198.08	10.33	20.171	
1,200.00	1,185.07	1,179.19	1,164.50	5.12	5.04	110.92	170.57	-133.81	226.89	215.89	10.99	20.636	
1,300.00	1,281.86	1,277.46	1,259.41	5.50	5.40	110.71	179.55	-157.70	245.36	233.66	11.70	20.965	
1,400.00	1,378.66	1,375.74	1,354.31	5.89	5.79	110.53	188.53	-181.58	263.84	251.39	12.45	21.193	
1,500.00	1,475.45	1,474.01	1,449.21	6.31	6.20	110.38	197.51	-205.47	282.32	269.10	13.23	21.343	
1,600.00	1,572.24	1,572.28	1,544.12	6.73	6.61	110.24	206.49	-229.36	300.81	286.78	14.03	21.439	
1,700.00	1,669.03	1,670.56	1,639.02	7.17	7.04	110.12	215.47	-253.24	319.29	304.44	14.86	21.494	
1,800.00	1,765.83	1,768.83	1,733.92	7.42	7.34	110.01	224.44	-277.13	337.78	322.61	15.17	22.264	
1,900.00	1,862.62	1,867.11	1,828.83	7.49	7.47	109.91	233.42	-301.02	356.26	341.08	15.19	23.456	
2,000.00	1,959.41	1,965.38	1,923.73	7.59	7.57	109.83	242.40	-324.90	374.75	359.38	15.38	24.372	
2,100.00	2,056.21	2,063.66	2,018.64	7.73	7.69	109.75	251.38	-348.79	393.24	377.62	15.62	25.169	
2,200.00	2,153.00	2,161.93	2,113.54	7.90	7.85	109.68	260.36	-372.68	411.73	395.80	15.93	25.849	
2,300.00	2,249.79	2,260.21	2,208.44	8.10	8.04	109.61	269.34	-396.56	430.22	413.93	16.29	26.415	
2,400.00	2,346.58	2,358.48	2,303.35	8.32	8.25	109.55	278.31	-420.45	448.71	432.01	16.70	26.876	
2,500.00	2,443.38	2,456.76	2,398.25	8.56	8.49	109.49	287.29	-444.34	467.20	450.05	17.15	27.240	
2,600.00	2,540.17	2,555.03	2,493.16	8.83	8.75	109.44	296.27	-468.22	485.69	468.04	17.65	27.519	
2,700.00	2,636.96	2,653.31	2,588.06	9.12	9.03	109.39	305.25	-492.11	504.18	486.00	18.19	27.723	
2,800.00	2,733.76	2,751.58	2,682.96	9.43	9.32	109.35	314.23	-516.00	522.67	503.91	18.76	27.862	
2,900.00	2,830.55	2,849.86	2,777.87	9.75	9.64	109.31	323.21	-539.88	541.17	521.80	19.36	27.946	
3,000.00	2,927.34	2,948.13	2,872.77	10.09	9.97	109.27	332.18	-563.77	559.66	539.66	20.00	27.983	
3,100.00	3,024.13	3,046.40	2,967.67	10.44	10.31	109.23	341.16	-587.66	578.15	557.49	20.66	27.982	
3,200.00	3,120.93	3,144.68	3,062.58	10.81	10.67	109.20	350.14	-611.54	596.64	575.30	21.35	27.950	
3,300.00	3,217.72	3,242.95	3,157.48	11.18	11.04	109.17	359.12	-635.43	615.13	593.08	22.05	27.892	
3,400.00	3,314.51	3,341.23	3,252.39	11.57	11.42	109.14	368.10	-659.32	633.63	610.85	22.78	27.813	
3,500.00	3,411.31	3,439.50	3,347.29	11.96	11.80	109.11	377.08	-683.20	652.12	628.59	23.53	27.718	
3,600.00	3,508.10	3,537.78	3,442.19	12.36	12.20	109.08	386.05	-707.09	670.61	646.33	24.29	27.611	
3,700.00	3,604.89	3,636.05	3,537.10	12.77	12.60	109.06	395.03	-730.98	689.11	664.04	25.06	27.494	
3,800.00	3,701.69	3,734.33	3,632.00	13.19	13.01	109.04	404.01	-754.86	707.60	681.75	25.85	27.370	
3,900.00	3,798.48	3,832.60	3,726.90	13.61	13.43	109.01	412.99	-778.75	726.09	699.44	26.65	27.241	
4,000.00	3,895.27	3,930.88	3,821.81	14.04	13.85	108.99	421.97	-802.63	744.59	717.12	27.47	27.109	
4,100.00	3,992.06	4,029.15	3,916.71	14.47	14.28	108.97	430.95	-826.52	763.08	734.79	28.29	26.974	
4,200.00	4,088.86	4,127.43	4,011.62	14.91	14.71	108.95	439.92	-850.41	781.58	752.46	29.12	26.839	
4,300.00	4,185.65	4,225.70	4,106.52	15.35	15.15	108.93	448.90	-874.29	800.07	770.11	29.96	26.704	
4,400.00	4,282.44	4,323.98	4,201.42	15.80	15.59	108.91	457.88	-898.18	818.56	787.76	30.81	26.569	
4,500.00	4,379.24	4,422.25	4,296.33	16.25	16.03	108.90	466.86	-922.07	837.06	805.39	31.66	26.436	
4,600.00	4,476.03	4,520.52	4,391.23	16.70	16.48	108.88	475.84	-945.95	855.55	823.03	32.52	26.305	
4,700.00	4,572.82	4,618.80	4,486.14	17.16	16.93	108.87	484.82	-969.84	874.05	840.65	33.39	26.175	
4,800.00	4,669.61	4,717.07	4,581.04	17.62	17.38	108.85	493.79	-993.73	892.54	858.28	34.26	26.048	
4,900.00	4,766.41	4,815.35	4,675.94	18.08	17.84	108.84	502.77	-1,017.61	911.04	875.89	35.14	25.924	
5,000.00	4,863.20	4,913.62	4,770.85	18.54	18.29	108.82	511.75	-1,041.50	929.53	893.50	36.03	25.802	
5,100.00	4,959.99	5,011.90	4,865.75	19.01	18.75	108.81	520.73	-1,065.39	948.02	911.11	36.91	25.683	
5,200.00	5,056.79	5,110.17	4,960.65	19.47	19.22	108.80	529.71	-1,089.27	966.52	928.71	37.80	25.566	
5,300.00	5,153.58	5,208.45	5,055.56	19.94	19.68	108.78	538.69	-1,113.16	985.01	946.31	38.70	25.453	
5,400.00	5,250.37	5,306.72	5,150.46	20.41	20.15	108.77	547.66	-1,137.05	1,003.51	963.91	39.60	25.342	
5,500.00	5,347.16	5,405.00	5,245.37	20.89	20.61	108.76	556.64	-1,160.93	1,022.00	981.50	40.50	25.234	
5,600.00	5,443.96	5,503.27	5,340.27	21.36	21.08	108.75	565.62	-1,184.82	1,040.50	999.09	41.41	25.129	
5,700.00	5,540.75	5,601.55	5,435.17	21.84	21.55	108.74	574.60	-1,208.71	1,058.99	1,016.68	42.31	25.027	
5,800.00	5,637.54	5,700.18	5,530.08	22.31	22.03	108.73	583.58	-1,232.59	1,077.49	1,034.26	43.23	24.927	
5,900.00	5,734.34	5,801.91	5,624.98	22.79	22.52	108.72	592.56	-1,256.48	1,095.98	1,051.83	44.16	24.821	
6,000.00	5,831.13	5,896.37	5,719.88	23.27	22.97	108.71	601.53	-1,280.37	1,114.48	1,069.42	45.05	24.737	
6,100.00	5,927.92	6,005.36	5,814.79	23.75	23.50	108.70	610.51	-1,304.25	1,132.97	1,086.95	46.02	24.618	
6,200.00	6,024.71	6,107.08	5,909.69	24.23	24.00	108.69	619.49	-1,328.14	1,151.47	1,104.51	46.96	24.521	
6,300.00	6,121.51	6,208.81	6,004.60	24.72	24.49	108.68	628.47	-1,352.03	1,169.96	1,122.06	47.90	24.426	
6,400.00	6,218.30	6,289.47	6,099.50	25.20	24.88	108.68	637.45	-1,375.91	1,188.46	1,139.72	48.74	24.384	

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-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		
0.00	0.00	0.00	0.00	3.28	3.28	0.46	139.89	1.11	139.89						
100.00	100.00	100.00	100.00	3.28	3.28	0.46	139.89	1.11	139.89	132.37	7.53	18.585			
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484			
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484	CC, ES		
300.00	300.00	298.85	298.85	3.34	3.34	112.46	140.09	0.75	140.27	132.61	7.65	18.332	SF		
400.00	399.93	396.50	396.43	3.40	3.41	112.50	141.71	-2.16	143.23	135.46	7.77	18.435			
500.00	499.68	493.95	493.66	3.49	3.49	112.56	144.94	-7.96	149.16	141.23	7.93	18.798			
600.00	599.13	591.09	590.29	3.59	3.60	112.64	149.75	-16.61	158.03	149.88	8.15	19.389			
700.00	698.15	687.79	686.09	3.74	3.74	112.72	156.13	-28.06	169.83	161.41	8.42	20.159			
800.00	796.63	783.94	780.86	3.92	3.90	112.79	164.02	-42.24	184.53	175.76	8.76	21.053			
900.00	894.44	879.43	874.38	4.15	4.11	112.82	173.38	-59.06	202.09	192.91	9.18	22.014			
1,000.00	991.48	974.15	966.47	4.44	4.36	112.89	184.17	-78.43	222.44	212.76	9.68	22.980			
1,100.00	1,088.28	1,069.10	1,058.01	4.76	4.65	112.77	196.41	-100.42	244.60	234.34	10.25	23.861			
1,200.00	1,185.07	1,166.51	1,151.70	5.12	5.00	112.48	209.38	-123.74	267.17	256.27	10.90	24.509			
1,300.00	1,281.86	1,263.92	1,245.38	5.50	5.37	112.24	222.36	-147.06	289.74	278.14	11.60	24.981			
1,400.00	1,378.66	1,361.33	1,339.07	5.89	5.76	112.04	235.34	-170.38	312.32	299.99	12.33	25.324			
1,500.00	1,475.45	1,458.75	1,432.75	6.31	6.18	111.86	248.32	-193.70	334.91	321.80	13.10	25.561			
1,600.00	1,572.24	1,556.16	1,526.44	6.73	6.60	111.70	261.30	-217.01	357.49	343.60	13.90	25.725			
1,700.00	1,669.03	1,653.57	1,620.12	7.17	7.04	111.57	274.28	-240.33	380.08	365.37	14.71	25.834			
1,800.00	1,765.83	1,750.98	1,713.81	7.42	7.39	111.44	287.26	-263.65	402.67	387.61	15.06	26.739			
1,900.00	1,862.62	1,848.39	1,807.49	7.49	7.55	111.34	300.24	-286.97	425.26	410.16	15.11	28.152			
2,000.00	1,959.41	1,945.80	1,901.18	7.59	7.65	111.24	313.21	-310.29	447.85	432.57	15.29	29.299			
2,100.00	2,056.21	2,043.22	1,994.86	7.73	7.78	111.15	326.19	-333.61	470.45	454.92	15.53	30.303			
2,200.00	2,153.00	2,140.63	2,088.55	7.90	7.94	111.07	339.17	-356.92	493.04	477.22	15.82	31.162			
2,300.00	2,249.79	2,238.04	2,182.23	8.10	8.13	111.00	352.15	-380.24	515.64	499.47	16.17	31.884			
2,400.00	2,346.58	2,335.45	2,275.92	8.32	8.34	110.93	365.13	-403.56	538.24	521.66	16.57	32.475			
2,500.00	2,443.38	2,432.86	2,369.60	8.56	8.59	110.87	378.11	-426.88	560.83	543.81	17.02	32.949			
2,600.00	2,540.17	2,530.27	2,463.29	8.83	8.85	110.81	391.09	-450.20	583.43	565.92	17.51	33.316			
2,700.00	2,636.96	2,627.69	2,556.97	9.12	9.14	110.76	404.07	-473.51	606.03	587.99	18.04	33.589			
2,800.00	2,733.76	2,725.10	2,650.66	9.43	9.45	110.71	417.04	-496.83	628.63	610.02	18.61	33.782			
2,900.00	2,830.55	2,822.51	2,744.34	9.75	9.77	110.67	430.02	-520.15	651.23	632.02	19.21	33.905			
3,000.00	2,927.34	2,919.92	2,838.02	10.09	10.11	110.62	443.00	-543.47	673.83	653.99	19.84	33.970			
3,100.00	3,024.13	3,017.33	2,931.71	10.44	10.47	110.58	455.98	-566.79	696.43	675.94	20.49	33.987			
3,200.00	3,120.93	3,114.74	3,025.39	10.81	10.83	110.55	468.96	-590.11	719.03	697.86	21.17	33.964			
3,300.00	3,217.72	3,212.16	3,119.08	11.18	11.21	110.51	481.94	-613.42	741.63	719.76	21.87	33.908			
3,400.00	3,314.51	3,309.57	3,212.76	11.57	11.60	110.48	494.92	-636.74	764.23	741.63	22.59	33.826			
3,500.00	3,411.31	3,406.98	3,306.45	11.96	12.00	110.45	507.90	-660.06	786.83	763.50	23.33	33.724			
3,600.00	3,508.10	3,504.39	3,400.13	12.36	12.41	110.42	520.87	-683.38	809.43	785.34	24.09	33.603			
3,700.00	3,604.89	3,601.80	3,493.82	12.77	12.83	110.39	533.85	-706.70	832.03	807.17	24.86	33.471			
3,800.00	3,701.69	3,700.79	3,587.50	13.19	13.26	110.36	546.83	-730.01	854.63	828.98	25.65	33.321			
3,900.00	3,798.48	3,803.37	3,681.19	13.61	13.71	110.34	559.81	-753.33	877.23	850.77	26.47	33.146			
4,000.00	3,895.27	3,905.96	3,774.87	14.04	14.17	110.32	572.79	-776.65	899.84	872.54	27.29	32.967			
4,100.00	3,992.06	4,008.55	3,868.56	14.47	14.63	110.29	585.77	-799.97	922.44	894.30	28.13	32.786			
4,200.00	4,088.86	4,088.86	3,962.24	14.91	15.00	110.27	598.75	-823.29	945.04	916.15	28.89	32.714			
4,300.00	4,185.65	4,186.27	4,055.93	15.35	15.45	110.25	611.73	-846.61	967.64	937.92	29.72	32.555			
4,400.00	4,282.44	4,283.69	4,149.61	15.80	15.90	110.23	624.70	-869.92	990.24	959.68	30.57	32.397			
4,500.00	4,379.24	4,381.10	4,243.30	16.25	16.36	110.21	637.68	-893.24	1,012.85	981.43	31.42	32.241			
4,600.00	4,476.03	4,478.51	4,336.98	16.70	16.82	110.20	650.66	-916.56	1,035.45	1,003.18	32.27	32.085			
4,700.00	4,572.82	4,575.92	4,430.67	17.16	17.29	110.18	663.64	-939.88	1,058.05	1,024.92	33.13	31.933			
4,800.00	4,669.61	4,673.33	4,524.35	17.62	17.75	110.16	676.62	-963.20	1,080.65	1,046.65	34.00	31.782			
4,900.00	4,766.41	4,770.74	4,618.04	18.08	18.22	110.15	689.60	-986.52	1,103.26	1,068.38	34.87	31.635			
5,000.00	4,863.20	4,868.16	4,711.72	18.54	18.70	110.13	702.58	-1,009.83	1,125.86	1,090.11	35.75	31.490			
5,100.00	4,959.99	4,965.57	4,805.41	19.01	19.17	110.12	715.56	-1,033.15	1,148.46	1,111.83	36.64	31.349			
5,200.00	5,056.79	5,062.98	4,899.09	19.47	19.65	110.10	728.53	-1,056.47	1,171.06	1,133.54	37.52	31.210			
5,300.00	5,153.58	5,160.39	4,992.78	19.94	20.12	110.09	741.51	-1,079.79	1,193.67	1,155.26	38.41	31.075			

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-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)	Offset Wellbore 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	0.50	159.93	1.39	159.94				
100.00	100.00	100.00	100.00	3.28	3.28	0.50	159.93	1.39	159.94	152.41	7.53	21.248	
200.00	200.00	200.00	200.00	3.30	3.30	0.50	159.93	1.39	159.94	152.37	7.57	21.132	
200.00	200.00	200.00	200.00	3.30	3.30	0.50	159.93	1.39	159.94	152.37	7.57	21.132	CC, ES
300.00	300.00	298.59	298.59	3.34	3.34	112.51	160.15	1.04	160.32	152.67	7.65	20.953	SF
400.00	399.93	395.69	395.63	3.40	3.41	112.56	161.88	-1.76	163.42	155.65	7.77	21.034	
500.00	499.68	492.59	492.30	3.49	3.49	112.66	165.34	-7.33	169.61	161.67	7.93	21.378	
600.00	599.13	589.15	588.36	3.59	3.60	112.79	170.50	-15.65	178.87	170.72	8.15	21.952	
700.00	698.15	685.24	683.57	3.74	3.73	112.92	177.32	-26.65	191.19	182.77	8.42	22.707	
800.00	796.63	780.72	777.69	3.92	3.90	113.05	185.76	-40.27	206.53	197.77	8.76	23.587	
900.00	894.44	875.49	870.53	4.15	4.10	113.15	195.77	-56.41	224.86	215.69	9.17	24.532	
1,000.00	991.48	969.43	961.89	4.44	4.34	113.29	207.28	-74.98	246.09	236.44	9.66	25.482	
1,100.00	1,088.28	1,063.00	1,052.13	4.76	4.63	113.28	220.31	-95.99	269.28	259.07	10.21	26.362	
1,200.00	1,185.07	1,160.11	1,145.43	5.12	4.97	113.04	234.50	-118.87	293.12	282.26	10.86	26.995	
1,300.00	1,281.86	1,257.22	1,238.74	5.50	5.35	112.84	248.69	-141.76	316.95	305.41	11.55	27.444	
1,400.00	1,378.66	1,354.33	1,332.04	5.89	5.74	112.66	262.88	-164.65	340.80	328.52	12.28	27.757	
1,500.00	1,475.45	1,451.44	1,425.34	6.31	6.15	112.51	277.07	-187.54	364.64	351.60	13.04	27.963	
1,600.00	1,572.24	1,548.55	1,518.64	6.73	6.58	112.37	291.26	-210.43	388.49	374.66	13.83	28.093	
1,700.00	1,669.03	1,645.66	1,611.95	7.17	7.02	112.25	305.45	-233.31	412.34	397.70	14.64	28.167	
1,800.00	1,765.83	1,742.78	1,705.25	7.42	7.38	112.15	319.65	-256.20	436.19	421.19	15.00	29.082	
1,900.00	1,862.62	1,839.89	1,798.55	7.49	7.56	112.05	333.84	-279.09	460.04	444.98	15.06	30.552	
2,000.00	1,959.41	1,937.00	1,891.85	7.59	7.66	111.97	348.03	-301.98	483.89	468.66	15.23	31.766	
2,100.00	2,056.21	2,034.11	1,985.16	7.73	7.78	111.89	362.22	-324.87	507.74	492.28	15.47	32.825	
2,200.00	2,153.00	2,131.22	2,078.46	7.90	7.94	111.82	376.41	-347.75	531.60	515.84	15.76	33.730	
2,300.00	2,249.79	2,228.33	2,171.76	8.10	8.13	111.75	390.60	-370.64	555.45	539.35	16.11	34.486	
2,400.00	2,346.58	2,325.44	2,265.06	8.32	8.35	111.69	404.79	-393.53	579.31	562.81	16.50	35.104	
2,500.00	2,443.38	2,422.55	2,358.37	8.56	8.59	111.64	418.98	-416.42	603.16	586.22	16.95	35.595	
2,600.00	2,540.17	2,519.67	2,451.67	8.83	8.85	111.59	433.17	-439.30	627.02	609.59	17.43	35.971	
2,700.00	2,636.96	2,616.78	2,544.97	9.12	9.14	111.54	447.37	-462.19	650.88	632.92	17.96	36.248	
2,800.00	2,733.76	2,713.89	2,638.27	9.43	9.45	111.50	461.56	-485.08	674.74	656.22	18.52	36.438	
2,900.00	2,830.55	2,811.00	2,731.58	9.75	9.77	111.46	475.75	-507.97	698.59	679.48	19.11	36.554	
3,000.00	2,927.34	2,908.11	2,824.88	10.09	10.11	111.42	489.94	-530.86	722.45	702.72	19.73	36.609	
3,100.00	3,024.13	3,005.22	2,918.18	10.44	10.47	111.39	504.13	-553.74	746.31	725.92	20.38	36.611	
3,200.00	3,120.93	3,102.33	3,011.48	10.81	10.84	111.35	518.32	-576.63	770.17	749.11	21.06	36.572	
3,300.00	3,217.72	3,199.44	3,104.78	11.18	11.22	111.32	532.51	-599.52	794.03	772.27	21.76	36.497	
3,400.00	3,314.51	3,303.45	3,198.09	11.57	11.64	111.29	546.70	-622.41	817.89	795.39	22.50	36.353	
3,500.00	3,411.31	3,406.33	3,291.39	11.96	12.07	111.26	560.89	-645.30	841.74	818.49	23.26	36.195	
3,600.00	3,508.10	3,509.22	3,384.69	12.36	12.50	111.24	575.09	-668.18	865.60	841.57	24.03	36.021	
3,700.00	3,604.89	3,587.89	3,477.99	12.77	12.84	111.21	589.28	-691.07	889.46	864.74	24.72	35.977	
3,800.00	3,701.69	3,685.00	3,571.30	13.19	13.27	111.19	603.47	-713.96	913.32	887.82	25.50	35.814	
3,900.00	3,798.48	3,782.11	3,664.60	13.61	13.70	111.17	617.66	-736.85	937.18	910.89	26.29	35.643	
4,000.00	3,895.27	3,879.22	3,757.90	14.04	14.13	111.15	631.85	-759.74	961.04	933.95	27.10	35.469	
4,100.00	3,992.06	3,976.33	3,851.20	14.47	14.58	111.13	646.04	-782.62	984.90	956.99	27.91	35.291	
4,200.00	4,088.86	4,073.44	3,944.51	14.91	15.02	111.11	660.23	-805.51	1,008.76	980.03	28.73	35.112	
4,300.00	4,185.65	4,170.56	4,037.81	15.35	15.48	111.09	674.42	-828.40	1,032.62	1,003.06	29.56	34.934	
4,400.00	4,282.44	4,267.67	4,131.11	15.80	15.93	111.07	688.61	-851.29	1,056.48	1,026.09	30.40	34.755	
4,500.00	4,379.24	4,364.78	4,224.41	16.25	16.39	111.05	702.81	-874.18	1,080.34	1,049.10	31.24	34.579	
4,600.00	4,476.03	4,461.89	4,317.72	16.70	16.85	111.04	717.00	-897.06	1,104.20	1,072.11	32.09	34.405	
4,700.00	4,572.82	4,559.00	4,411.02	17.16	17.32	111.02	731.19	-919.95	1,128.06	1,095.11	32.95	34.234	
4,800.00	4,669.61	4,656.11	4,504.32	17.62	17.79	111.01	745.38	-942.84	1,151.92	1,118.11	33.82	34.065	
4,900.00	4,766.41	4,753.22	4,597.62	18.08	18.26	110.99	759.57	-965.73	1,175.79	1,141.10	34.68	33.900	
5,000.00	4,863.20	4,850.33	4,690.93	18.54	18.73	110.98	773.76	-988.62	1,199.65	1,164.09	35.56	33.739	

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	
0.00	0.00	0.00	0.00	3.28	3.28	0.44	179.96	1.39	179.97				
100.00	100.00	100.00	100.00	3.28	3.28	0.44	179.96	1.39	179.97	172.44	7.53	23.909	
200.00	200.00	200.00	200.00	3.30	3.30	0.44	179.96	1.39	179.97	172.40	7.57	23.778	
200.00	200.00	200.00	200.00	3.30	3.30	0.44	179.96	1.39	179.97	172.40	7.57	23.778	CC, ES
300.00	300.00	298.19	298.19	3.34	3.34	112.46	180.21	1.07	180.39	172.73	7.65	23.576	SF
400.00	399.93	394.49	394.43	3.40	3.41	112.55	182.16	-1.51	183.73	175.96	7.77	23.649	
500.00	499.68	490.54	490.26	3.49	3.49	112.73	186.05	-6.66	190.40	182.47	7.93	24.005	
600.00	599.13	586.20	585.43	3.59	3.60	112.97	191.85	-14.32	200.39	192.25	8.14	24.607	
700.00	698.15	681.31	679.68	3.74	3.73	113.24	199.51	-24.46	213.68	205.27	8.41	25.405	
800.00	796.63	775.72	772.77	3.92	3.89	113.51	208.98	-36.97	230.24	221.50	8.74	26.342	
900.00	894.44	869.29	864.48	4.15	4.08	113.75	220.18	-51.79	250.03	240.88	9.14	27.355	
1,000.00	991.48	961.90	954.60	4.44	4.32	114.04	233.05	-68.80	272.95	263.33	9.62	28.380	
1,100.00	1,088.28	1,053.70	1,043.20	4.76	4.60	114.25	247.52	-87.94	298.03	287.87	10.16	29.342	
1,200.00	1,185.07	1,145.38	1,130.88	5.12	4.92	113.98	263.66	-109.28	324.78	314.02	10.76	30.192	
1,300.00	1,281.86	1,241.52	1,222.50	5.50	5.31	113.58	281.25	-132.53	352.17	340.72	11.45	30.769	
1,400.00	1,378.66	1,337.67	1,314.12	5.89	5.72	113.23	298.83	-155.78	379.58	367.40	12.18	31.174	
1,500.00	1,475.45	1,433.82	1,405.75	6.31	6.16	112.94	316.42	-179.03	406.99	394.05	12.94	31.457	
1,600.00	1,572.24	1,529.97	1,497.37	6.73	6.61	112.68	334.00	-202.29	434.42	420.69	13.73	31.640	
1,700.00	1,669.03	1,626.12	1,588.99	7.17	7.07	112.45	351.59	-225.54	461.85	447.30	14.55	31.753	
1,800.00	1,765.83	1,722.27	1,680.61	7.42	7.50	112.24	369.17	-248.79	489.29	474.34	14.95	32.722	
1,900.00	1,862.62	1,818.41	1,772.23	7.49	7.74	112.06	386.76	-272.04	516.73	501.68	15.05	34.325	
2,000.00	1,959.41	1,914.56	1,863.86	7.59	7.83	111.90	404.34	-295.29	544.18	528.96	15.22	35.745	
2,100.00	2,056.21	2,010.71	1,955.48	7.73	7.97	111.75	421.93	-318.54	571.63	556.18	15.46	36.986	
2,200.00	2,153.00	2,106.86	2,047.10	7.90	8.13	111.62	439.51	-341.79	599.09	583.34	15.74	38.054	
2,300.00	2,249.79	2,203.01	2,138.72	8.10	8.33	111.49	457.10	-365.05	626.55	610.46	16.09	38.940	
2,400.00	2,346.58	2,300.84	2,230.35	8.32	8.57	111.38	474.68	-388.30	654.01	637.51	16.49	39.656	
2,500.00	2,443.38	2,404.70	2,321.97	8.56	8.85	111.28	492.27	-411.55	681.47	664.51	16.96	40.187	
2,600.00	2,540.17	2,508.55	2,413.59	8.83	9.17	111.18	509.85	-434.80	708.93	691.46	17.47	40.578	
2,700.00	2,636.96	2,587.60	2,505.21	9.12	9.43	111.10	527.44	-458.05	736.40	718.44	17.95	41.014	
2,800.00	2,733.76	2,683.75	2,596.83	9.43	9.76	111.01	545.02	-481.30	763.87	745.34	18.52	41.241	
2,900.00	2,830.55	2,779.90	2,688.46	9.75	10.11	110.94	562.61	-504.55	791.33	772.21	19.12	41.383	
3,000.00	2,927.34	2,876.04	2,780.08	10.09	10.48	110.87	580.19	-527.81	818.80	799.05	19.75	41.452	
3,100.00	3,024.13	2,972.19	2,871.70	10.44	10.86	110.80	597.78	-551.06	846.28	825.86	20.41	41.462	
3,200.00	3,120.93	3,068.34	2,963.32	10.81	11.26	110.74	615.36	-574.31	873.75	852.65	21.09	41.422	
3,300.00	3,217.72	3,164.49	3,054.94	11.18	11.67	110.68	632.95	-597.56	901.22	879.42	21.80	41.343	
3,400.00	3,314.51	3,260.64	3,146.57	11.57	12.09	110.63	650.53	-620.81	928.69	906.17	22.52	41.231	
3,500.00	3,411.31	3,356.79	3,238.19	11.96	12.52	110.57	668.12	-644.06	956.17	932.90	23.27	41.095	
3,600.00	3,508.10	3,452.93	3,329.81	12.36	12.96	110.52	685.70	-667.31	983.64	959.62	24.03	40.938	
3,700.00	3,604.89	3,549.08	3,421.43	12.77	13.41	110.48	703.29	-690.57	1,011.12	986.32	24.80	40.767	
3,800.00	3,701.69	3,645.23	3,513.06	13.19	13.87	110.43	720.87	-713.82	1,038.60	1,013.01	25.59	40.585	
3,900.00	3,798.48	3,741.38	3,604.68	13.61	14.33	110.39	738.46	-737.07	1,066.07	1,039.68	26.39	40.394	
4,000.00	3,895.27	3,837.53	3,696.30	14.04	14.80	110.35	756.04	-760.32	1,093.55	1,066.35	27.20	40.198	
4,100.00	3,992.06	3,933.68	3,787.92	14.47	15.28	110.32	773.63	-783.57	1,121.03	1,093.00	28.03	39.999	
4,200.00	4,088.86	4,029.82	3,879.54	14.91	15.76	110.28	791.21	-806.82	1,148.51	1,119.65	28.86	39.799	
4,300.00	4,185.65	4,125.97	3,971.17	15.35	16.24	110.25	808.80	-830.07	1,175.99	1,146.29	29.70	39.598	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-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)	Offset Wellbore Centre +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	45.48	178.51	181.54	254.60				
100.00	100.00	103.00	97.00	3.28	3.28	45.48	178.51	181.54	254.60	247.08	7.53	33.823	
200.00	200.00	203.00	197.00	3.30	3.30	45.48	178.51	181.54	254.60	247.03	7.57	33.635	
200.00	200.00	203.00	197.00	3.30	3.30	45.48	178.51	181.54	254.60	247.03	7.57	33.635	CC, ES
300.00	300.00	296.01	296.01	3.34	3.34	157.43	178.83	181.35	255.10	247.45	7.65	33.343	
400.00	399.93	393.76	393.70	3.40	3.41	157.00	181.62	179.70	259.13	251.35	7.77	33.342	SF
500.00	499.68	491.08	490.80	3.49	3.49	156.14	187.24	176.38	267.24	259.30	7.94	33.659	
600.00	599.13	587.68	586.90	3.59	3.60	154.94	195.62	171.42	279.48	271.33	8.16	34.271	
700.00	698.15	683.29	681.64	3.74	3.73	153.48	206.66	164.89	295.92	287.50	8.42	35.142	
800.00	796.63	777.64	774.66	3.92	3.89	151.85	220.22	156.88	316.59	307.85	8.74	36.226	
900.00	894.44	871.14	866.29	4.15	4.08	150.14	236.21	147.42	341.49	332.37	9.11	37.466	
1,000.00	991.48	966.79	959.81	4.44	4.30	148.72	253.46	137.21	369.79	360.23	9.56	38.687	
1,100.00	1,088.28	1,062.22	1,053.12	4.76	4.56	147.79	270.68	127.03	399.06	389.03	10.03	39.785	
1,200.00	1,185.07	1,157.65	1,146.43	5.12	4.83	146.98	287.90	116.85	428.42	417.87	10.54	40.636	
1,300.00	1,281.86	1,253.08	1,239.74	5.50	5.11	146.27	305.12	106.66	457.84	446.75	11.09	41.285	
1,400.00	1,378.66	1,348.51	1,333.05	5.89	5.42	145.65	322.34	96.48	487.32	475.66	11.67	41.773	
1,500.00	1,475.45	1,443.94	1,426.36	6.31	5.73	145.10	339.55	86.30	516.85	504.59	12.27	42.132	
1,600.00	1,572.24	1,539.37	1,519.67	6.73	6.05	144.61	356.77	76.12	546.42	533.53	12.89	42.391	
1,700.00	1,669.03	1,634.80	1,612.98	7.17	6.39	144.17	373.99	65.93	576.02	562.49	13.53	42.570	
1,800.00	1,765.83	1,730.23	1,706.29	7.42	6.68	143.77	391.21	55.75	605.65	591.85	13.80	43.888	
1,900.00	1,862.62	1,825.65	1,799.60	7.49	6.83	143.41	408.43	45.57	635.30	621.48	13.82	45.974	
2,000.00	1,959.41	1,921.08	1,892.91	7.59	6.89	143.09	425.64	35.38	664.97	651.03	13.94	47.702	
2,100.00	2,056.21	2,016.51	1,986.22	7.73	6.97	142.79	442.86	25.20	694.66	680.56	14.11	49.249	
2,200.00	2,153.00	2,111.94	2,079.53	7.90	7.07	142.51	460.08	15.02	724.37	710.06	14.31	50.611	
2,300.00	2,249.79	2,207.37	2,172.84	8.10	7.20	142.26	477.30	4.84	754.09	739.53	14.56	51.789	
2,400.00	2,346.58	2,302.80	2,266.15	8.32	7.34	142.02	494.52	-5.35	783.82	768.98	14.85	52.791	
2,500.00	2,443.38	2,401.77	2,359.46	8.56	7.51	141.80	511.73	-15.53	813.57	798.39	15.18	53.604	
2,600.00	2,540.17	2,506.34	2,452.77	8.83	7.71	141.60	528.95	-25.71	843.32	827.77	15.55	54.222	
2,700.00	2,636.96	2,589.09	2,546.08	9.12	7.88	141.41	546.17	-35.90	873.09	857.17	15.92	54.843	
2,800.00	2,733.76	2,684.52	2,639.39	9.43	8.09	141.24	563.39	-46.08	902.86	886.52	16.34	55.257	
2,900.00	2,830.55	2,779.95	2,732.70	9.75	8.31	141.07	580.61	-56.26	932.64	915.85	16.79	55.561	
3,000.00	2,927.34	2,875.38	2,826.01	10.09	8.55	140.92	597.83	-66.45	962.42	945.17	17.26	55.768	
3,100.00	3,024.13	2,970.81	2,919.32	10.44	8.80	140.77	615.04	-76.63	992.21	974.46	17.75	55.892	
3,200.00	3,120.93	3,066.24	3,012.63	10.81	9.06	140.64	632.26	-86.81	1,022.01	1,003.74	18.27	55.945	
3,300.00	3,217.72	3,161.67	3,105.94	11.18	9.33	140.51	649.48	-96.99	1,051.81	1,033.01	18.80	55.937	
3,400.00	3,314.51	3,257.10	3,199.25	11.57	9.61	140.39	666.70	-107.18	1,081.62	1,062.26	19.36	55.879	
3,500.00	3,411.31	3,352.53	3,292.56	11.96	9.90	140.27	683.92	-117.36	1,111.43	1,091.50	19.93	55.779	
3,600.00	3,508.10	3,447.96	3,385.87	12.36	10.19	140.16	701.13	-127.54	1,141.24	1,120.73	20.51	55.643	
3,700.00	3,604.89	3,543.39	3,479.18	12.77	10.49	140.06	718.35	-137.73	1,171.06	1,149.96	21.11	55.480	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-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)	Offset Wellbore Centre +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	48.84	158.47	181.26	240.77				
100.00	100.00	103.00	97.00	3.28	3.28	48.84	158.47	181.26	240.77	233.24	7.53	31.985	
200.00	200.00	203.00	197.00	3.30	3.30	48.84	158.47	181.26	240.77	233.20	7.57	31.807	CC, ES
200.17	200.17	202.83	197.17	3.30	3.30	48.84	158.47	181.26	240.77	233.20	7.57	31.807	
300.00	300.00	296.59	296.59	3.34	3.34	160.78	158.78	181.04	241.22	233.57	7.65	31.528	
400.00	399.93	395.59	395.53	3.40	3.41	160.25	161.49	179.13	244.87	237.10	7.77	31.505	SF
500.00	499.68	494.18	493.89	3.49	3.50	159.21	166.96	175.26	252.24	244.30	7.94	31.763	
600.00	599.13	592.11	591.29	3.59	3.61	157.75	175.13	169.49	263.42	255.26	8.16	32.286	
700.00	698.15	689.10	687.38	3.74	3.74	155.98	185.90	161.88	278.51	270.08	8.43	33.045	
800.00	796.63	785.14	782.03	3.92	3.90	154.00	199.15	152.51	297.60	288.85	8.75	34.002	
900.00	894.44	882.18	877.45	4.15	4.10	152.23	213.60	142.30	320.29	311.15	9.14	35.060	
1,000.00	991.48	978.61	972.26	4.44	4.32	150.97	227.95	132.16	346.06	336.49	9.57	36.149	
1,100.00	1,088.28	1,074.83	1,066.87	4.76	4.56	150.13	242.27	122.04	372.81	362.78	10.04	37.144	
1,200.00	1,185.07	1,171.05	1,161.48	5.12	4.81	149.40	256.59	111.92	399.63	389.09	10.54	37.922	
1,300.00	1,281.86	1,267.27	1,256.09	5.50	5.08	148.76	270.91	101.80	426.49	415.42	11.07	38.521	
1,400.00	1,378.66	1,363.49	1,350.70	5.89	5.37	148.20	285.23	91.68	453.40	441.77	11.63	38.977	
1,500.00	1,475.45	1,459.71	1,445.31	6.31	5.66	147.70	299.54	81.56	480.35	468.13	12.22	39.314	
1,600.00	1,572.24	1,555.94	1,539.93	6.73	5.96	147.25	313.86	71.44	507.32	494.50	12.82	39.562	
1,700.00	1,669.03	1,652.16	1,634.54	7.17	6.27	146.85	328.18	61.32	534.33	520.88	13.45	39.738	
1,800.00	1,765.83	1,748.38	1,729.15	7.42	6.51	146.49	342.50	51.20	561.35	547.68	13.67	41.061	
1,900.00	1,862.62	1,844.60	1,823.76	7.49	6.63	146.16	356.82	41.08	588.39	574.74	13.66	43.090	
2,000.00	1,959.41	1,940.82	1,918.37	7.59	6.68	145.86	371.14	30.96	615.45	601.68	13.77	44.684	
2,100.00	2,056.21	2,037.04	2,012.98	7.73	6.76	145.58	385.46	20.84	642.53	628.59	13.93	46.112	
2,200.00	2,153.00	2,133.26	2,107.59	7.90	6.85	145.33	399.78	10.72	669.61	655.48	14.13	47.373	
2,300.00	2,249.79	2,229.49	2,202.20	8.10	6.97	145.10	414.10	0.60	696.71	682.33	14.37	48.467	
2,400.00	2,346.58	2,325.71	2,296.81	8.32	7.10	144.88	428.42	-9.52	723.82	709.16	14.65	49.401	
2,500.00	2,443.38	2,421.93	2,391.42	8.56	7.24	144.68	442.74	-19.64	750.93	735.97	14.96	50.183	
2,600.00	2,540.17	2,518.15	2,486.03	8.83	7.41	144.50	457.06	-29.76	778.06	762.75	15.31	50.824	
2,700.00	2,636.96	2,614.37	2,580.64	9.12	7.58	144.32	471.38	-39.88	805.19	789.50	15.68	51.337	
2,800.00	2,733.76	2,710.59	2,675.25	9.43	7.78	144.16	485.70	-50.00	832.32	816.24	16.09	51.734	
2,900.00	2,830.55	2,806.81	2,769.86	9.75	7.98	144.01	500.02	-60.13	859.47	842.95	16.52	52.029	
3,000.00	2,927.34	2,903.04	2,864.47	10.09	8.20	143.86	514.34	-70.25	886.62	869.64	16.97	52.234	
3,100.00	3,024.13	3,000.74	2,959.08	10.44	8.43	143.73	528.66	-80.37	913.77	896.32	17.45	52.351	
3,200.00	3,120.93	3,104.52	3,053.69	10.81	8.69	143.60	542.98	-90.49	940.93	922.96	17.97	52.356	
3,300.00	3,217.72	3,191.70	3,148.30	11.18	8.91	143.48	557.30	-100.61	968.09	949.62	18.47	52.423	
3,400.00	3,314.51	3,287.92	3,242.91	11.57	9.17	143.37	571.62	-110.73	995.26	976.25	19.00	52.378	
3,500.00	3,411.31	3,384.14	3,337.52	11.96	9.43	143.26	585.94	-120.85	1,022.42	1,002.87	19.55	52.294	
3,600.00	3,508.10	3,480.36	3,432.13	12.36	9.70	143.16	600.26	-130.97	1,049.60	1,029.48	20.12	52.176	
3,700.00	3,604.89	3,576.59	3,526.74	12.77	9.98	143.07	614.58	-141.09	1,076.77	1,056.08	20.69	52.031	
3,800.00	3,701.69	3,672.81	3,621.35	13.19	10.26	142.97	628.90	-151.21	1,103.95	1,082.66	21.29	51.864	
3,900.00	3,798.48	3,769.03	3,715.96	13.61	10.55	142.89	643.22	-161.33	1,131.13	1,109.24	21.89	51.680	
4,000.00	3,895.27	3,865.25	3,810.57	14.04	10.85	142.80	657.54	-171.45	1,158.31	1,135.81	22.50	51.482	
4,100.00	3,992.06	3,961.47	3,905.18	14.47	11.15	142.72	671.86	-181.57	1,185.50	1,162.37	23.12	51.273	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-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
0.00	0.00	3.00	-3.00	3.28	3.28	77.92	38.62	180.43	184.51				
100.00	100.00	103.00	97.00	3.28	3.28	77.92	38.62	180.43	184.51	176.99	7.53	24.512	
200.00	200.00	203.00	197.00	3.30	3.30	77.92	38.62	180.43	184.51	176.94	7.57	24.376	
300.00	300.00	300.22	300.21	3.34	3.34	-170.09	38.48	180.01	184.53	176.88	7.65	24.121	
400.00	399.93	407.06	406.98	3.40	3.41	-170.17	37.28	176.34	184.38	176.61	7.76	23.755	
500.00	499.68	513.89	513.52	3.49	3.50	-170.31	34.84	168.88	183.95	176.04	7.91	23.250	
561.32	560.71	578.06	577.35	3.55	3.57	-170.43	32.81	162.66	183.62	175.60	8.03	22.875	CC, ES
600.00	599.13	616.73	615.80	3.59	3.62	-170.54	31.52	158.71	183.88	175.77	8.11	22.669	
700.00	698.15	716.67	715.16	3.74	3.76	-170.91	28.18	148.50	186.94	178.58	8.36	22.359	
800.00	796.63	816.44	814.35	3.92	3.92	-171.42	24.85	138.30	193.45	184.80	8.65	22.355	
900.00	894.44	915.91	913.25	4.15	4.10	-172.02	21.53	128.14	203.42	194.44	8.99	22.635	
1,000.00	991.48	1,014.98	1,011.74	4.44	4.29	-172.68	18.22	118.02	216.77	207.41	9.36	23.156	
1,100.00	1,088.28	1,113.91	1,110.10	4.76	4.51	-173.32	14.91	107.91	231.18	221.42	9.76	23.696	
1,200.00	1,185.07	1,212.83	1,208.45	5.12	4.73	-173.89	11.61	97.81	245.61	235.43	10.18	24.132	
1,300.00	1,281.86	1,311.76	1,306.80	5.50	4.96	-174.39	8.31	87.70	260.06	249.43	10.62	24.480	
1,400.00	1,378.66	1,410.69	1,405.15	5.89	5.21	-174.84	5.00	77.59	274.52	263.44	11.09	24.758	
1,500.00	1,475.45	1,509.61	1,503.51	6.31	5.46	-175.25	1.70	67.49	289.01	277.44	11.57	24.976	
1,600.00	1,572.24	1,608.54	1,601.86	6.73	5.72	-175.61	-1.60	57.38	303.50	291.43	12.07	25.145	
1,700.00	1,669.03	1,707.47	1,700.21	7.17	5.98	-175.94	-4.91	47.28	318.01	305.43	12.58	25.276	
1,800.00	1,765.83	1,806.39	1,798.57	7.42	6.11	-176.25	-8.21	37.17	332.53	320.06	12.46	26.683	
1,900.00	1,862.62	1,905.32	1,896.92	7.49	6.14	-176.53	-11.51	27.06	347.05	334.55	12.50	27.770	
2,000.00	1,959.41	2,004.24	1,995.27	7.59	6.18	-176.78	-14.82	16.96	361.58	349.02	12.57	28.774	
2,100.00	2,056.21	2,103.17	2,093.63	7.73	6.24	-177.02	-18.12	6.85	376.12	363.45	12.67	29.689	
2,200.00	2,153.00	2,202.10	2,191.98	7.90	6.32	-177.24	-21.42	-3.26	390.67	377.86	12.80	30.512	
2,300.00	2,249.79	2,301.02	2,290.33	8.10	6.41	-177.44	-24.73	-13.36	405.22	392.25	12.97	31.243	
2,400.00	2,346.58	2,400.05	2,388.69	8.32	6.52	-177.63	-28.03	-23.47	419.77	406.60	13.17	31.881	
2,500.00	2,443.38	2,501.13	2,487.04	8.56	6.64	-177.80	-31.33	-33.57	434.33	420.93	13.39	32.427	
2,600.00	2,540.17	2,602.20	2,585.39	8.83	6.78	-177.97	-34.64	-43.68	448.89	435.24	13.65	32.887	
2,700.00	2,636.96	2,703.27	2,683.74	9.12	6.93	-178.12	-37.94	-53.79	463.46	449.53	13.93	33.268	
2,800.00	2,733.76	2,804.35	2,782.10	9.43	7.09	-178.27	-41.24	-63.89	478.02	463.79	14.24	33.577	
2,900.00	2,830.55	2,905.42	2,880.45	9.75	7.26	-178.40	-44.55	-74.00	492.60	478.03	14.57	33.820	
3,000.00	2,927.34	3,006.50	2,978.80	10.09	7.45	-178.53	-47.85	-84.11	507.17	492.26	14.92	34.004	
3,100.00	3,024.13	3,107.57	3,077.16	10.44	7.64	-178.65	-51.15	-94.21	521.75	506.46	15.28	34.135	
3,200.00	3,120.93	3,208.64	3,175.51	10.81	7.84	-178.77	-54.46	-104.32	536.32	520.65	15.67	34.221	
3,300.00	3,217.72	3,309.72	3,273.86	11.18	8.06	-178.88	-57.76	-114.42	550.91	534.83	16.08	34.266	
3,400.00	3,314.51	3,389.21	3,372.22	11.57	8.23	-178.98	-61.06	-124.53	565.49	549.03	16.46	34.361	
3,500.00	3,411.31	3,488.13	3,470.57	11.96	8.45	-179.08	-64.37	-134.64	580.07	563.19	16.89	34.351	
3,600.00	3,508.10	3,587.06	3,568.92	12.36	8.67	-179.17	-67.67	-144.74	594.66	577.33	17.33	34.316	
3,700.00	3,604.89	3,685.99	3,667.27	12.77	8.90	-179.26	-70.97	-154.85	609.24	591.46	17.78	34.260	
3,800.00	3,701.69	3,784.91	3,765.63	13.19	9.14	-179.34	-74.28	-164.96	623.83	605.58	18.25	34.185	
3,900.00	3,798.48	3,883.84	3,863.98	13.61	9.38	-179.42	-77.58	-175.06	638.42	619.70	18.72	34.096	
4,000.00	3,895.27	3,982.76	3,962.33	14.04	9.63	-179.50	-80.88	-185.17	653.01	633.80	19.21	33.994	
4,100.00	3,992.06	4,081.69	4,060.69	14.47	9.88	-179.57	-84.19	-195.27	667.61	647.90	19.70	33.881	
4,200.00	4,088.86	4,180.62	4,159.04	14.91	10.14	-179.65	-87.49	-205.38	682.20	661.99	20.21	33.761	
4,300.00	4,185.65	4,279.54	4,257.39	15.35	10.40	-179.71	-90.79	-215.49	696.79	676.08	20.72	33.635	
4,400.00	4,282.44	4,378.47	4,355.75	15.80	10.66	-179.78	-94.10	-225.59	711.39	690.15	21.23	33.503	
4,500.00	4,379.24	4,477.40	4,454.10	16.25	10.93	-179.84	-97.40	-235.70	725.98	704.23	21.76	33.368	
4,600.00	4,476.03	4,576.32	4,552.45	16.70	11.20	-179.90	-100.70	-245.81	740.58	718.29	22.29	33.231	
4,700.00	4,572.82	4,675.25	4,650.80	17.16	11.47	-179.96	-104.01	-255.91	755.18	732.36	22.82	33.091	
4,800.00	4,669.61	4,774.17	4,749.16	17.62	11.74	179.99	-107.31	-266.02	769.78	746.41	23.36	32.951	
4,900.00	4,766.41	4,873.10	4,847.51	18.08	12.02	179.93	-110.61	-276.13	784.37	760.47	23.91	32.810	
5,000.00	4,863.20	4,972.03	4,945.86	18.54	12.30	179.88	-113.92	-286.23	798.97	774.52	24.46	32.670	
5,100.00	4,959.99	5,070.95	5,044.22	19.01	12.58	179.83	-117.22	-296.34	813.57	788.56	25.01	32.531	
5,200.00	5,056.79	5,169.88	5,142.57	19.47	12.86	179.79	-120.52	-306.44	828.17	802.61	25.57	32.392	
5,300.00	5,153.58	5,268.80	5,240.92	19.94	13.14	179.74	-123.83	-316.55	842.78	816.65	26.13	32.255	
5,400.00	5,250.37	5,367.73	5,339.28	20.41	13.43	179.70	-127.13	-326.66	857.38	830.68	26.69	32.120	
5,500.00	5,347.16	5,466.66	5,437.63	20.89	13.72	179.65	-130.43	-336.76	871.98	844.72	27.26	31.986	
5,600.00	5,443.96	5,565.58	5,535.98	21.36	14.01	179.61	-133.74	-346.87	886.58	858.75	27.83	31.854	
5,700.00	5,540.75	5,664.51	5,634.34	21.84	14.30	179.57	-137.04	-356.98	901.18	872.78	28.41	31.725	
5,800.00	5,637.54	5,763.43	5,732.69	22.31	14.59	179.53	-140.34	-367.08	915.79	886.80	28.98	31.598	
5,900.00	5,734.34	5,862.36	5,831.04	22.79	14.88	179.50	-143.65	-377.19	930.39	900.83	29.56	31.473	
6,000.00	5,831.13	5,961.29	5,929.39	23.27	15.18	179.46	-146.95	-387.29	945.00	914.85	30.14	31.350	
6,100.00	5,927.92	6,060.21	6,027.75	23.75	15.47	179.42	-150.25	-397.40	959.60	928.87	30.73	31.230	
6,200.00	6,024.71	6,159.14	6,126.10	24.23	15.77	179.39	-153.56	-407.51	974.21	942.89	31.31	31.112	
6,300.00	6,121.51	6,258.06	6,224.45	24.72	16.07	179.36	-156.86	-417.61	988.81	956.91	31.90	30.996	
6,400.00	6,218.30	6,356.99	6,322.81	25.20	16.37	179.32	-160.16	-427.72	1,003.42	970.93	32.49	30.883	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,315.09	7,841.96	7,155.56	25.68	34.25	135.32	-192.12	-1,374.50	917.88	882.11	35.77	25.660	
6,600.00	6,411.92	7,865.00	7,155.53	26.15	34.81	133.09	-192.23	-1,397.54	833.86	795.91	37.95	21.975	
6,700.00	6,510.45	7,878.29	7,155.51	26.34	35.14	154.38	-192.29	-1,410.82	751.72	711.25	40.47	18.575	
6,800.00	6,609.83	7,875.93	7,155.51	26.45	35.08	-141.39	-192.28	-1,408.46	673.58	630.23	43.35	15.539	
6,900.00	6,707.64	7,857.97	7,155.54	26.51	34.64	-124.92	-192.20	-1,390.51	603.11	556.61	46.49	12.972	
7,000.00	6,801.46	7,824.87	7,155.59	26.57	33.84	-120.24	-192.04	-1,357.40	543.81	494.15	49.66	10.951	
7,100.00	6,888.97	7,777.43	7,155.66	26.67	32.70	-116.28	-191.83	-1,309.96	498.46	446.05	52.41	9.511	
7,200.00	6,968.03	7,716.82	7,155.76	26.85	31.28	-111.33	-191.55	-1,249.35	468.19	413.91	54.28	8.626	
7,300.00	7,036.68	7,644.53	7,155.87	27.18	29.65	-105.43	-191.22	-1,177.07	451.89	396.86	55.03	8.211	
7,400.00	7,093.25	7,562.35	7,155.99	27.71	27.86	-99.25	-190.84	-1,094.89	446.31	391.48	54.83	8.140 SF	
7,432.49	7,108.78	7,532.54	7,155.59	27.95	27.24	-97.21	-190.69	-1,065.08	446.06	391.44	54.62	8.166	
7,500.00	7,136.32	7,471.73	7,150.53	28.47	26.01	-93.03	-190.24	-1,004.51	447.09	392.96	54.13	8.259	
7,600.00	7,164.85	7,386.34	7,133.73	29.48	24.38	-87.19	-189.30	-920.86	452.11	398.45	53.66	8.426	
7,700.00	7,178.13	7,305.43	7,107.62	30.71	22.99	-81.83	-188.08	-844.34	460.50	407.06	53.44	8.618	
7,800.00	7,180.41	7,229.79	7,074.63	32.13	21.84	-77.45	-186.67	-776.34	472.62	419.17	53.45	8.842	
7,900.00	7,182.26	7,163.24	7,039.12	33.77	20.95	-73.22	-185.23	-720.12	492.24	438.67	53.57	9.189	
8,000.00	7,184.10	7,105.55	7,003.72	35.60	20.28	-69.23	-183.85	-674.60	520.78	467.17	53.61	9.714	
8,100.00	7,185.95	7,055.83	6,970.02	37.58	19.77	-65.65	-182.57	-638.08	558.65	505.15	53.50	10.442	
8,200.00	7,187.80	7,013.03	6,938.80	39.69	19.37	-62.53	-181.40	-608.84	605.42	552.19	53.23	11.374	
8,300.00	7,189.64	6,976.11	6,910.35	41.91	19.06	-59.85	-180.35	-585.34	660.18	607.35	52.83	12.495	
8,400.00	7,191.49	6,950.00	6,889.43	44.22	18.85	-57.97	-179.58	-569.75	721.87	669.45	52.41	13.773	
8,500.00	7,193.34	6,916.33	6,861.53	46.61	18.61	-55.60	-178.57	-550.92	789.22	737.36	51.86	15.218	
8,600.00	7,195.18	6,900.00	6,847.66	49.07	18.50	-54.48	-178.07	-542.33	861.47	810.08	51.40	16.761	
8,700.00	7,197.03	6,870.58	6,822.12	51.58	18.31	-52.49	-177.16	-527.76	937.49	886.62	50.87	18.427	
8,800.00	7,198.88	6,850.00	6,803.87	54.14	18.18	-51.14	-176.51	-518.27	1,016.83	966.42	50.41	20.171	
8,900.00	7,200.73	6,834.79	6,790.19	56.74	18.09	-50.16	-176.03	-511.65	1,098.83	1,048.84	49.99	21.979	
9,000.00	7,202.57	6,819.73	6,776.48	59.37	18.01	-49.21	-175.54	-505.41	1,183.06	1,133.46	49.61	23.850	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-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
0.00	0.00	3.00	-3.00	3.28	3.28	71.99	58.65	180.43	189.72				
100.00	100.00	103.00	97.00	3.28	3.28	71.99	58.65	180.43	189.72	182.19	7.53	25.204	
200.00	200.00	203.00	197.00	3.30	3.30	71.99	58.65	180.43	189.72	182.15	7.57	25.064	
300.00	300.00	300.20	300.19	3.34	3.34	-176.05	58.64	179.99	189.76	182.11	7.65	24.803	
400.00	399.93	406.98	406.90	3.40	3.41	-176.45	58.50	176.13	189.77	182.01	7.76	24.441	
500.00	499.68	513.72	513.34	3.49	3.50	-177.26	58.23	168.31	189.71	181.80	7.92	23.962	
542.94	542.43	559.52	558.92	3.53	3.56	-177.74	58.07	163.73	189.68	181.69	8.00	23.723	CC, ES
600.00	599.13	616.10	615.18	3.59	3.62	-178.36	57.86	157.78	190.36	182.24	8.12	23.444	
700.00	698.15	715.95	714.48	3.74	3.76	-179.45	57.49	147.27	194.32	185.95	8.37	23.215	
800.00	796.63	815.60	813.57	3.92	3.92	179.51	57.13	136.77	201.84	193.18	8.66	23.297	
900.00	894.44	914.92	912.34	4.15	4.10	178.56	56.76	126.31	212.89	203.90	9.00	23.662	
1,000.00	991.48	1,013.81	1,010.68	4.44	4.29	177.73	56.40	115.89	227.37	218.00	9.37	24.261	
1,100.00	1,088.28	1,112.55	1,108.87	4.76	4.50	177.03	56.04	105.49	242.92	233.16	9.77	24.875	
1,200.00	1,185.07	1,211.30	1,207.07	5.12	4.72	176.41	55.67	95.09	258.50	248.32	10.19	25.375	
1,300.00	1,281.86	1,310.04	1,305.26	5.50	4.95	175.86	55.31	84.69	274.11	263.48	10.63	25.779	
1,400.00	1,378.66	1,408.78	1,403.45	5.89	5.19	175.37	54.95	74.29	289.74	278.65	11.10	26.105	
1,500.00	1,475.45	1,507.52	1,501.64	6.31	5.44	174.93	54.58	63.89	305.40	293.81	11.58	26.363	
1,600.00	1,572.24	1,606.26	1,599.83	6.73	5.69	174.53	54.22	53.49	321.06	308.98	12.09	26.566	
1,700.00	1,669.03	1,705.01	1,698.03	7.17	5.95	174.17	53.86	43.09	336.74	324.14	12.60	26.725	
1,800.00	1,765.83	1,803.75	1,796.22	7.42	6.08	173.84	53.49	32.68	352.43	339.94	12.49	28.212	
1,900.00	1,862.62	1,902.49	1,894.41	7.49	6.11	173.54	53.13	22.28	368.13	355.60	12.53	29.373	
2,000.00	1,959.41	2,001.23	1,992.60	7.59	6.15	173.26	52.77	11.88	383.85	371.24	12.61	30.444	
2,100.00	2,056.21	2,099.97	2,090.79	7.73	6.21	173.01	52.40	1.48	399.56	386.85	12.72	31.421	
2,200.00	2,153.00	2,201.28	2,188.99	7.90	6.29	172.77	52.04	-8.92	415.29	402.43	12.86	32.295	
2,300.00	2,249.79	2,302.54	2,287.18	8.10	6.38	172.56	51.68	-19.32	431.02	417.99	13.03	33.069	
2,400.00	2,346.58	2,403.80	2,385.37	8.32	6.49	172.35	51.31	-29.72	446.76	433.52	13.24	33.743	
2,500.00	2,443.38	2,505.06	2,483.56	8.56	6.61	172.16	50.95	-40.12	462.50	449.03	13.48	34.322	
2,600.00	2,540.17	2,606.32	2,581.75	8.83	6.74	171.99	50.59	-50.52	478.25	464.51	13.74	34.811	
2,700.00	2,636.96	2,707.57	2,679.95	9.12	6.89	171.82	50.22	-60.92	494.00	479.98	14.03	35.216	
2,800.00	2,733.76	2,808.83	2,778.14	9.43	7.05	171.67	49.86	-71.32	509.76	495.42	14.34	35.543	
2,900.00	2,830.55	2,889.91	2,876.33	9.75	7.19	171.52	49.50	-81.72	525.52	510.87	14.65	35.874	
3,000.00	2,927.34	2,988.65	2,974.52	10.09	7.36	171.39	49.13	-92.12	541.28	526.28	15.00	36.081	
3,100.00	3,024.13	3,087.39	3,072.71	10.44	7.55	171.26	48.77	-102.52	557.05	541.67	15.37	36.233	
3,200.00	3,120.93	3,186.14	3,170.90	10.81	7.74	171.13	48.41	-112.92	572.81	557.05	15.76	36.336	
3,300.00	3,217.72	3,284.88	3,269.10	11.18	7.94	171.02	48.04	-123.33	588.58	572.41	16.17	36.396	
3,400.00	3,314.51	3,383.62	3,367.29	11.57	8.15	170.91	47.68	-133.73	604.36	587.76	16.59	36.420	
3,500.00	3,411.31	3,482.36	3,465.48	11.96	8.36	170.80	47.32	-144.13	620.13	603.10	17.03	36.411	
3,600.00	3,508.10	3,581.10	3,563.67	12.36	8.58	170.71	46.95	-154.53	635.91	618.42	17.48	36.376	
3,700.00	3,604.89	3,679.84	3,661.86	12.77	8.81	170.61	46.59	-164.93	651.68	633.74	17.94	36.318	
3,800.00	3,701.69	3,778.59	3,760.06	13.19	9.04	170.52	46.23	-175.33	667.46	649.05	18.42	36.240	
3,900.00	3,798.48	3,877.33	3,858.25	13.61	9.28	170.44	45.86	-185.73	683.25	664.34	18.90	36.147	
4,000.00	3,895.27	3,976.07	3,956.44	14.04	9.52	170.35	45.50	-196.13	699.03	679.63	19.40	36.040	
4,100.00	3,992.06	4,074.81	4,054.63	14.47	9.77	170.28	45.14	-206.53	714.81	694.91	19.90	35.922	
4,200.00	4,088.86	4,173.55	4,152.82	14.91	10.02	170.20	44.77	-216.93	730.60	710.19	20.41	35.796	
4,300.00	4,185.65	4,272.30	4,251.02	15.35	10.27	170.13	44.41	-227.33	746.38	725.45	20.93	35.664	
4,400.00	4,282.44	4,371.04	4,349.21	15.80	10.53	170.06	44.05	-237.73	762.17	740.72	21.45	35.526	
4,500.00	4,379.24	4,469.78	4,447.40	16.25	10.79	170.00	43.68	-248.13	777.96	755.97	21.99	35.384	
4,600.00	4,476.03	4,568.52	4,545.59	16.70	11.06	169.93	43.32	-258.53	793.75	771.22	22.52	35.239	
4,700.00	4,572.82	4,667.26	4,643.78	17.16	11.32	169.87	42.96	-268.94	809.54	786.47	23.07	35.092	
4,800.00	4,669.61	4,766.01	4,741.98	17.62	11.59	169.81	42.59	-279.34	825.33	801.71	23.62	34.945	
4,900.00	4,766.41	4,864.75	4,840.17	18.08	11.86	169.76	42.23	-289.74	841.12	816.95	24.17	34.797	
5,000.00	4,863.20	4,963.49	4,938.36	18.54	12.14	169.70	41.87	-300.14	856.91	832.18	24.73	34.650	
5,100.00	4,959.99	5,062.23	5,036.55	19.01	12.41	169.65	41.50	-310.54	872.71	847.41	25.29	34.503	
5,200.00	5,056.79	5,160.97	5,134.74	19.47	12.69	169.60	41.14	-320.94	888.50	862.64	25.86	34.357	
5,300.00	5,153.58	5,259.72	5,232.94	19.94	12.97	169.55	40.78	-331.34	904.30	877.86	26.43	34.213	
5,400.00	5,250.37	5,358.46	5,331.13	20.41	13.25	169.51	40.41	-341.74	920.09	893.09	27.01	34.070	
5,500.00	5,347.16	5,457.20	5,429.32	20.89	13.53	169.46	40.05	-352.14	935.89	908.30	27.58	33.930	
5,600.00	5,443.96	5,555.94	5,527.51	21.36	13.82	169.42	39.69	-362.54	951.68	923.52	28.16	33.791	
5,700.00	5,540.75	5,654.68	5,625.70	21.84	14.10	169.37	39.32	-372.94	967.48	938.73	28.75	33.655	
5,800.00	5,637.54	5,753.42	5,723.90	22.31	14.39	169.33	38.96	-383.34	983.28	953.94	29.33	33.521	
5,900.00	5,734.34	5,852.17	5,822.09	22.79	14.68	169.29	38.60	-393.74	999.08	969.15	29.92	33.389	
6,000.00	5,831.13	5,950.91	5,920.28	23.27	14.97	169.25	38.23	-404.14	1,014.87	984.36	30.51	33.260	
6,100.00	5,927.92	6,049.65	6,018.47	23.75	15.26	169.22	37.87	-414.54	1,030.67	999.57	31.11	33.133	
6,200.00	6,024.71	6,148.39	6,116.66	24.23	15.55	169.18	37.51	-424.95	1,046.47	1,014.77	31.70	33.009	
6,300.00	6,121.51	6,241.57	6,209.68	24.72	15.84	169.14	37.15	-435.35	1,062.27	1,030.57	32.29	32.886	
6,400.00	6,218.30	6,342.79	6,310.65	25.20	16.13	169.10	36.79	-445.75	1,078.07	1,046.37	32.88	32.763	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-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	
6,500.00	6,315.09	7,648.01	6,962.62	25.68	33.96	124.38	29.39	-1,375.79	873.91	828.92	44.99	19.425	
6,600.00	6,411.92	7,671.08	6,962.59	26.15	34.53	123.58	29.26	-1,398.86	811.17	762.83	48.34	16.782	
6,700.00	6,510.45	7,684.40	6,962.57	26.34	34.86	151.94	29.18	-1,412.18	754.99	703.33	51.66	14.614	
6,800.00	6,609.83	7,682.07	6,962.57	26.45	34.80	-137.45	29.19	-1,409.85	708.05	653.38	54.67	12.950	
6,900.00	6,707.64	7,664.15	6,962.60	26.51	34.36	-116.12	29.30	-1,391.92	673.40	616.43	56.97	11.819	
7,000.00	6,801.46	7,631.07	6,962.64	26.57	33.54	-107.93	29.49	-1,358.85	652.63	594.42	58.21	11.212	
7,100.00	6,888.97	7,583.66	6,962.70	26.67	32.39	-101.49	29.76	-1,311.44	645.37	587.11	58.25	11.079 SF	
7,110.44	6,897.66	7,577.93	6,962.71	26.69	32.25	-100.82	29.80	-1,305.70	645.31	587.10	58.20	11.088	
7,200.00	6,968.03	7,523.07	6,962.78	26.85	30.95	-94.99	30.11	-1,250.85	649.25	591.95	57.30	11.331	
7,300.00	7,036.68	7,450.81	6,962.88	27.18	29.29	-88.45	30.53	-1,178.59	660.62	604.87	55.75	11.849	
7,400.00	7,093.25	7,368.65	6,962.99	27.71	27.46	-82.45	31.01	-1,096.43	675.39	621.36	54.03	12.499	
7,500.00	7,136.32	7,296.25	6,959.86	28.47	25.93	-77.83	31.44	-1,024.13	690.91	637.94	52.97	13.043	
7,600.00	7,164.85	7,227.42	6,949.34	29.48	24.55	-73.89	31.86	-956.15	706.68	654.33	52.35	13.500	
7,700.00	7,178.13	7,160.29	6,932.07	30.71	23.28	-70.56	32.29	-891.32	721.72	669.63	52.09	13.856	
7,800.00	7,180.41	7,100.00	6,910.82	32.13	22.23	-68.62	32.68	-834.92	737.27	685.06	52.21	14.120	
7,900.00	7,182.26	7,036.54	6,882.81	33.77	21.24	-66.54	33.10	-778.01	758.09	705.76	52.32	14.489	
8,000.00	7,184.10	6,983.13	6,854.93	35.60	20.48	-64.54	33.45	-732.47	784.92	732.30	52.62	14.917	
8,100.00	7,185.95	6,935.32	6,826.81	37.58	19.87	-62.61	33.76	-693.81	818.05	765.11	52.94	15.452	
8,200.00	7,187.80	6,900.00	6,804.22	39.69	19.46	-61.10	33.99	-666.67	857.56	804.22	53.33	16.079	
8,300.00	7,189.64	6,850.00	6,769.74	41.91	18.93	-58.89	34.30	-630.48	903.09	849.69	53.40	16.912	
8,400.00	7,191.49	6,821.19	6,748.62	44.22	18.66	-57.59	34.48	-610.89	954.37	900.74	53.63	17.797	
8,500.00	7,193.34	6,800.00	6,732.53	46.61	18.47	-56.63	34.61	-597.10	1,011.02	957.23	53.79	18.797	
8,600.00	7,195.18	6,764.53	6,704.61	49.07	18.17	-55.01	34.82	-575.25	1,072.23	1,018.50	53.73	19.957	
8,700.00	7,197.03	6,750.00	6,692.82	51.58	18.05	-54.34	34.91	-566.75	1,137.83	1,084.08	53.75	21.170	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	66.47	78.69	180.71	197.09				
100.00	100.00	103.00	97.00	3.28	3.28	66.47	78.69	180.71	197.09	189.57	7.53	26.183	
200.00	200.00	203.00	197.00	3.30	3.30	66.47	78.69	180.71	197.09	189.52	7.57	26.038	CC, ES
200.00	200.00	203.00	197.00	3.30	3.30	66.47	78.69	180.71	197.09	189.52	7.57	26.038	
300.00	300.00	299.72	299.72	3.34	3.34	178.40	78.79	180.29	197.21	189.55	7.65	25.775	
400.00	399.93	405.46	405.39	3.40	3.41	177.76	79.69	176.61	197.86	190.09	7.77	25.470	
500.00	499.68	511.09	510.73	3.49	3.51	176.48	81.52	169.16	199.15	191.23	7.93	25.123	
600.00	599.13	613.37	612.46	3.59	3.62	174.76	84.05	158.88	201.66	193.52	8.14	24.788	
700.00	698.15	713.03	711.55	3.74	3.76	173.16	86.59	148.51	207.53	199.14	8.39	24.728	
800.00	796.63	812.45	810.39	3.92	3.92	171.77	89.13	138.17	217.00	208.30	8.69	24.962	
900.00	894.44	911.51	908.88	4.15	4.10	170.62	91.66	127.86	230.00	220.96	9.04	25.456	
1,000.00	991.48	1,010.09	1,006.89	4.44	4.29	169.73	94.18	117.61	246.38	236.96	9.42	26.157	
1,100.00	1,088.28	1,108.51	1,104.75	4.76	4.50	169.03	96.70	107.37	263.83	254.01	9.82	26.858	
1,200.00	1,185.07	1,206.93	1,202.60	5.12	4.72	168.42	99.21	97.13	281.31	271.06	10.26	27.429	
1,300.00	1,281.86	1,305.34	1,300.45	5.50	4.94	167.88	101.73	86.89	298.82	288.11	10.71	27.889	
1,400.00	1,378.66	1,403.76	1,398.30	5.89	5.18	167.40	104.24	76.65	316.35	305.16	11.20	28.258	
1,500.00	1,475.45	1,502.18	1,496.16	6.31	5.43	166.97	106.76	66.41	333.90	322.21	11.69	28.551	
1,600.00	1,572.24	1,600.60	1,594.01	6.73	5.68	166.58	109.27	56.17	351.47	339.26	12.21	28.782	
1,700.00	1,669.03	1,700.98	1,691.86	7.17	5.94	166.24	111.79	45.93	369.05	356.30	12.75	28.953	
1,800.00	1,765.83	1,802.56	1,789.71	7.42	6.08	165.92	114.30	35.69	386.64	373.98	12.66	30.531	
1,900.00	1,862.62	1,904.14	1,887.56	7.49	6.11	165.63	116.82	25.45	404.24	391.53	12.72	31.791	
2,000.00	1,959.41	1,994.28	1,985.42	7.59	6.15	165.36	119.33	15.21	421.86	409.06	12.80	32.962	
2,100.00	2,056.21	2,107.31	2,083.27	7.73	6.22	165.12	121.85	4.97	439.48	426.55	12.93	33.998	
2,200.00	2,153.00	2,208.89	2,181.12	7.90	6.30	164.89	124.36	-5.27	457.10	444.02	13.08	34.935	
2,300.00	2,249.79	2,289.53	2,278.97	8.10	6.37	164.68	126.88	-15.51	474.74	461.48	13.26	35.811	
2,400.00	2,346.58	2,387.95	2,376.83	8.32	6.47	164.49	129.39	-25.74	492.38	478.90	13.47	36.544	
2,500.00	2,443.38	2,486.37	2,474.68	8.56	6.59	164.31	131.91	-35.98	510.02	496.30	13.72	37.174	
2,600.00	2,540.17	2,584.79	2,572.53	8.83	6.71	164.14	134.42	-46.22	527.67	513.68	13.99	37.706	
2,700.00	2,636.96	2,683.21	2,670.38	9.12	6.85	163.98	136.94	-56.46	545.32	531.03	14.30	38.148	
2,800.00	2,733.76	2,781.63	2,768.24	9.43	7.01	163.83	139.45	-66.70	562.98	548.36	14.62	38.506	
2,900.00	2,830.55	2,880.04	2,866.09	9.75	7.17	163.69	141.97	-76.94	580.64	565.67	14.97	38.789	
3,000.00	2,927.34	2,978.46	2,963.94	10.09	7.34	163.56	144.48	-87.18	598.31	582.97	15.34	39.004	
3,100.00	3,024.13	3,076.88	3,061.79	10.44	7.52	163.44	147.00	-97.42	615.97	600.24	15.73	39.160	
3,200.00	3,120.93	3,175.30	3,159.65	10.81	7.71	163.33	149.51	-107.66	633.64	617.50	16.14	39.263	
3,300.00	3,217.72	3,273.72	3,257.50	11.18	7.91	163.22	152.03	-117.90	651.31	634.75	16.56	39.321	
3,400.00	3,314.51	3,372.14	3,355.35	11.57	8.12	163.11	154.54	-128.14	668.99	651.98	17.01	39.339	
3,500.00	3,411.31	3,470.56	3,453.20	11.96	8.33	163.01	157.06	-138.38	686.66	669.20	17.46	39.324	
3,600.00	3,508.10	3,568.98	3,551.05	12.36	8.55	162.92	159.57	-148.62	704.34	686.41	17.93	39.280	
3,700.00	3,604.89	3,667.39	3,648.91	12.77	8.77	162.83	162.09	-158.86	722.02	703.61	18.41	39.212	
3,800.00	3,701.69	3,765.81	3,746.76	13.19	9.00	162.74	164.60	-169.10	739.70	720.79	18.91	39.124	
3,900.00	3,798.48	3,864.23	3,844.61	13.61	9.24	162.66	167.12	-179.34	757.38	737.97	19.41	39.020	
4,000.00	3,895.27	3,962.65	3,942.46	14.04	9.48	162.59	169.63	-189.58	775.07	755.14	19.92	38.901	
4,100.00	3,992.06	4,061.07	4,040.32	14.47	9.72	162.51	172.15	-199.82	792.75	772.30	20.45	38.772	
4,200.00	4,088.86	4,159.49	4,138.17	14.91	9.97	162.44	174.66	-210.05	810.44	789.46	20.98	38.634	
4,300.00	4,185.65	4,257.91	4,236.02	15.35	10.22	162.37	177.18	-220.29	828.12	806.61	21.52	38.489	
4,400.00	4,282.44	4,356.33	4,333.87	15.80	10.48	162.31	179.69	-230.53	845.81	823.75	22.06	38.338	
4,500.00	4,379.24	4,454.74	4,431.73	16.25	10.73	162.25	182.21	-240.77	863.50	840.89	22.61	38.184	
4,600.00	4,476.03	4,553.16	4,529.58	16.70	10.99	162.19	184.72	-251.01	881.19	858.02	23.17	38.027	
4,700.00	4,572.82	4,651.58	4,627.43	17.16	11.26	162.13	187.24	-261.25	898.88	875.15	23.74	37.869	
4,800.00	4,669.61	4,750.00	4,725.28	17.62	11.53	162.08	189.75	-271.49	916.58	892.27	24.31	37.709	
4,900.00	4,766.41	4,848.42	4,823.13	18.08	11.79	162.02	192.27	-281.73	934.27	909.39	24.88	37.550	
5,000.00	4,863.20	4,946.84	4,920.99	18.54	12.07	161.97	194.78	-291.97	951.96	926.50	25.46	37.390	
5,100.00	4,959.99	5,045.26	5,018.84	19.01	12.34	161.92	197.30	-302.21	969.66	943.61	26.04	37.232	
5,200.00	5,056.79	5,143.68	5,116.69	19.47	12.61	161.88	199.81	-312.45	987.35	960.72	26.63	37.076	
5,300.00	5,153.58	5,242.09	5,214.54	19.94	12.89	161.83	202.33	-322.69	1,005.05	977.83	27.22	36.920	
5,400.00	5,250.37	5,340.51	5,312.40	20.41	13.17	161.79	204.84	-332.93	1,022.75	994.93	27.82	36.767	
5,500.00	5,347.16	5,438.93	5,410.25	20.89	13.45	161.74	207.36	-343.17	1,040.44	1,012.03	28.41	36.616	
5,600.00	5,443.96	5,537.35	5,508.10	21.36	13.73	161.70	209.87	-353.41	1,058.14	1,029.12	29.02	36.468	
5,700.00	5,540.75	5,635.77	5,605.95	21.84	14.02	161.66	212.39	-363.65	1,075.84	1,046.22	29.62	36.322	
5,800.00	5,637.54	5,734.19	5,703.81	22.31	14.30	161.62	214.90	-373.89	1,093.54	1,063.31	30.23	36.178	
5,900.00	5,734.34	5,832.61	5,801.66	22.79	14.59	161.59	217.42	-384.12	1,111.24	1,080.40	30.84	36.037	
6,000.00	5,831.13	5,931.03	5,899.51	23.27	14.87	161.55	219.93	-394.36	1,128.93	1,097.49	31.45	35.899	
6,100.00	5,927.92	6,029.44	5,997.36	23.75	15.16	161.51	222.45	-404.60	1,146.63	1,114.57	32.06	35.763	
6,200.00	6,024.71	6,127.86	6,095.21	24.23	15.45	161.48	224.96	-414.84	1,164.33	1,131.66	32.68	35.630	
6,300.00	6,121.51	6,226.28	6,193.07	24.72	15.74	161.45	227.48	-425.08	1,182.04	1,148.74	33.30	35.500	
6,400.00	6,218.30	7,702.99	7,037.33	25.20	33.56	123.59	245.60	-1,353.77	1,140.34	1,095.18	45.17	25.247	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-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	
6,500.00	6,315.09	7,726.07	7,037.27	25.68	34.13	122.16	245.50	-1,376.86	1,079.51	1,031.61	47.89	22.541	
6,600.00	6,411.92	7,749.01	7,037.21	26.15	34.69	122.01	245.40	-1,399.79	1,024.30	973.51	50.79	20.168	
6,700.00	6,510.45	7,762.19	7,037.18	26.34	35.02	151.67	245.34	-1,412.98	975.01	921.56	53.44	18.244	
6,800.00	6,609.83	7,759.73	7,037.19	26.45	34.96	-137.08	245.35	-1,410.51	933.48	877.81	55.66	16.770	
6,900.00	6,707.64	7,741.67	7,037.23	26.51	34.51	-115.83	245.43	-1,392.46	901.74	844.51	57.23	15.755	
7,000.00	6,801.46	7,708.47	7,037.32	26.57	33.69	-108.35	245.57	-1,359.25	880.73	822.72	58.01	15.182	
7,100.00	6,888.97	7,660.93	7,037.44	26.67	32.55	-103.17	245.78	-1,311.72	870.09	812.09	58.00	15.002 SF	
7,174.07	6,948.45	7,617.17	7,037.55	26.80	31.50	-99.54	245.97	-1,267.95	867.98	810.44	57.54	15.084	
7,200.00	6,968.03	7,600.24	7,037.59	26.85	31.10	-98.27	246.04	-1,251.03	868.21	810.92	57.29	15.154	
7,300.00	7,036.68	7,527.88	7,037.78	27.18	29.44	-93.43	246.35	-1,178.67	872.64	816.46	56.18	15.534	
7,400.00	7,093.25	7,445.65	7,037.98	27.71	27.62	-88.95	246.71	-1,096.43	880.55	825.65	54.90	16.038	
7,500.00	7,136.32	7,364.24	7,033.94	28.47	25.91	-85.17	246.95	-1,015.18	889.61	835.67	53.93	16.494	
7,600.00	7,164.85	7,286.91	7,020.57	29.48	24.38	-81.88	246.92	-939.07	898.99	845.62	53.37	16.845	
7,700.00	7,178.13	7,212.51	6,999.10	30.71	23.01	-79.04	246.67	-867.88	908.05	854.88	53.17	17.077	
7,800.00	7,180.41	7,141.91	6,971.18	32.13	21.84	-77.05	246.21	-803.07	917.65	864.35	53.31	17.215	
7,900.00	7,182.26	7,078.49	6,940.13	33.77	20.91	-75.10	245.64	-747.81	931.38	877.65	53.74	17.333	
8,000.00	7,184.10	7,022.38	6,908.19	35.60	20.18	-73.14	245.00	-701.71	950.19	895.84	54.35	17.483	
8,100.00	7,185.95	6,973.12	6,876.89	37.58	19.60	-71.26	244.34	-663.68	974.66	919.62	55.05	17.707	
8,200.00	7,187.80	6,930.00	6,847.16	39.69	19.15	-69.51	243.70	-632.47	1,005.13	949.39	55.74	18.032	
8,300.00	7,189.64	6,900.00	6,825.26	41.91	18.86	-68.25	243.21	-611.98	1,041.71	985.25	56.46	18.450	
8,400.00	7,191.49	6,850.00	6,786.69	44.22	18.42	-66.09	242.34	-580.19	1,084.18	1,027.35	56.82	19.079	
8,500.00	7,193.34	6,830.17	6,770.72	46.61	18.27	-65.21	241.97	-568.43	1,132.15	1,074.78	57.36	19.737	
8,600.00	7,195.18	6,800.00	6,745.75	49.07	18.03	-63.87	241.39	-551.52	1,185.40	1,127.76	57.65	20.563	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-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		
0.00	0.00	3.00	-3.00	3.28	3.28	103.00	-41.53	179.87	184.60					
100.00	100.00	103.00	97.00	3.28	3.28	103.00	-41.53	179.87	184.60	177.08	7.53	24.524		
200.00	200.00	203.00	197.00	3.30	3.30	103.00	-41.53	179.87	184.60	177.03	7.57	24.387	CC, ES	
200.05	200.05	202.95	197.05	3.30	3.30	103.00	-41.53	179.87	184.60	177.03	7.57	24.387		
300.00	300.00	298.05	298.05	3.34	3.34	-144.96	-41.86	179.65	184.83	177.18	7.65	24.163		
400.00	399.93	400.24	400.18	3.40	3.40	-144.55	-44.84	177.74	186.52	178.76	7.76	24.034		
500.00	499.68	502.34	502.01	3.49	3.48	-143.71	-50.86	173.86	189.89	181.97	7.92	23.974		
600.00	599.13	604.25	603.35	3.59	3.59	-142.50	-59.91	168.02	195.00	186.86	8.14	23.968		
700.00	698.15	705.93	704.00	3.74	3.73	-140.97	-71.96	160.26	201.90	193.49	8.41	24.001		
800.00	796.63	806.92	803.43	3.92	3.92	-139.22	-86.83	150.67	210.69	201.93	8.76	24.045		
900.00	894.44	906.18	900.95	4.15	4.13	-137.90	-102.39	140.65	221.96	212.77	9.18	24.170		
1,000.00	991.48	1,005.20	998.23	4.44	4.37	-137.27	-117.92	130.64	235.77	226.10	9.67	24.384		
1,100.00	1,088.28	1,104.12	1,095.42	4.76	4.64	-137.00	-133.43	120.65	250.37	240.17	10.20	24.544		
1,200.00	1,185.07	1,203.05	1,192.61	5.12	4.92	-136.77	-148.94	110.65	264.96	254.19	10.78	24.590		
1,300.00	1,281.86	1,301.97	1,289.79	5.50	5.22	-136.56	-164.45	100.65	279.57	268.18	11.39	24.553		
1,400.00	1,378.66	1,400.89	1,386.98	5.89	5.53	-136.37	-179.96	90.66	294.17	282.14	12.03	24.458		
1,500.00	1,475.45	1,500.18	1,484.17	6.31	5.86	-136.19	-195.47	80.66	308.78	296.08	12.70	24.321		
1,600.00	1,572.24	1,601.26	1,581.36	6.73	6.20	-136.04	-210.98	70.67	323.39	310.00	13.39	24.148		
1,700.00	1,669.03	1,702.34	1,678.54	7.17	6.54	-135.89	-226.49	60.67	338.00	323.90	14.10	23.968		
1,800.00	1,765.83	1,803.41	1,775.73	7.42	6.73	-135.76	-242.00	50.68	352.61	338.49	14.12	24.974		
1,900.00	1,862.62	1,904.49	1,872.92	7.49	6.78	-135.64	-257.51	40.68	367.23	353.01	14.22	25.822		
2,000.00	1,959.41	2,005.57	1,970.10	7.59	6.86	-135.53	-273.02	30.69	381.85	367.47	14.38	26.562		
2,100.00	2,056.21	2,106.64	2,067.29	7.73	6.96	-135.42	-288.53	20.69	396.46	381.89	14.58	27.194		
2,200.00	2,153.00	2,192.28	2,164.48	7.90	7.06	-135.33	-304.04	10.70	411.08	396.27	14.81	27.756		
2,300.00	2,249.79	2,308.80	2,261.67	8.10	7.22	-135.24	-319.55	0.70	425.71	410.58	15.13	28.141		
2,400.00	2,346.58	2,390.13	2,358.85	8.32	7.35	-135.15	-335.06	-9.29	440.33	424.89	15.43	28.530		
2,500.00	2,443.38	2,489.05	2,456.04	8.56	7.53	-135.08	-350.57	-19.29	454.95	439.14	15.81	28.785		
2,600.00	2,540.17	2,587.97	2,553.23	8.83	7.72	-135.00	-366.08	-29.28	469.57	453.36	16.21	28.962		
2,700.00	2,636.96	2,686.90	2,650.42	9.12	7.93	-134.93	-381.59	-39.28	484.20	467.54	16.66	29.071		
2,800.00	2,733.76	2,785.82	2,747.60	9.43	8.15	-134.87	-397.10	-49.27	498.82	481.69	17.13	29.121		
2,900.00	2,830.55	2,884.74	2,844.79	9.75	8.39	-134.81	-412.61	-59.27	513.45	495.82	17.63	29.122		
3,000.00	2,927.34	2,983.67	2,941.98	10.09	8.63	-134.75	-428.12	-69.26	528.07	509.91	18.16	29.080		
3,100.00	3,024.13	3,082.59	3,039.16	10.44	8.89	-134.70	-443.63	-79.26	542.70	523.99	18.71	29.004		
3,200.00	3,120.93	3,181.51	3,136.35	10.81	9.16	-134.64	-459.13	-89.26	557.33	538.04	19.28	28.899		
3,300.00	3,217.72	3,280.44	3,233.54	11.18	9.44	-134.59	-474.64	-99.25	571.95	552.07	19.88	28.772		
3,400.00	3,314.51	3,379.36	3,330.73	11.57	9.73	-134.55	-490.15	-109.25	586.58	566.09	20.49	28.627		
3,500.00	3,411.31	3,478.28	3,427.91	11.96	10.03	-134.50	-505.66	-119.24	601.21	580.09	21.12	28.468		
3,600.00	3,508.10	3,577.21	3,525.10	12.36	10.33	-134.46	-521.17	-129.24	615.84	594.07	21.76	28.299		
3,700.00	3,604.89	3,676.13	3,622.29	12.77	10.64	-134.42	-536.68	-139.23	630.47	608.05	22.42	28.122		
3,800.00	3,701.69	3,775.05	3,719.47	13.19	10.96	-134.38	-552.19	-149.23	645.09	622.01	23.09	27.940		
3,900.00	3,798.48	3,873.98	3,816.66	13.61	11.28	-134.35	-567.70	-159.22	659.72	635.95	23.77	27.754		
4,000.00	3,895.27	3,972.90	3,913.85	14.04	11.61	-134.31	-583.21	-169.22	674.35	649.89	24.46	27.568		
4,100.00	3,992.06	4,071.82	4,011.04	14.47	11.94	-134.28	-598.72	-179.21	688.98	663.82	25.16	27.381		
4,200.00	4,088.86	4,170.75	4,108.22	14.91	12.27	-134.24	-614.23	-189.21	703.61	677.74	25.87	27.195		
4,300.00	4,185.65	4,269.67	4,205.41	15.35	12.61	-134.21	-629.74	-199.20	718.24	691.65	26.59	27.011		
4,400.00	4,282.44	4,368.59	4,302.60	15.80	12.96	-134.18	-645.25	-209.20	732.87	705.56	27.32	26.829		
4,500.00	4,379.24	4,467.52	4,399.79	16.25	13.30	-134.15	-660.76	-219.19	747.50	719.45	28.05	26.650		
4,600.00	4,476.03	4,566.44	4,496.97	16.70	13.65	-134.13	-676.27	-229.19	762.13	733.35	28.79	26.474		
4,700.00	4,572.82	4,665.36	4,594.16	17.16	14.01	-134.10	-691.78	-239.18	776.76	747.23	29.53	26.302		
4,800.00	4,669.61	4,764.29	4,691.35	17.62	14.36	-134.07	-707.29	-249.18	791.40	761.11	30.28	26.133		
4,900.00	4,766.41	4,863.21	4,788.53	18.08	14.72	-134.05	-722.80	-259.17	806.03	774.99	31.04	25.969		
5,000.00	4,863.20	4,962.13	4,885.72	18.54	15.08	-134.03	-738.31	-269.17	820.66	788.86	31.80	25.808		
5,100.00	4,959.99	5,061.06	4,982.91	19.01	15.44	-134.00	-753.82	-279.16	835.29	802.73	32.56	25.652		
5,200.00	5,056.79	5,159.98	5,080.10	19.47	15.80	-133.98	-769.33	-289.16	849.92	816.59	33.33	25.500		
5,300.00	5,153.58	5,258.90	5,177.28	19.94	16.17	-133.96	-784.84	-299.16	864.55	830.45	34.10	25.351		
5,400.00	5,250.37	5,357.83	5,274.47	20.41	16.54	-133.94	-800.35	-309.15	879.18	844.31	34.88	25.207		
5,500.00	5,347.16	5,456.75	5,371.66	20.89	16.91	-133.92	-815.86	-319.15	893.82	858.16	35.66	25.067		
5,600.00	5,443.96	5,555.67	5,468.84	21.36	17.28	-133.90	-831.37	-329.14	908.45	872.01	36.44	24.930		
5,700.00	5,540.75	5,654.60	5,566.03	21.84	17.65	-133.88	-846.88	-339.14	923.08	885.86	37.22	24.798		
5,800.00	5,637.54	5,753.52	5,663.22	22.31	18.02	-133.86	-862.39	-349.13	937.71	899.70	38.01	24.669		
5,900.00	5,734.34	5,852.44	5,760.41	22.79	18.40	-133.85	-877.90	-359.13	952.35	913.54	38.80	24.544		
6,000.00	5,831.13	5,951.37	5,857.59	23.27	18.78	-133.83	-893.41	-369.12	966.98	927.38	39.59	24.422		
6,100.00	5,927.92	6,050.29	5,954.78	23.75	19.15	-133.81	-908.92	-379.12	981.61	941.22	40.39	24.304		
6,200.00	6,024.71	6,149.21	6,051.97	24.23	19.53	-133.80	-924.43	-389.11	996.24	955.06	41.19	24.189		
6,300.00	6,121.51	6,248.13	6,149.16	24.72	19.91	-133.78	-939.94	-399.11	1,010.87	968.89	41.99	24.077		
6,400.00	6,218.30	6,347.06	6,246.34	25.20	20.29	-133.77	-955.45	-409.10	1,025.51	982.72	42.79	23.968		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-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
6,500.00	6,315.09	7,940.90	7,166.78	25.68	36.25	-91.44	-1,104.13	-1,374.35	1,016.36	977.26	39.09	25.999	
6,600.00	6,411.92	7,963.65	7,166.68	26.15	36.76	-85.17	-1,104.16	-1,397.10	930.84	889.67	41.17	22.611	
6,700.00	6,510.45	7,976.65	7,166.63	26.34	37.05	-34.29	-1,104.18	-1,410.10	846.45	803.07	43.38	19.512	
6,800.00	6,609.83	7,973.99	7,166.64	26.45	36.99	53.29	-1,104.18	-1,407.44	764.86	719.15	45.72	16.731	
6,900.00	6,707.64	7,955.75	7,166.71	26.51	36.58	84.49	-1,104.15	-1,389.20	689.25	641.15	48.11	14.328	
7,000.00	6,801.46	7,922.36	7,166.85	26.57	35.84	96.03	-1,104.11	-1,355.81	622.64	572.24	50.41	12.352	
7,100.00	6,888.97	7,874.66	7,167.05	26.67	34.81	100.51	-1,104.04	-1,308.11	567.52	515.11	52.42	10.827	
7,200.00	6,968.03	7,813.82	7,167.31	26.85	33.54	101.13	-1,103.96	-1,247.27	525.34	471.46	53.87	9.751	
7,300.00	7,036.68	7,741.33	7,167.61	27.18	32.10	99.38	-1,103.85	-1,174.78	496.01	441.36	54.65	9.076	
7,400.00	7,093.25	7,658.98	7,167.95	27.71	30.57	96.36	-1,103.74	-1,092.43	477.82	423.05	54.77	8.725	
7,500.00	7,136.32	7,553.29	7,161.42	28.47	28.79	91.65	-1,102.48	-987.06	466.59	411.91	54.68	8.533	
7,600.00	7,164.85	7,454.18	7,139.83	29.48	27.33	86.56	-1,098.84	-890.51	459.35	405.00	54.35	8.452 SF	
7,700.00	7,178.13	7,362.69	7,106.99	30.71	26.17	81.37	-1,093.43	-805.38	456.40	402.58	53.82	8.480	
7,716.67	7,179.00	7,348.14	7,100.66	30.94	26.00	80.49	-1,092.40	-792.31	456.33	402.60	53.73	8.493	
7,800.00	7,180.41	7,279.34	7,066.85	32.13	25.26	76.07	-1,086.89	-732.68	458.19	404.99	53.21	8.612	
7,900.00	7,182.26	7,208.34	7,025.51	33.77	24.60	70.76	-1,080.18	-675.39	467.70	415.22	52.48	8.913	
8,000.00	7,184.10	7,150.00	6,987.00	35.60	24.11	65.98	-1,073.95	-632.05	487.44	435.76	51.68	9.432	
8,100.00	7,185.95	7,100.00	6,950.99	37.58	23.73	61.71	-1,068.14	-597.87	518.46	467.53	50.92	10.181	
8,200.00	7,187.80	7,056.53	6,917.61	39.69	23.43	57.94	-1,062.77	-570.56	560.46	510.17	50.29	11.145	
8,300.00	7,189.64	7,020.95	6,888.98	41.91	23.20	54.87	-1,058.16	-549.96	612.28	562.46	49.82	12.290	
8,400.00	7,191.49	6,990.65	6,863.72	44.22	23.01	52.29	-1,054.10	-533.72	672.38	622.90	49.48	13.588	
8,500.00	7,193.34	6,964.65	6,841.46	46.61	22.86	50.12	-1,050.53	-520.77	739.26	690.01	49.24	15.012	
8,600.00	7,195.18	6,950.00	6,828.70	49.07	22.78	48.92	-1,048.48	-513.88	811.65	762.53	49.12	16.524	
8,700.00	7,197.03	6,922.56	6,804.37	51.58	22.63	46.72	-1,044.58	-501.79	888.25	839.32	48.93	18.154	
8,800.00	7,198.88	6,900.00	6,784.01	54.14	22.51	44.96	-1,041.31	-492.65	968.46	919.67	48.79	19.850	
8,900.00	7,200.73	6,900.00	6,784.01	56.74	22.51	44.96	-1,041.31	-492.65	1,051.53	1,002.76	48.77	21.562	
9,000.00	7,202.57	6,876.66	6,762.62	59.37	22.40	43.20	-1,037.89	-483.97	1,136.70	1,088.05	48.65	23.367	

5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-12-M - 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,800.00	6,609.83	9,338.64	7,234.05	26.45	65.75	50.80	-1,552.47	-1,415.59	1,157.99	1,078.86	79.13	14.634	
6,900.00	6,707.64	9,318.16	7,234.62	26.51	65.17	79.15	-1,552.31	-1,395.11	1,099.15	1,017.79	81.36	13.510	
7,000.00	6,801.46	9,282.63	7,235.61	26.57	64.16	89.72	-1,552.02	-1,359.59	1,048.17	965.19	82.98	12.631	
7,100.00	6,888.97	9,232.93	7,236.99	26.67	62.75	94.63	-1,551.61	-1,309.92	1,006.08	922.18	83.90	11.991	
7,200.00	6,968.03	9,170.29	7,238.74	26.85	60.97	96.71	-1,551.10	-1,247.31	973.05	888.94	84.11	11.569	
7,300.00	7,036.68	9,103.75	7,240.80	27.18	59.09	97.14	-1,550.50	-1,173.30	948.48	864.60	83.88	11.307	
7,400.00	7,093.25	9,012.64	7,243.13	27.71	56.53	96.70	-1,549.82	-1,089.72	931.20	848.43	82.78	11.250	
7,500.00	7,136.32	8,921.51	7,245.67	28.47	53.98	95.94	-1,549.08	-998.63	919.73	838.14	81.59	11.272	
7,600.00	7,164.85	8,825.10	7,248.35	29.48	51.30	95.31	-1,548.29	-902.26	912.69	832.39	80.30	11.366	
7,700.00	7,178.13	8,725.79	7,251.12	30.71	48.56	95.12	-1,547.49	-803.00	909.05	830.05	79.00	11.507	
7,800.00	7,180.41	8,625.81	7,253.91	32.13	45.83	95.20	-1,546.67	-703.06	907.53	829.74	77.79	11.666	
7,900.00	7,182.26	8,525.83	7,256.69	33.77	43.13	95.27	-1,545.86	-603.12	906.10	829.29	76.81	11.796	
8,000.00	7,184.10	8,425.84	7,259.48	35.60	40.46	95.34	-1,545.05	-503.17	904.67	828.63	76.03	11.899	
8,100.00	7,185.95	8,325.86	7,262.26	37.58	37.83	95.41	-1,544.23	-403.23	903.23	827.80	75.43	11.974	
8,200.00	7,187.80	8,225.88	7,265.05	39.69	35.26	95.47	-1,543.42	-303.29	901.80	826.80	75.00	12.023	
8,300.00	7,189.64	8,125.89	7,267.83	41.91	32.75	95.54	-1,542.60	-203.35	900.37	825.63	74.74	12.046	
8,400.00	7,191.49	8,025.91	7,270.62	44.22	30.33	95.61	-1,541.79	-103.41	898.94	824.30	74.65	12.043	
8,500.00	7,193.34	7,925.92	7,273.40	46.61	28.01	95.68	-1,540.98	-3.46	897.52	822.79	74.73	12.011	
8,600.00	7,195.18	7,825.94	7,276.19	49.07	25.82	95.75	-1,540.16	96.48	896.09	821.09	75.00	11.948	
8,700.00	7,197.03	7,725.96	7,278.97	51.58	23.80	95.82	-1,539.35	196.42	894.67	819.18	75.49	11.851	
8,800.00	7,198.88	7,612.26	7,277.52	54.14	21.74	95.61	-1,538.30	310.01	892.76	816.74	76.02	11.744	
8,900.00	7,200.73	7,495.39	7,256.13	56.74	19.96	94.11	-1,536.69	424.73	888.88	811.92	76.96	11.549	
9,000.00	7,202.57	7,390.15	7,219.23	59.37	18.73	91.62	-1,534.79	523.14	884.26	805.74	78.52	11.261	
9,100.00	7,204.42	7,299.63	7,174.89	62.04	17.99	88.64	-1,532.87	601.94	880.99	800.49	80.50	10.945	
9,145.39	7,205.26	7,263.49	7,154.13	63.26	17.77	87.26	-1,532.03	631.52	880.55	799.09	81.47	10.809 CC	
9,200.00	7,206.27	7,223.86	7,129.49	64.73	17.58	85.62	-1,531.08	662.53	881.28	798.66	82.62	10.667 ES	
9,300.00	7,208.11	7,161.16	7,086.70	67.44	17.34	82.78	-1,529.49	708.29	886.99	802.41	84.58	10.487	
9,400.00	7,209.96	7,109.38	7,048.10	70.18	17.20	80.26	-1,528.12	742.76	899.47	813.29	86.17	10.438 SF	
9,500.00	7,211.81	7,066.41	7,014.03	72.93	17.11	78.06	-1,526.95	768.90	919.48	832.19	87.29	10.534	
9,600.00	7,213.65	7,030.49	6,984.25	75.70	17.04	76.16	-1,525.95	788.95	947.30	859.44	87.87	10.781	
9,700.00	7,215.50	7,000.00	6,958.12	78.49	17.00	74.52	-1,525.09	804.63	982.80	894.86	87.94	11.176	
9,800.00	7,217.35	6,974.42	6,935.63	81.29	16.96	73.13	-1,524.36	816.81	1,025.53	937.95	87.58	11.710	
9,900.00	7,219.20	6,950.00	6,913.73	84.09	16.93	71.79	-1,523.66	827.58	1,074.91	988.05	86.87	12.374	
10,000.00	7,221.04	6,933.10	6,898.34	86.91	16.91	70.86	-1,523.18	834.53	1,130.24	1,044.34	85.90	13.157	
10,100.00	7,222.89	6,916.36	6,882.92	89.74	16.89	69.94	-1,522.70	841.02	1,190.84	1,106.06	84.77	14.048	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	96.81	-21.49	179.87	181.15				
100.00	100.00	103.00	97.00	3.28	3.28	96.81	-21.49	179.87	181.15	173.62	7.53	24.065	
200.00	200.00	203.00	197.00	3.30	3.30	96.81	-21.49	179.87	181.15	173.58	7.57	23.931	CC
201.12	201.12	201.88	198.12	3.30	3.30	-151.19	-21.49	179.87	181.15	173.58	7.57	23.931	
300.00	300.00	298.67	298.67	3.34	3.34	-151.14	-21.81	179.61	181.32	173.67	7.65	23.704	
400.00	399.93	402.20	402.13	3.40	3.40	-150.72	-24.60	177.29	182.48	174.72	7.76	23.513	
500.00	499.68	505.66	505.32	3.49	3.49	-149.87	-30.26	172.59	184.77	176.85	7.92	23.332	
600.00	599.13	609.00	608.06	3.59	3.60	-148.61	-38.78	165.52	188.24	180.11	8.13	23.152	
700.00	698.15	712.16	710.16	3.74	3.75	-147.00	-50.11	156.11	192.97	184.57	8.40	22.969	
800.00	796.63	811.86	808.55	3.92	3.93	-145.58	-62.47	145.85	199.85	191.11	8.74	22.864	
900.00	894.44	911.34	906.73	4.15	4.13	-144.78	-74.80	135.62	209.67	200.53	9.14	22.943	
1,000.00	991.48	1,010.54	1,004.64	4.44	4.36	-144.55	-87.09	125.41	222.27	212.67	9.59	23.169	
1,100.00	1,088.28	1,109.63	1,102.44	4.76	4.61	-144.60	-99.38	115.21	235.71	225.63	10.09	23.371	
1,200.00	1,185.07	1,208.72	1,200.23	5.12	4.87	-144.64	-111.66	105.02	249.16	238.54	10.62	23.470	
1,300.00	1,281.86	1,307.81	1,298.03	5.50	5.15	-144.68	-123.94	94.82	262.60	251.42	11.18	23.492	
1,400.00	1,378.66	1,406.90	1,395.83	5.89	5.44	-144.72	-136.22	84.62	276.04	264.28	11.77	23.460	
1,500.00	1,475.45	1,506.00	1,493.63	6.31	5.74	-144.75	-148.50	74.43	289.49	277.11	12.38	23.387	
1,600.00	1,572.24	1,605.09	1,591.43	6.73	6.05	-144.78	-160.78	64.23	302.93	289.93	13.01	23.287	
1,700.00	1,669.03	1,704.18	1,689.22	7.17	6.37	-144.80	-173.07	54.04	316.38	302.72	13.66	23.169	
1,800.00	1,765.83	1,803.27	1,787.02	7.42	6.53	-144.83	-185.35	43.84	329.82	316.20	13.63	24.203	
1,900.00	1,862.62	1,902.36	1,884.82	7.49	6.57	-144.85	-197.63	33.64	343.27	329.57	13.70	25.055	
2,000.00	1,959.41	2,001.46	1,982.62	7.59	6.63	-144.87	-209.91	23.45	356.71	342.89	13.82	25.806	
2,100.00	2,056.21	2,100.55	2,080.41	7.73	6.72	-144.89	-222.19	13.25	370.16	356.17	13.99	26.458	
2,200.00	2,153.00	2,200.36	2,178.21	7.90	6.82	-144.91	-234.47	3.05	383.60	369.40	14.20	27.013	
2,300.00	2,249.79	2,298.73	2,276.01	8.10	6.94	-144.92	-246.75	-7.14	397.05	382.60	14.45	27.478	
2,400.00	2,346.58	2,402.18	2,373.81	8.32	7.09	-144.94	-259.04	-17.34	410.49	395.75	14.74	27.840	
2,500.00	2,443.38	2,503.08	2,471.61	8.56	7.25	-144.95	-271.32	-27.53	423.94	408.87	15.07	28.126	
2,600.00	2,540.17	2,596.01	2,569.40	8.83	7.42	-144.96	-283.60	-37.73	437.38	421.96	15.42	28.362	
2,700.00	2,636.96	2,704.90	2,667.20	9.12	7.62	-144.98	-295.88	-47.93	450.83	435.00	15.83	28.481	
2,800.00	2,733.76	2,805.81	2,765.00	9.43	7.83	-144.99	-308.16	-58.12	464.27	448.02	16.25	28.566	
2,900.00	2,830.55	2,893.28	2,862.80	9.75	8.02	-145.00	-320.44	-68.32	477.72	461.04	16.67	28.650	
3,000.00	2,927.34	3,007.62	2,960.60	10.09	8.28	-145.01	-332.73	-78.51	491.16	473.99	17.18	28.592	
3,100.00	3,024.13	3,108.53	3,058.39	10.44	8.52	-145.02	-345.01	-88.71	504.61	486.93	17.68	28.548	
3,200.00	3,120.93	3,209.44	3,156.19	10.81	8.78	-145.03	-357.29	-98.91	518.05	499.86	18.19	28.473	
3,300.00	3,217.72	3,289.65	3,253.99	11.18	8.98	-145.04	-369.57	-109.10	531.50	512.82	18.68	28.452	
3,400.00	3,314.51	3,388.74	3,351.79	11.57	9.25	-145.05	-381.85	-119.30	544.94	525.72	19.23	28.340	
3,500.00	3,411.31	3,487.84	3,449.58	11.96	9.52	-145.06	-394.13	-129.50	558.39	538.60	19.79	28.211	
3,600.00	3,508.10	3,586.93	3,547.38	12.36	9.80	-145.06	-406.41	-139.69	571.83	551.46	20.37	28.069	
3,700.00	3,604.89	3,686.02	3,645.18	12.77	10.08	-145.07	-418.70	-149.89	585.28	564.32	20.96	27.918	
3,800.00	3,701.69	3,785.11	3,742.98	13.19	10.37	-145.08	-430.98	-160.08	598.73	577.16	21.57	27.759	
3,900.00	3,798.48	3,884.20	3,840.78	13.61	10.67	-145.09	-443.26	-170.28	612.17	589.99	22.18	27.595	
4,000.00	3,895.27	3,983.30	3,938.57	14.04	10.97	-145.09	-455.54	-180.48	625.62	602.81	22.81	27.428	
4,100.00	3,992.06	4,082.39	4,036.37	14.47	11.28	-145.10	-467.82	-190.67	639.06	615.62	23.44	27.259	
4,200.00	4,088.86	4,181.48	4,134.17	14.91	11.59	-145.10	-480.10	-200.87	652.51	628.42	24.09	27.090	
4,300.00	4,185.65	4,280.57	4,231.97	15.35	11.90	-145.11	-492.39	-211.07	665.95	641.21	24.74	26.920	
4,400.00	4,282.44	4,379.66	4,329.77	15.80	12.22	-145.12	-504.67	-221.26	679.40	654.00	25.40	26.752	
4,500.00	4,379.24	4,478.76	4,427.56	16.25	12.54	-145.12	-516.95	-231.46	692.84	666.78	26.06	26.585	
4,600.00	4,476.03	4,577.85	4,525.36	16.70	12.86	-145.13	-529.23	-241.65	706.29	679.56	26.73	26.421	
4,700.00	4,572.82	4,676.94	4,623.16	17.16	13.19	-145.13	-541.51	-251.85	719.73	692.32	27.41	26.259	
4,800.00	4,669.61	4,776.03	4,720.96	17.62	13.52	-145.14	-553.79	-262.05	733.18	705.09	28.09	26.100	
4,900.00	4,766.41	4,875.12	4,818.75	18.08	13.85	-145.14	-566.08	-272.24	746.62	717.85	28.78	25.944	
5,000.00	4,863.20	4,974.22	4,916.55	18.54	14.18	-145.14	-578.36	-282.44	760.07	730.60	29.47	25.792	
5,100.00	4,959.99	5,073.31	5,014.35	19.01	14.52	-145.15	-590.64	-292.64	773.51	743.35	30.17	25.642	
5,200.00	5,056.79	5,172.40	5,112.15	19.47	14.85	-145.15	-602.92	-302.83	786.96	756.09	30.87	25.496	
5,300.00	5,153.58	5,271.49	5,209.95	19.94	15.19	-145.16	-615.20	-313.03	800.40	768.84	31.57	25.354	
5,400.00	5,250.37	5,370.58	5,307.74	20.41	15.53	-145.16	-627.48	-323.22	813.85	781.57	32.28	25.215	
5,500.00	5,347.16	5,469.68	5,405.54	20.89	15.88	-145.16	-639.76	-333.42	827.30	794.31	32.99	25.080	
5,600.00	5,443.96	5,568.77	5,503.34	21.36	16.22	-145.17	-652.05	-343.62	840.74	807.04	33.70	24.948	
5,700.00	5,540.75	5,667.86	5,601.14	21.84	16.57	-145.17	-664.33	-353.81	854.19	819.77	34.42	24.820	
5,800.00	5,637.54	5,766.95	5,698.94	22.31	16.91	-145.17	-676.61	-364.01	867.63	832.50	35.13	24.695	
5,900.00	5,734.34	5,866.04	5,796.73	22.79	17.26	-145.18	-688.89	-374.20	881.08	845.22	35.86	24.573	
6,000.00	5,831.13	5,965.14	5,894.53	23.27	17.61	-145.18	-701.17	-384.40	894.52	857.94	36.58	24.455	
6,100.00	5,927.92	6,064.23	5,992.33	23.75	17.96	-145.18	-713.45	-394.60	907.97	870.66	37.30	24.339	
6,200.00	6,024.71	6,163.32	6,090.13	24.23	18.31	-145.19	-725.74	-404.79	921.41	883.38	38.03	24.227	
6,300.00	6,121.51	6,262.41	6,187.92	24.72	18.67	-145.19	-738.02	-414.99	934.86	896.10	38.76	24.118	
6,400.00	6,218.30	7,766.22	7,046.77	25.20	34.78	-108.75	-850.45	-1,350.59	885.89	853.43	32.46	27.292	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-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		
6,500.00	6,315.09	7,789.11	7,046.66	25.68	35.30	-105.37	-850.56	-1,373.48	792.12	758.43	33.69	23.509			
6,600.00	6,411.92	7,811.86	7,046.56	26.15	35.83	-97.02	-850.67	-1,396.22	699.30	664.05	35.24	19.842			
6,700.00	6,510.45	7,824.85	7,046.50	26.34	36.13	-37.41	-850.73	-1,409.22	606.30	569.21	37.10	16.344			
6,800.00	6,609.83	7,822.18	7,046.51	26.45	36.07	57.57	-850.72	-1,406.55	514.77	475.38	39.39	13.067			
6,900.00	6,707.64	7,803.93	7,046.59	26.51	35.64	91.46	-850.63	-1,388.30	428.31	385.96	42.34	10.115			
7,000.00	6,801.46	7,770.54	7,046.75	26.57	34.87	102.24	-850.47	-1,354.91	351.16	305.03	46.13	7.612			
7,100.00	6,888.97	7,722.84	7,046.96	26.67	33.79	103.52	-850.24	-1,307.21	288.35	237.78	50.57	5.702			
7,200.00	6,968.03	7,661.99	7,047.24	26.85	32.45	98.70	-849.94	-1,246.36	245.02	190.45	54.57	4.490			
7,300.00	7,036.68	7,589.50	7,047.58	27.18	30.92	89.55	-849.59	-1,173.87	223.75	167.55	56.21	3.981			
7,366.94	7,075.98	7,535.34	7,047.82	27.53	29.84	82.18	-849.33	-1,119.71	220.35	164.70	55.64	3.960 ES, SF			
7,400.00	7,093.25	7,507.15	7,047.95	27.71	29.28	78.51	-849.19	-1,091.52	221.00	166.06	54.94	4.023			
7,500.00	7,136.32	7,423.97	7,044.18	28.47	27.75	68.23	-848.27	-1,008.49	229.38	177.39	51.99	4.412			
7,600.00	7,164.85	7,345.13	7,030.80	29.48	26.40	58.95	-846.18	-930.87	245.19	196.64	48.55	5.050			
7,700.00	7,178.13	7,269.46	7,009.10	30.71	25.25	51.00	-843.08	-858.49	265.48	219.80	45.68	5.812			
7,800.00	7,180.41	7,197.80	6,980.83	32.13	24.28	45.27	-839.19	-792.80	290.41	246.81	43.60	6.660			
7,900.00	7,182.26	7,133.62	6,949.44	33.77	23.52	40.21	-834.96	-737.01	325.63	283.51	42.12	7.731			
8,000.00	7,184.10	7,076.99	6,917.23	35.60	22.92	35.77	-830.68	-690.66	371.03	329.72	41.30	8.983			
8,100.00	7,185.95	7,027.41	6,885.76	37.58	22.46	32.05	-826.54	-652.58	425.43	384.40	41.03	10.369			
8,200.00	7,187.80	6,984.13	6,855.97	39.69	22.08	29.01	-822.65	-621.44	487.38	446.30	41.09	11.863			
8,300.00	7,189.64	6,950.00	6,831.03	41.91	21.81	26.77	-819.41	-598.37	555.51	514.17	41.34	13.437			
8,400.00	7,191.49	6,913.32	6,802.91	44.22	21.54	24.52	-815.77	-575.12	628.55	586.98	41.58	15.118			
8,500.00	7,193.34	6,884.34	6,779.77	46.61	21.34	22.86	-812.78	-557.93	705.62	663.77	41.85	16.860			
8,600.00	7,195.18	6,850.00	6,751.39	49.07	21.11	21.03	-809.13	-538.96	786.02	743.97	42.06	18.689			
8,700.00	7,197.03	6,836.20	6,739.70	51.58	21.03	20.34	-807.63	-531.77	868.85	826.52	42.33	20.523			
8,800.00	7,198.88	6,816.10	6,722.41	54.14	20.91	19.37	-805.41	-521.77	953.95	911.42	42.53	22.430			
8,900.00	7,200.73	6,800.00	6,708.34	56.74	20.81	18.63	-803.61	-514.16	1,040.86	998.16	42.70	24.375			
9,000.00	7,202.57	6,782.04	6,692.42	59.37	20.71	17.84	-801.58	-506.09	1,129.26	1,086.41	42.84	26.358			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-12B-M - 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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)					
6,400.00	6,218.30	9,073.19	7,029.44	25.20	64.11	-82.58	-1,333.74	-1,364.31	1,138.16	1,071.39	66.77	17.045				
6,500.00	6,315.09	9,106.04	7,028.88	25.68	65.05	-81.03	-1,333.89	-1,385.08	1,063.31	992.71	70.60	15.062				
6,600.00	6,411.92	9,114.58	7,028.33	26.15	65.29	-76.23	-1,334.05	-1,405.69	992.43	918.22	74.21	13.373				
6,700.00	6,510.45	9,125.42	7,028.04	26.34	65.60	-31.70	-1,334.13	-1,416.52	925.42	847.43	77.98	11.867				
6,800.00	6,609.83	9,120.58	7,028.17	26.45	65.46	50.10	-1,334.09	-1,411.68	864.17	782.74	81.44	10.612				
6,900.00	6,707.64	9,100.20	7,028.72	26.51	64.88	77.17	-1,333.94	-1,391.31	811.40	727.12	84.27	9.628				
7,000.00	6,801.46	9,064.77	7,029.66	26.57	63.88	86.08	-1,333.68	-1,355.90	769.03	682.84	86.20	8.922				
7,100.00	6,888.97	9,015.17	7,030.99	26.67	62.46	89.02	-1,333.31	-1,306.31	737.92	650.93	86.98	8.483				
7,200.00	6,968.03	8,952.62	7,032.65	26.85	60.69	88.91	-1,332.85	-1,243.78	717.52	630.89	86.63	8.282				
7,300.00	7,036.68	8,878.65	7,034.63	27.18	58.60	87.11	-1,332.30	-1,169.85	706.08	620.72	85.36	8.272 SF				
7,400.00	7,093.25	8,804.90	7,036.86	27.71	56.52	84.59	-1,331.68	-1,086.32	701.04	617.22	83.81	8.364				
7,500.00	7,136.32	8,704.01	7,039.29	28.47	53.69	82.14	-1,331.01	-995.27	699.61	618.05	81.56	8.578				
7,600.00	7,164.85	8,607.63	7,041.86	29.48	51.00	80.37	-1,330.30	-898.93	699.38	619.66	79.72	8.773				
7,700.00	7,178.13	8,508.33	7,044.51	30.71	48.25	79.67	-1,329.56	-799.67	698.67	620.46	78.21	8.933				
7,800.00	7,180.41	8,408.35	7,047.18	32.13	45.50	79.71	-1,328.82	-699.72	697.12	620.09	77.03	9.050				
7,900.00	7,182.26	8,308.36	7,049.85	33.77	42.79	79.76	-1,328.08	-599.78	695.55	619.47	76.08	9.143				
8,000.00	7,184.10	8,208.38	7,052.51	35.60	40.11	79.81	-1,327.34	-499.83	693.97	618.65	75.32	9.214				
8,100.00	7,185.95	8,108.39	7,055.18	37.58	37.47	79.85	-1,326.61	-399.88	692.40	617.66	74.74	9.265				
8,200.00	7,187.80	8,008.41	7,057.85	39.69	34.88	79.90	-1,325.87	-299.93	690.82	616.50	74.32	9.295				
8,300.00	7,189.64	7,908.42	7,060.52	41.91	32.35	79.94	-1,325.13	-199.99	689.25	615.19	74.06	9.307				
8,400.00	7,191.49	7,808.43	7,063.18	44.22	29.91	79.99	-1,324.39	-100.04	687.68	613.71	73.97	9.297				
8,500.00	7,193.34	7,708.45	7,065.85	46.61	27.57	80.04	-1,323.65	-0.09	686.10	612.06	74.04	9.266				
8,600.00	7,195.18	7,608.46	7,068.52	49.07	25.35	80.08	-1,322.91	99.86	684.53	610.22	74.31	9.212				
8,700.00	7,197.03	7,508.47	7,071.19	51.58	23.31	80.13	-1,322.17	199.81	682.96	608.17	74.79	9.132				
8,798.00	7,198.84	7,421.14	7,070.96	54.09	21.68	79.96	-1,321.52	287.10	681.94	606.31	75.63	9.017 CC				
8,800.00	7,198.88	7,419.47	7,070.85	54.14	21.65	79.95	-1,321.51	288.77	681.94	606.30	75.65	9.015 ES				
8,900.00	7,200.73	7,337.02	7,060.14	56.74	20.27	78.92	-1,320.92	370.46	683.29	606.65	76.64	8.916				
9,000.00	7,202.57	7,258.94	7,040.35	59.37	19.14	77.17	-1,320.39	445.94	687.76	610.10	77.66	8.856				
9,100.00	7,204.42	7,186.99	7,014.06	62.04	18.28	74.93	-1,319.92	512.87	696.40	617.76	78.64	8.855				
9,200.00	7,206.27	7,122.09	6,984.00	64.73	17.65	72.45	-1,319.53	570.35	710.34	630.90	79.44	8.941				
9,300.00	7,208.11	7,064.40	6,952.49	67.44	17.22	69.94	-1,319.21	618.65	730.59	650.65	79.94	9.140				
9,400.00	7,209.96	7,013.58	6,921.21	70.18	16.92	67.54	-1,318.95	658.69	757.78	677.74	80.04	9.468				
9,500.00	7,211.81	6,969.00	6,891.22	72.93	16.71	65.31	-1,318.74	691.65	792.17	712.43	79.74	9.935				
9,600.00	7,213.65	6,929.96	6,863.11	75.70	16.57	63.30	-1,318.57	718.74	833.64	754.57	79.07	10.543				
9,700.00	7,215.50	6,900.00	6,840.45	78.49	16.47	61.73	-1,318.45	738.33	881.82	803.71	78.11	11.289				
9,800.00	7,217.35	6,865.61	6,813.33	81.29	16.39	59.92	-1,318.33	759.47	936.06	859.10	76.96	12.162				
9,900.00	7,219.20	6,850.00	6,800.65	84.09	16.35	59.09	-1,318.27	768.58	995.91	920.25	75.66	13.163				
10,000.00	7,221.04	6,815.51	6,771.88	86.91	16.29	57.27	-1,318.16	787.58	1,060.29	985.92	74.37	14.257				
10,100.00	7,222.89	6,800.00	6,758.61	89.74	16.26	56.45	-1,318.12	795.61	1,129.00	1,055.98	73.02	15.461				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-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		
0.00	0.00	1.00	-1.00	3.28	3.28	-179.60	-40.08	-0.28	40.08					
100.00	100.00	101.00	99.00	3.28	3.28	-179.60	-40.08	-0.28	40.08	32.55	7.53	5.325		
200.00	200.00	201.00	199.00	3.30	3.30	-179.60	-40.08	-0.28	40.08	32.51	7.57	5.296		
277.19	277.19	275.99	275.99	3.33	3.33	-68.15	-40.15	-0.38	39.95	32.32	7.63	5.237 CC		
300.00	300.00	298.62	298.62	3.34	3.34	-67.68	-40.31	-0.62	40.15	32.50	7.65	5.248		
400.00	399.93	397.84	397.77	3.40	3.40	-68.21	-42.20	-3.45	40.74	32.98	7.76	5.250		
500.00	499.68	497.05	496.74	3.49	3.48	-69.19	-45.99	-9.14	41.96	34.04	7.92	5.300		
600.00	599.13	596.24	595.40	3.59	3.59	-70.52	-51.68	-17.67	43.81	35.69	8.13	5.392		
700.00	698.15	695.42	693.63	3.74	3.73	-72.11	-59.25	-29.03	46.32	37.93	8.40	5.517		
800.00	796.63	794.57	791.29	3.92	3.91	-73.86	-68.71	-43.21	49.50	40.76	8.74	5.662		
900.00	894.44	893.68	888.28	4.15	4.13	-75.66	-80.03	-60.19	53.37	44.19	9.18	5.814		
1,000.00	991.48	992.75	984.46	4.44	4.41	-77.38	-93.21	-79.94	57.95	48.23	9.72	5.963		
1,100.00	1,088.28	1,107.98	1,080.00	4.76	4.80	-77.11	-108.15	-102.35	63.65	53.26	10.39	6.125		
1,200.00	1,185.07	1,208.17	1,175.85	5.12	5.18	-76.29	-123.60	-125.51	69.69	58.61	11.08	6.287		
1,300.00	1,281.86	1,308.35	1,271.70	5.50	5.59	-75.60	-139.05	-148.68	75.75	63.92	11.82	6.407		
1,400.00	1,378.66	1,408.54	1,367.55	5.89	6.02	-75.01	-154.50	-171.85	81.81	69.21	12.60	6.494		
1,500.00	1,475.45	1,508.73	1,463.40	6.31	6.47	-74.51	-169.95	-195.01	87.87	74.47	13.40	6.558		
1,600.00	1,572.24	1,608.92	1,559.25	6.73	6.94	-74.07	-185.40	-218.18	93.95	79.72	14.23	6.603		
1,700.00	1,669.03	1,709.10	1,655.10	7.17	7.39	-73.68	-200.86	-241.35	100.03	84.97	15.06	6.643		
1,800.00	1,765.83	1,809.29	1,750.95	7.42	7.64	-73.34	-216.31	-264.52	106.11	90.98	15.13	7.014		
1,900.00	1,862.62	1,909.48	1,846.80	7.49	7.73	-73.03	-231.76	-287.68	112.20	96.94	15.26	7.352		
2,000.00	1,959.41	2,009.66	1,942.65	7.59	7.85	-72.76	-247.21	-310.85	118.29	102.83	15.46	7.652		
2,100.00	2,056.21	2,090.15	2,038.50	7.73	7.98	-72.51	-262.66	-334.02	124.38	108.69	15.69	7.927		
2,200.00	2,153.00	2,189.96	2,134.35	7.90	8.16	-72.28	-278.11	-357.19	130.47	114.47	16.00	8.152		
2,300.00	2,249.79	2,289.78	2,230.20	8.10	8.38	-72.08	-293.56	-380.35	136.57	120.19	16.37	8.340		
2,400.00	2,346.58	2,389.59	2,326.05	8.32	8.63	-71.89	-309.01	-403.52	142.67	125.87	16.80	8.494		
2,500.00	2,443.38	2,489.40	2,421.90	8.56	8.90	-71.72	-324.46	-426.69	148.76	131.50	17.27	8.616		
2,600.00	2,540.17	2,589.21	2,517.75	8.83	9.20	-71.56	-339.91	-449.86	154.86	137.09	17.78	8.711		
2,700.00	2,636.96	2,689.03	2,613.59	9.12	9.52	-71.42	-355.36	-473.02	160.96	142.63	18.33	8.781		
2,800.00	2,733.76	2,788.84	2,709.44	9.43	9.86	-71.28	-370.81	-496.19	167.07	148.15	18.92	8.831		
2,900.00	2,830.55	2,888.65	2,805.29	9.75	10.21	-71.16	-386.26	-519.36	173.17	153.63	19.54	8.863		
3,000.00	2,927.34	2,988.47	2,901.14	10.09	10.59	-71.04	-401.71	-542.53	179.27	159.08	20.19	8.880		
3,100.00	3,024.13	3,088.28	2,996.99	10.44	10.97	-70.93	-417.17	-565.69	185.38	164.51	20.87	8.884		
3,200.00	3,120.93	3,188.09	3,092.84	10.81	11.37	-70.83	-432.62	-588.86	191.48	169.92	21.57	8.879		
3,300.00	3,217.72	3,287.90	3,188.69	11.18	11.78	-70.73	-448.07	-612.03	197.59	175.30	22.29	8.865		
3,400.00	3,314.51	3,387.72	3,284.54	11.57	12.21	-70.64	-463.52	-635.19	203.69	180.66	23.03	8.845		
3,500.00	3,411.31	3,487.53	3,380.39	11.96	12.64	-70.56	-478.97	-658.36	209.80	186.01	23.79	8.820		
3,600.00	3,508.10	3,587.34	3,476.24	12.36	13.08	-70.48	-494.42	-681.53	215.91	191.34	24.56	8.790		
3,700.00	3,604.89	3,687.16	3,572.09	12.77	13.53	-70.40	-509.87	-704.70	222.01	196.66	25.35	8.758		
3,800.00	3,701.69	3,786.97	3,667.94	13.19	13.98	-70.33	-525.32	-727.86	228.12	201.97	26.15	8.723		
3,900.00	3,798.48	3,886.78	3,763.79	13.61	14.44	-70.26	-540.77	-751.03	234.23	207.26	26.97	8.686		
4,000.00	3,895.27	3,986.59	3,859.64	14.04	14.91	-70.19	-556.22	-774.20	240.34	212.55	27.79	8.648		
4,100.00	3,992.06	4,086.41	3,955.49	14.47	15.38	-70.13	-571.67	-797.37	246.45	217.82	28.62	8.610		
4,200.00	4,088.86	4,186.22	4,051.34	14.91	15.86	-70.07	-587.12	-820.53	252.56	223.09	29.47	8.571		
4,300.00	4,185.65	4,286.03	4,147.19	15.35	16.34	-70.02	-602.57	-843.70	258.66	228.35	30.32	8.532		
4,400.00	4,282.44	4,385.85	4,243.04	15.80	16.82	-69.97	-618.02	-866.87	264.77	233.60	31.18	8.493		
4,500.00	4,379.24	4,485.66	4,338.89	16.25	17.31	-69.92	-633.48	-890.04	270.88	238.84	32.04	8.454		
4,600.00	4,476.03	4,585.47	4,434.74	16.70	17.80	-69.87	-648.93	-913.20	276.99	244.08	32.91	8.416		
4,700.00	4,572.82	4,685.29	4,530.59	17.16	18.30	-69.82	-664.38	-936.37	283.10	249.31	33.79	8.378		
4,800.00	4,669.61	4,785.10	4,626.44	17.62	18.79	-69.78	-679.83	-959.54	289.21	254.54	34.67	8.341		
4,900.00	4,766.41	4,884.91	4,722.29	18.08	19.29	-69.73	-695.28	-982.71	295.32	259.76	35.56	8.305		
5,000.00	4,863.20	4,984.72	4,818.14	18.54	19.80	-69.69	-710.73	-1,005.87	301.43	264.98	36.45	8.269		
5,100.00	4,959.99	5,084.54	4,913.99	19.01	20.30	-69.65	-726.18	-1,029.04	307.54	270.20	37.35	8.234		
5,200.00	5,056.79	5,184.35	5,009.84	19.47	20.81	-69.62	-741.63	-1,052.21	313.66	275.41	38.25	8.200		
5,300.00	5,153.58	5,284.16	5,105.69	19.94	21.32	-69.58	-757.08	-1,075.37	319.77	280.61	39.15	8.167		
5,400.00	5,250.37	5,383.98	5,201.54	20.41	21.83	-69.54	-772.53	-1,098.54	325.88	285.82	40.06	8.135		
5,500.00	5,347.16	5,483.79	5,297.39	20.89	22.34	-69.51	-787.98	-1,121.71	331.99	291.02	40.97	8.103		
5,600.00	5,443.96	5,583.60	5,393.24	21.36	22.85	-69.48	-803.43	-1,144.88	338.10	296.22	41.88	8.072		
5,700.00	5,540.75	5,683.41	5,489.09	21.84	23.37	-69.45	-818.88	-1,168.04	344.21	301.41	42.80	8.043		
5,800.00	5,637.54	5,783.23	5,584.94	22.31	23.88	-69.42	-834.33	-1,191.21	350.32	306.61	43.72	8.013		
5,900.00	5,734.34	5,883.04	5,680.79	22.79	24.40	-69.39	-849.79	-1,214.38	356.43	311.80	44.64	7.985		
6,000.00	5,831.13	5,982.85	5,776.64	23.27	24.92	-69.36	-865.24	-1,237.55	362.55	316.98	45.56	7.957		
6,100.00	5,927.92	6,082.67	5,872.49	23.75	25.44	-69.33	-880.69	-1,260.71	368.66	322.17	46.49	7.930		
6,200.00	6,024.71	6,182.48	5,968.33	24.23	25.96	-69.31	-896.14	-1,283.88	374.77	327.36	47.41	7.904		
6,300.00	6,121.51	6,282.29	6,064.18	24.72	26.48	-69.28	-911.59	-1,307.05	380.88	332.54	48.34	7.879		
6,400.00	6,218.30	6,382.10	6,160.03	25.20	27.00	-69.26	-927.04	-1,330.22	386.99	337.72	49.27	7.854		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,315.09	6,481.92	6,255.88	25.68	27.53	-69.23	-942.49	-1,353.38	393.10	342.90	50.21	7.830	
6,600.00	6,411.92	6,581.73	6,351.73	26.15	28.05	-67.20	-957.94	-1,376.55	399.21	348.09	51.12	7.809	
6,700.00	6,510.45	6,680.46	6,446.73	26.34	28.48	-30.82	-973.25	-1,398.62	405.06	353.65	51.41	7.879	
6,800.00	6,609.83	6,778.98	6,543.37	26.45	28.68	45.62	-988.83	-1,408.91	411.09	359.79	51.29	8.014	
6,900.00	6,707.64	6,879.51	6,642.38	26.51	28.79	69.91	-1,004.77	-1,403.72	417.33	366.23	51.10	8.167	
7,000.00	6,801.46	6,982.16	6,741.37	26.57	28.86	78.43	-1,020.71	-1,382.23	423.60	372.67	50.93	8.317	
7,100.00	6,888.97	7,087.02	6,837.62	26.67	28.91	82.92	-1,036.20	-1,343.94	429.70	378.78	50.92	8.439	
7,200.00	6,968.03	7,194.09	6,928.15	26.85	29.00	85.80	-1,050.76	-1,288.90	435.40	384.21	51.19	8.506	
7,300.00	7,036.68	7,303.27	7,009.76	27.18	29.16	87.83	-1,063.88	-1,217.78	440.47	388.58	51.90	8.487	
7,400.00	7,093.25	7,414.38	7,079.27	27.71	29.47	89.30	-1,075.05	-1,132.01	444.69	391.49	53.21	8.358	
7,500.00	7,136.32	7,527.10	7,133.69	28.47	30.00	90.34	-1,083.77	-1,033.84	447.86	392.65	55.20	8.113	
7,600.00	7,164.85	7,641.05	7,170.47	29.48	30.81	91.02	-1,089.66	-926.32	449.80	391.92	57.88	7.771	
7,700.00	7,178.13	7,755.71	7,187.81	30.71	31.91	91.36	-1,092.40	-813.16	450.41	389.30	61.11	7.371	
7,800.00	7,180.41	7,859.55	7,190.26	32.13	33.18	91.38	-1,092.76	-709.36	449.98	385.67	64.31	6.997	
7,900.00	7,182.26	7,959.55	7,191.97	33.77	34.63	91.36	-1,092.99	-609.37	449.50	381.76	67.74	6.636	
8,000.00	7,184.10	8,059.55	7,193.67	35.60	36.30	91.34	-1,093.23	-509.39	449.02	377.52	71.49	6.281	
8,100.00	7,185.95	8,159.55	7,195.38	37.58	38.15	91.33	-1,093.46	-409.40	448.53	373.00	75.53	5.939	
8,200.00	7,187.80	8,259.55	7,197.09	39.69	40.16	91.31	-1,093.70	-309.42	448.05	368.25	79.81	5.614	
8,300.00	7,189.64	8,359.55	7,198.79	41.91	42.29	91.29	-1,093.93	-209.44	447.57	363.29	84.28	5.310	
8,400.00	7,191.49	8,459.55	7,200.50	44.22	44.54	91.28	-1,094.16	-109.45	447.09	358.16	88.93	5.027	
8,500.00	7,193.34	8,559.54	7,202.20	46.61	46.87	91.26	-1,094.40	-9.47	446.61	352.88	93.73	4.765	
8,600.00	7,195.18	8,659.54	7,203.91	49.07	49.28	91.24	-1,094.63	90.52	446.13	347.48	98.65	4.523	
8,700.00	7,197.03	8,759.54	7,205.62	51.58	51.75	91.23	-1,094.87	190.50	445.64	341.97	103.67	4.299	
8,800.00	7,198.88	8,859.54	7,207.32	54.14	54.28	91.21	-1,095.10	290.48	445.16	336.37	108.79	4.092	
8,900.00	7,200.73	8,959.54	7,209.03	56.74	56.85	91.19	-1,095.34	390.47	444.68	330.70	113.98	3.901	
9,000.00	7,202.57	9,059.54	7,210.73	59.37	59.46	91.18	-1,095.57	490.45	444.20	324.95	119.25	3.725	
9,100.00	7,204.42	9,159.54	7,212.44	62.04	62.11	91.16	-1,095.81	590.44	443.72	319.14	124.57	3.562	
9,200.00	7,206.27	9,259.54	7,214.15	64.73	64.78	91.14	-1,096.04	690.42	443.24	313.28	129.95	3.411	
9,300.00	7,208.11	9,359.54	7,215.85	67.44	67.48	91.13	-1,096.28	790.40	442.75	307.38	135.37	3.271	
9,400.00	7,209.96	9,459.53	7,217.56	70.18	70.20	91.11	-1,096.51	890.39	442.27	301.43	140.84	3.140	
9,500.00	7,211.81	9,559.53	7,219.27	72.93	72.94	91.09	-1,096.74	990.37	441.79	295.45	146.34	3.019	
9,600.00	7,213.65	9,659.53	7,220.97	75.70	75.69	91.07	-1,096.98	1,090.36	441.31	289.44	151.87	2.906	
9,700.00	7,215.50	9,759.53	7,222.68	78.49	78.47	91.06	-1,097.21	1,190.34	440.83	283.39	157.44	2.800	
9,800.00	7,217.35	9,859.53	7,224.38	81.29	81.25	91.04	-1,097.45	1,290.32	440.35	277.32	163.03	2.701	
9,900.00	7,219.20	9,959.53	7,226.09	84.09	84.05	91.02	-1,097.68	1,390.31	439.87	271.23	168.64	2.608	
10,000.00	7,221.04	10,059.53	7,227.80	86.91	86.86	91.01	-1,097.92	1,490.29	439.38	265.11	174.27	2.521	
10,100.00	7,222.89	10,159.53	7,229.50	89.74	89.68	90.99	-1,098.15	1,590.27	438.90	258.98	179.92	2.439	
10,200.00	7,224.74	10,259.52	7,231.21	92.58	92.51	90.97	-1,098.39	1,690.26	438.42	252.83	185.59	2.362	
10,300.00	7,226.58	10,359.52	7,232.91	95.43	95.35	90.95	-1,098.62	1,790.24	437.94	246.66	191.28	2.290	
10,400.00	7,228.43	10,459.52	7,234.62	98.28	98.20	90.94	-1,098.86	1,890.23	437.46	240.48	196.98	2.221	
10,500.00	7,230.28	10,559.52	7,236.33	101.14	101.05	90.92	-1,099.09	1,990.21	436.98	234.29	202.69	2.156	
10,600.00	7,232.12	10,659.52	7,238.03	104.00	103.91	90.90	-1,099.32	2,090.19	436.50	228.08	208.42	2.094	
10,700.00	7,233.97	10,759.52	7,239.74	106.87	106.77	90.88	-1,099.56	2,190.18	436.02	221.86	214.15	2.036	
10,800.00	7,235.82	10,859.52	7,241.44	109.75	109.64	90.87	-1,099.79	2,290.16	435.54	215.64	219.90	1.981	
10,900.00	7,237.66	10,959.52	7,243.15	112.63	112.52	90.85	-1,100.03	2,390.15	435.05	209.40	225.66	1.928	
11,000.00	7,239.51	11,059.51	7,244.86	115.51	115.40	90.83	-1,100.26	2,490.13	434.57	203.15	231.42	1.878	
11,100.00	7,241.36	11,159.51	7,246.56	118.40	118.28	90.81	-1,100.50	2,590.11	434.09	196.90	237.20	1.830	
11,200.00	7,243.21	11,259.51	7,248.27	121.29	121.17	90.80	-1,100.73	2,690.10	433.61	190.64	242.98	1.785	
11,300.00	7,245.05	11,359.51	7,249.97	124.19	124.06	90.78	-1,100.97	2,790.08	433.13	184.37	248.76	1.741	
11,400.00	7,246.90	11,459.51	7,251.68	127.09	126.95	90.76	-1,101.20	2,890.07	432.65	178.09	254.56	1.700	
11,500.00	7,248.75	11,559.51	7,253.39	129.99	129.85	90.74	-1,101.43	2,990.05	432.17	171.81	260.36	1.660	
11,600.00	7,250.59	11,659.51	7,255.09	132.89	132.75	90.73	-1,101.67	3,090.03	431.69	165.52	266.17	1.622	
11,700.00	7,252.44	11,759.51	7,256.80	135.80	135.65	90.71	-1,101.90	3,190.02	431.21	159.23	271.98	1.585	
11,800.00	7,254.29	11,859.50	7,258.51	138.71	138.56	90.69	-1,102.14	3,290.00	430.73	152.93	277.80	1.551	
11,900.00	7,256.13	11,959.50	7,260.21	141.62	141.47	90.67	-1,102.37	3,389.99	430.25	146.63	283.62	1.517	
12,000.00	7,257.98	12,059.50	7,261.92	144.54	144.38	90.65	-1,102.61	3,489.97	429.77	140.33	289.44	1.485 Level 3	
12,100.00	7,259.83	12,159.50	7,263.62	147.45	147.29	90.64	-1,102.84	3,589.95	429.29	134.01	295.27	1.454 Level 3	
12,200.00	7,261.67	12,259.50	7,265.33	150.37	150.20	90.62	-1,103.08	3,689.94	428.81	127.70	301.11	1.424 Level 3	
12,300.00	7,263.52	12,359.50	7,267.04	153.29	153.12	90.60	-1,103.31	3,789.92	428.33	121.38	306.94	1.395 Level 3	
12,400.00	7,265.37	12,459.50	7,268.74	156.21	156.04	90.58	-1,103.55	3,889.91	427.85	115.06	312.79	1.368 Level 3	
12,500.00	7,267.22	12,559.50	7,270.45	159.13	158.96	90.56	-1,103.78	3,989.89	427.37	108.74	318.63	1.341 Level 3	
12,600.00	7,269.06	12,659.49	7,272.15	162.06	161.88	90.54	-1,104.01	4,089.87	426.89	102.41	324.48	1.316 Level 3	
12,700.00	7,270.91	12,759.49	7,273.86	164.98	164.80	90.53	-1,104.25	4,189.86	426.41	96.08	330.33	1.291 Level 3	
12,800.00	7,272.76	12,859.49	7,275.57	167.91	167.73	90.51	-1,104.48	4,289.84	425.93	89.74	336.18	1.267 Level 3	
12,900.00	7,274.60	12,959.49	7,277.27	170.84	170.65	90.49	-1,104.72	4,389.82	425.45	83.41	342.04	1.244 Level 2	
13,000.00	7,276.45	13,059.49	7,278.98	173.77	173.58	90.47	-1,104.95	4,489.81	424.97	77.07	347.90	1.222 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-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
13,100.00	7,278.30	13,159.49	7,280.68	176.70	176.51	90.45	-1,105.19	4,589.79	424.49	70.73	353.76	1.200	Level 2
13,200.00	7,280.14	13,259.49	7,282.39	179.63	179.44	90.43	-1,105.42	4,689.78	424.01	64.39	359.62	1.179	Level 2
13,300.00	7,281.99	13,359.49	7,284.10	182.57	182.37	90.42	-1,105.66	4,789.76	423.53	58.04	365.49	1.159	Level 2
13,400.00	7,283.84	13,459.48	7,285.80	185.50	185.30	90.40	-1,105.89	4,889.74	423.05	51.69	371.35	1.139	Level 2
13,500.00	7,285.69	13,559.48	7,287.51	188.44	188.23	90.38	-1,106.13	4,989.73	422.57	45.34	377.22	1.120	Level 2
13,600.00	7,287.53	13,659.48	7,289.21	191.37	191.16	90.36	-1,106.36	5,089.71	422.09	38.99	383.09	1.102	Level 2
13,700.00	7,289.38	13,759.48	7,290.92	194.31	194.10	90.34	-1,106.59	5,189.70	421.61	32.64	388.97	1.084	Level 2
13,738.72	7,290.09	13,801.80	7,291.58	195.44	195.34	90.34	-1,106.68	5,228.41	421.51	30.17	391.34	1.077	Level 2
13,800.00	7,291.23	13,859.48	7,292.63	197.24	197.03	90.33	-1,106.83	5,289.68	422.14	27.31	394.83	1.069	Level 2
13,900.00	7,293.07	13,959.48	7,294.33	200.17	199.97	90.31	-1,107.06	5,389.66	422.90	22.20	400.70	1.055	Level 2
14,000.00	7,294.92	14,059.47	7,296.04	203.11	202.91	90.29	-1,107.30	5,489.64	423.66	17.08	406.58	1.042	Level 2
14,100.00	7,296.77	14,159.47	7,297.75	206.04	205.84	90.28	-1,107.53	5,589.63	424.42	11.97	412.45	1.029	Level 2
14,200.00	7,298.61	14,259.47	7,299.45	208.98	208.78	90.26	-1,107.77	5,689.61	425.18	6.85	418.33	1.016	Level 2
14,300.00	7,300.46	14,359.46	7,301.16	211.92	211.72	90.24	-1,108.00	5,789.59	425.94	1.74	424.21	1.004	Level 2
14,400.00	7,302.31	14,459.46	7,302.86	214.86	214.66	90.22	-1,108.24	5,889.57	426.70	-3.38	430.09	0.992	Level 1
14,500.00	7,304.15	14,559.46	7,304.57	217.80	217.60	90.20	-1,108.47	5,989.55	427.46	-8.50	435.97	0.980	Level 1
14,600.00	7,306.00	14,659.45	7,306.28	220.74	220.54	90.18	-1,108.70	6,089.54	428.23	-13.62	441.85	0.969	Level 1
14,700.00	7,307.85	14,759.45	7,307.98	223.68	223.49	90.16	-1,108.94	6,189.52	428.99	-18.75	447.73	0.958	Level 1
14,800.00	7,309.70	14,859.45	7,309.69	226.62	226.43	90.14	-1,109.17	6,289.50	429.75	-23.87	453.62	0.947	Level 1
14,900.00	7,311.54	14,959.45	7,311.39	229.56	229.37	90.12	-1,109.41	6,389.48	430.51	-28.99	459.50	0.937	Level 1
15,000.00	7,313.39	15,059.44	7,313.10	232.50	232.31	90.10	-1,109.64	6,489.47	431.27	-34.12	465.39	0.927	Level 1
15,100.00	7,315.24	15,159.44	7,314.81	235.44	235.26	90.08	-1,109.88	6,589.45	432.03	-39.25	471.28	0.917	Level 1
15,200.00	7,317.08	15,259.44	7,316.51	238.39	238.20	90.06	-1,110.11	6,689.43	432.79	-44.37	477.16	0.907	Level 1
15,300.00	7,318.93	15,359.43	7,318.22	241.33	241.15	90.05	-1,110.35	6,789.41	433.55	-49.50	483.05	0.898	Level 1
15,400.00	7,320.78	15,459.43	7,319.92	244.27	244.09	90.03	-1,110.58	6,889.39	434.31	-54.63	488.94	0.888	Level 1
15,500.00	7,322.62	15,559.43	7,321.63	247.22	247.04	90.01	-1,110.82	6,989.38	435.08	-59.76	494.83	0.879	Level 1
15,600.00	7,324.47	15,659.42	7,323.34	250.16	249.98	89.99	-1,111.05	7,089.36	435.84	-64.89	500.72	0.870	Level 1
15,700.00	7,326.32	15,759.42	7,325.04	253.11	252.93	89.97	-1,111.28	7,189.34	436.60	-70.02	506.62	0.862	Level 1
15,800.00	7,328.16	15,859.42	7,326.75	256.05	255.88	89.95	-1,111.52	7,289.32	437.36	-75.15	512.51	0.853	Level 1
15,900.00	7,330.01	15,959.42	7,328.45	259.00	258.82	89.94	-1,111.75	7,389.30	438.12	-80.28	518.40	0.845	Level 1
16,000.00	7,331.86	16,059.41	7,330.16	261.94	261.77	89.92	-1,111.99	7,489.29	438.88	-85.41	524.30	0.837	Level 1
16,100.00	7,333.70	16,159.41	7,331.87	264.89	264.72	89.90	-1,112.22	7,589.27	439.64	-90.55	530.19	0.829	Level 1
16,200.00	7,335.55	16,259.41	7,333.57	267.84	267.67	89.88	-1,112.46	7,689.25	440.41	-95.68	536.09	0.822	Level 1
16,300.00	7,337.40	16,359.40	7,335.28	270.78	270.62	89.86	-1,112.69	7,789.23	441.17	-100.81	541.98	0.814	Level 1
16,400.00	7,339.25	16,459.40	7,336.98	273.73	273.56	89.84	-1,112.93	7,889.22	441.93	-105.95	547.88	0.807	Level 1
16,500.00	7,341.09	16,559.40	7,338.69	276.68	276.51	89.83	-1,113.16	7,989.20	442.69	-111.08	553.78	0.799	Level 1
16,600.00	7,342.94	16,659.39	7,340.40	279.62	279.46	89.81	-1,113.40	8,089.18	443.45	-116.22	559.67	0.792	Level 1
16,700.00	7,344.79	16,759.39	7,342.10	282.57	282.41	89.79	-1,113.63	8,189.16	444.21	-121.36	565.57	0.785	Level 1
16,800.00	7,346.63	16,859.39	7,343.81	285.52	285.36	89.77	-1,113.86	8,289.14	444.98	-126.49	571.47	0.779	Level 1
16,900.00	7,348.48	16,959.39	7,345.51	288.47	288.31	89.76	-1,114.10	8,389.13	445.74	-131.63	577.37	0.772	Level 1
17,000.00	7,350.33	17,059.38	7,347.22	291.42	291.26	89.74	-1,114.33	8,489.11	446.50	-136.77	583.27	0.766	Level 1
17,100.00	7,352.17	17,159.38	7,348.93	294.37	294.22	89.72	-1,114.57	8,589.09	447.26	-141.91	589.17	0.759	Level 1
17,200.00	7,354.02	17,259.38	7,350.63	297.32	297.17	89.70	-1,114.80	8,689.07	448.02	-147.04	595.07	0.753	Level 1
17,300.00	7,355.87	17,359.37	7,352.34	300.27	300.12	89.69	-1,115.04	8,789.06	448.79	-152.18	600.97	0.747	Level 1
17,400.00	7,357.71	17,459.37	7,354.05	303.22	303.07	89.67	-1,115.27	8,889.04	449.55	-157.32	606.87	0.741	Level 1
17,500.00	7,359.56	17,559.37	7,355.75	306.17	306.02	89.65	-1,115.51	8,989.02	450.31	-162.46	612.77	0.735	Level 1
17,600.00	7,361.41	17,659.36	7,357.46	309.12	308.97	89.63	-1,115.74	9,089.00	451.07	-167.60	618.67	0.729	Level 1
17,686.20	7,363.00	17,745.56	7,358.93	311.66	311.52	89.62	-1,115.94	9,175.18	451.73	-172.03	623.76	0.724	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L2 - 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
7,700.00	7,178.13	6,900.00	6,888.83	30.71	15.67	69.37	-1,517.42	-61.72	1,185.13	1,141.26	43.87	27.012	
7,800.00	7,180.41	6,914.94	6,902.82	32.13	15.70	71.82	-1,517.77	-56.50	1,124.64	1,079.27	45.37	24.787	
7,900.00	7,182.26	6,934.30	6,920.77	33.77	15.73	72.90	-1,518.22	-49.25	1,069.37	1,022.15	47.22	22.646	
8,000.00	7,184.10	6,950.00	6,935.15	35.60	15.76	73.76	-1,518.57	-42.98	1,020.14	970.78	49.36	20.667	
8,100.00	7,185.95	6,982.98	6,964.85	37.58	15.81	75.57	-1,519.31	-28.65	977.50	925.64	51.86	18.847	
8,200.00	7,187.80	7,013.96	6,992.02	39.69	15.87	77.25	-1,519.98	-13.81	942.18	887.63	54.55	17.270	
8,300.00	7,189.64	7,050.00	7,022.69	41.91	15.93	79.17	-1,520.74	5.10	914.55	857.17	57.38	15.939	
8,400.00	7,191.49	7,095.33	7,059.67	44.22	16.03	81.50	-1,521.64	31.30	894.69	834.44	60.26	14.848	
8,500.00	7,193.34	7,149.25	7,101.08	46.61	16.16	84.14	-1,522.65	65.78	882.30	819.18	63.12	13.979	
8,600.00	7,195.18	7,214.96	7,147.38	49.07	16.41	87.10	-1,523.76	112.36	876.48	810.51	65.97	13.287	
8,665.85	7,196.40	7,265.84	7,179.79	50.72	16.68	89.17	-1,524.52	151.55	875.55	807.67	67.88	12.898	
8,700.00	7,197.03	7,294.85	7,196.84	51.58	16.87	90.26	-1,524.92	175.02	875.76	806.87	68.89	12.712	
8,800.00	7,198.88	7,390.63	7,245.22	54.14	17.74	93.32	-1,526.02	257.56	878.09	805.96	72.13	12.174	
8,900.00	7,200.73	7,501.88	7,285.16	56.74	19.18	95.79	-1,526.87	361.25	881.09	805.14	75.94	11.602	
9,000.00	7,202.57	7,624.48	7,307.55	59.37	21.27	97.10	-1,527.23	481.59	882.58	802.05	80.53	10.960	
9,100.00	7,204.42	7,735.44	7,310.29	62.04	23.46	97.15	-1,527.11	592.48	881.80	796.43	85.37	10.329	
9,200.00	7,206.27	7,835.43	7,310.78	64.73	25.63	97.07	-1,526.95	692.47	880.77	790.57	90.20	9.765	
9,300.00	7,208.11	7,935.42	7,311.28	67.44	27.94	96.99	-1,526.79	792.45	879.74	784.53	95.20	9.240	
9,400.00	7,209.96	8,035.40	7,311.78	70.18	30.37	96.91	-1,526.63	892.44	878.71	778.36	100.34	8.757	
9,500.00	7,211.81	8,135.39	7,312.27	72.93	32.88	96.83	-1,526.47	992.42	877.68	772.09	105.59	8.312	
9,600.00	7,213.65	8,235.38	7,312.77	75.70	35.46	96.75	-1,526.32	1,092.41	876.65	765.72	110.93	7.903	
9,700.00	7,215.50	8,335.36	7,313.27	78.49	38.10	96.66	-1,526.16	1,192.39	875.63	759.29	116.33	7.527	
9,800.00	7,217.35	8,435.35	7,313.77	81.29	40.78	96.58	-1,526.00	1,292.38	874.60	752.81	121.80	7.181	
9,900.00	7,219.20	8,535.34	7,314.26	84.09	43.50	96.50	-1,525.84	1,392.37	873.58	746.27	127.31	6.862	
10,000.00	7,221.04	8,635.33	7,314.76	86.91	46.25	96.42	-1,525.68	1,492.35	872.56	739.69	132.87	6.567	
10,100.00	7,222.89	8,735.31	7,315.26	89.74	49.03	96.34	-1,525.52	1,592.34	871.55	733.08	138.46	6.294	
10,200.00	7,224.74	8,835.30	7,315.75	92.58	51.82	96.26	-1,525.36	1,692.32	870.53	726.44	144.09	6.042	
10,300.00	7,226.58	8,935.29	7,316.25	95.43	54.64	96.17	-1,525.20	1,792.31	869.52	719.78	149.74	5.807	
10,400.00	7,228.43	9,035.27	7,316.75	98.28	57.46	96.09	-1,525.04	1,892.29	868.50	713.09	155.41	5.589	
10,500.00	7,230.28	9,135.26	7,317.25	101.14	60.30	96.01	-1,524.88	1,992.28	867.49	706.39	161.10	5.385	
10,600.00	7,232.12	9,235.25	7,317.74	104.00	63.16	95.93	-1,524.72	2,092.27	866.48	699.67	166.82	5.194	
10,700.00	7,233.97	9,335.23	7,318.24	106.87	66.02	95.84	-1,524.56	2,192.25	865.48	692.93	172.54	5.016	
10,800.00	7,235.82	9,435.22	7,318.74	109.75	68.89	95.76	-1,524.40	2,292.24	864.47	686.18	178.29	4.849	
10,900.00	7,237.66	9,535.21	7,319.23	112.63	71.77	95.68	-1,524.24	2,392.22	863.47	679.42	184.05	4.692	
11,000.00	7,239.51	9,635.20	7,319.73	115.51	74.65	95.59	-1,524.08	2,492.21	862.47	672.65	189.82	4.544	
11,100.00	7,241.36	9,735.18	7,320.23	118.40	77.54	95.51	-1,523.92	2,592.19	861.47	665.87	195.60	4.404	
11,200.00	7,243.21	9,835.17	7,320.73	121.29	80.44	95.43	-1,523.76	2,692.18	860.47	659.08	201.39	4.273	
11,300.00	7,245.05	9,935.16	7,321.22	124.19	83.34	95.34	-1,523.60	2,792.17	859.47	652.29	207.19	4.148	
11,400.00	7,246.90	10,035.14	7,321.72	127.09	86.24	95.26	-1,523.44	2,892.15	858.48	645.48	213.00	4.030	
11,500.00	7,248.75	10,135.13	7,322.22	129.99	89.15	95.17	-1,523.28	2,992.14	857.49	638.68	218.81	3.919	
11,600.00	7,250.59	10,235.12	7,322.71	132.89	92.06	95.09	-1,523.12	3,092.12	856.50	631.86	224.64	3.813	
11,700.00	7,252.44	10,335.11	7,323.21	135.80	94.98	95.00	-1,522.96	3,192.11	855.51	625.04	230.47	3.712	
11,800.00	7,254.29	10,435.09	7,323.71	138.71	97.89	94.92	-1,522.80	3,292.09	854.52	618.22	236.30	3.616	
11,900.00	7,256.13	10,535.08	7,324.21	141.62	100.81	94.83	-1,522.64	3,392.08	853.54	611.39	242.15	3.525	
12,000.00	7,257.98	10,635.07	7,324.70	144.54	103.74	94.75	-1,522.48	3,492.07	852.55	604.56	247.99	3.438	
12,100.00	7,259.83	10,735.05	7,325.20	147.45	106.66	94.66	-1,522.32	3,592.05	851.57	597.73	253.85	3.355	
12,200.00	7,261.67	10,835.04	7,325.70	150.37	109.59	94.58	-1,522.17	3,692.04	850.59	590.89	259.70	3.275	
12,300.00	7,263.52	10,935.03	7,326.20	153.29	112.52	94.49	-1,522.01	3,792.02	849.62	584.05	265.57	3.199	
12,400.00	7,265.37	11,035.02	7,326.69	156.21	115.45	94.41	-1,521.85	3,892.01	848.64	577.21	271.43	3.127	
12,500.00	7,267.22	11,135.00	7,327.19	159.13	118.38	94.32	-1,521.69	3,991.99	847.67	570.37	277.30	3.057	
12,600.00	7,269.06	11,234.99	7,327.69	162.06	121.31	94.23	-1,521.53	4,091.98	846.70	563.52	283.18	2.990	
12,700.00	7,270.91	11,334.98	7,328.18	164.98	124.25	94.15	-1,521.37	4,191.97	845.73	556.67	289.05	2.926	
12,800.00	7,272.76	11,434.96	7,328.68	167.91	127.18	94.06	-1,521.21	4,291.95	844.76	549.83	294.94	2.864	
12,900.00	7,274.60	11,534.95	7,329.18	170.84	130.12	93.97	-1,521.05	4,391.94	843.79	542.98	300.82	2.805	
13,000.00	7,276.45	11,634.94	7,329.68	173.77	133.06	93.88	-1,520.89	4,491.92	842.83	536.13	306.71	2.748	
13,100.00	7,278.30	11,734.92	7,330.17	176.70	136.00	93.80	-1,520.73	4,591.91	841.87	529.27	312.60	2.693	
13,200.00	7,280.14	11,834.91	7,330.67	179.63	138.94	93.71	-1,520.57	4,691.89	840.91	522.42	318.49	2.640	
13,300.00	7,281.99	11,934.90	7,331.17	182.57	141.88	93.62	-1,520.41	4,791.88	839.95	515.57	324.38	2.589	
13,400.00	7,283.84	12,034.89	7,331.66	185.50	144.82	93.53	-1,520.25	4,891.87	839.00	508.72	330.28	2.540	
13,500.00	7,285.69	12,134.87	7,332.16	188.44	147.77	93.44	-1,520.09	4,991.85	838.04	501.87	336.18	2.493	
13,600.00	7,287.53	12,234.86	7,332.66	191.37	150.71	93.36	-1,519.93	5,091.84	837.09	495.01	342.08	2.447	
13,700.00	7,289.38	12,334.85	7,333.16	194.31	153.66	93.27	-1,519.77	5,191.82	836.14	488.16	347.98	2.403	
13,776.49	7,290.79	12,411.33	7,333.54	196.55	155.91	93.21	-1,519.65	5,268.30	835.78	483.29	352.49	2.371 CC	
13,800.00	7,291.23	12,434.84	7,333.65	197.24	156.60	93.19	-1,519.61	5,291.81	836.21	482.33	353.87	2.363	
13,900.00	7,293.07	12,534.83	7,334.15	200.17	159.55	93.09	-1,519.45	5,391.80	836.50	476.72	359.78	2.325	
14,000.00	7,294.92	12,634.82	7,334.65	20303									

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L2 - 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	
14,100.00	7,296.77	12,734.81	7,335.14	206.04	165.44	92.91	-1,519.13	5,591.78	837.09	465.50	371.59	2.253	
14,200.00	7,298.61	12,834.80	7,335.64	208.98	168.39	92.81	-1,518.97	5,691.77	837.39	459.89	377.50	2.218	
14,300.00	7,300.46	12,934.79	7,336.14	211.92	171.34	92.72	-1,518.81	5,791.76	837.69	454.29	383.41	2.185	
14,400.00	7,302.31	13,034.78	7,336.64	214.86	174.28	92.63	-1,518.65	5,891.75	838.00	448.68	389.32	2.152	
14,500.00	7,304.15	13,134.77	7,337.13	217.80	177.23	92.53	-1,518.49	5,991.73	838.30	443.08	395.23	2.121	
14,600.00	7,306.00	13,234.76	7,337.63	220.74	180.18	92.44	-1,518.33	6,091.72	838.61	437.47	401.14	2.091	
14,700.00	7,307.85	13,334.75	7,338.13	223.68	183.13	92.35	-1,518.17	6,191.71	838.92	431.87	407.05	2.061	
14,800.00	7,309.70	13,434.74	7,338.62	226.62	186.08	92.25	-1,518.02	6,291.70	839.23	426.27	412.96	2.032	
14,900.00	7,311.54	13,534.73	7,339.12	229.56	189.03	92.16	-1,517.86	6,391.69	839.55	420.67	418.88	2.004	
15,000.00	7,313.39	13,634.72	7,339.62	232.50	191.99	92.07	-1,517.70	6,491.68	839.87	415.08	424.79	1.977	
15,100.00	7,315.24	13,734.71	7,340.12	235.44	194.94	91.97	-1,517.54	6,591.67	840.19	409.48	430.70	1.951	
15,200.00	7,317.08	13,834.70	7,340.61	238.39	197.89	91.88	-1,517.38	6,691.66	840.51	403.89	436.62	1.925	
15,300.00	7,318.93	13,934.69	7,341.11	241.33	200.84	91.79	-1,517.22	6,791.65	840.83	398.30	442.53	1.900	
15,400.00	7,320.78	14,034.68	7,341.61	244.27	203.79	91.70	-1,517.06	6,891.63	841.16	392.71	448.45	1.876	
15,500.00	7,322.62	14,134.67	7,342.11	247.22	206.75	91.60	-1,516.90	6,991.62	841.49	387.12	454.36	1.852	
15,600.00	7,324.47	14,234.66	7,342.60	250.16	209.70	91.51	-1,516.74	7,091.61	841.82	381.54	460.28	1.829	
15,700.00	7,326.32	14,334.65	7,343.10	253.11	212.65	91.42	-1,516.58	7,191.60	842.15	375.96	466.19	1.806	
15,800.00	7,328.16	14,434.64	7,343.60	256.05	215.61	91.33	-1,516.42	7,291.59	842.48	370.38	472.11	1.785	
15,900.00	7,330.01	14,534.63	7,344.09	259.00	218.56	91.23	-1,516.26	7,391.58	842.82	364.80	478.02	1.763	
16,000.00	7,331.86	14,634.62	7,344.59	261.94	221.51	91.14	-1,516.10	7,491.57	843.16	359.22	483.94	1.742	
16,100.00	7,333.70	14,734.61	7,345.09	264.89	224.47	91.05	-1,515.94	7,591.56	843.50	353.65	489.85	1.722	
16,200.00	7,335.55	14,834.60	7,345.59	267.84	227.42	90.96	-1,515.78	7,691.54	843.85	348.08	495.76	1.702	
16,300.00	7,337.40	14,934.59	7,346.08	270.78	230.38	90.86	-1,515.62	7,791.53	844.19	342.51	501.68	1.683	
16,400.00	7,339.25	15,034.58	7,346.58	273.73	233.33	90.77	-1,515.46	7,891.52	844.54	336.95	507.59	1.664	
16,500.00	7,341.09	15,134.57	7,347.08	276.68	236.29	90.68	-1,515.30	7,991.51	844.89	331.39	513.50	1.645	
16,600.00	7,342.94	15,234.56	7,347.57	279.62	239.24	90.59	-1,515.14	8,091.50	845.24	325.83	519.41	1.627	
16,700.00	7,344.79	15,334.55	7,348.07	282.57	242.20	90.50	-1,514.98	8,191.49	845.60	320.27	525.33	1.610	
16,800.00	7,346.63	15,434.54	7,348.57	285.52	245.15	90.41	-1,514.82	8,291.48	845.95	314.72	531.24	1.592	
16,900.00	7,348.48	15,534.53	7,349.07	288.47	248.11	90.31	-1,514.66	8,391.47	846.31	309.17	537.15	1.576	
17,000.00	7,350.33	15,634.52	7,349.56	291.42	251.06	90.22	-1,514.50	8,491.46	846.67	303.62	543.06	1.559	
17,100.00	7,352.17	15,734.51	7,350.06	294.37	254.02	90.13	-1,514.34	8,591.44	847.04	298.07	548.96	1.543	
17,200.00	7,354.02	15,834.50	7,350.56	297.32	256.98	90.04	-1,514.18	8,691.43	847.40	292.53	554.87	1.527	
17,300.00	7,355.87	15,934.50	7,351.05	300.27	259.93	89.95	-1,514.02	8,791.42	847.77	286.99	560.78	1.512	
17,400.00	7,357.71	16,034.49	7,351.55	303.22	262.89	89.86	-1,513.87	8,891.41	848.14	281.46	566.68	1.497 Level 3	
17,500.00	7,359.56	16,134.48	7,352.05	306.17	265.85	89.77	-1,513.71	8,991.40	848.51	275.92	572.59	1.482 Level 3	
17,600.00	7,361.41	16,234.47	7,352.55	309.12	268.80	89.68	-1,513.55	9,091.39	848.88	270.39	578.49	1.467 Level 3	
17,686.20	7,363.00	16,320.65	7,352.98	311.66	271.35	89.60	-1,513.41	9,177.57	849.21	265.63	583.58	1.455 Level 3, ES, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-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	
0.00	0.00	1.00	-1.00	3.28	3.28	-180.00	-20.03	0.00	20.03					
100.00	100.00	101.00	99.00	3.28	3.28	-180.00	-20.03	0.00	20.03	12.51	7.53	2.661		
200.00	200.00	201.00	199.00	3.30	3.30	-180.00	-20.03	0.00	20.03	12.46	7.57	2.647		
280.07	280.07	278.98	278.98	3.33	3.33	-69.12	-20.10	-0.13	19.90	12.27	7.63	2.607 CC		
300.00	300.00	298.84	298.84	3.34	3.34	-68.10	-20.23	-0.37	20.07	12.42	7.65	2.623		
400.00	399.93	398.51	398.44	3.40	3.40	-68.67	-21.86	-3.39	20.39	12.63	7.76	2.627		
500.00	499.68	498.18	497.87	3.49	3.48	-69.65	-25.13	-9.46	21.07	13.15	7.92	2.660		
600.00	599.13	597.84	596.99	3.59	3.59	-70.98	-30.03	-18.57	22.10	13.96	8.13	2.717		
700.00	698.15	697.50	695.68	3.74	3.73	-72.53	-36.57	-30.71	23.49	15.08	8.41	2.793		
800.00	796.63	797.15	793.83	3.92	3.91	-74.21	-44.73	-45.87	25.25	16.48	8.76	2.881		
900.00	894.44	896.80	891.32	4.15	4.14	-75.92	-54.50	-64.02	27.38	18.17	9.21	2.974		
1,000.00	991.48	996.44	988.02	4.44	4.42	-77.43	-65.87	-85.14	29.91	20.16	9.76	3.066		
1,100.00	1,088.28	1,103.78	1,084.10	4.76	4.79	-75.61	-78.62	-108.82	33.20	22.79	10.40	3.191		
1,200.00	1,185.07	1,203.85	1,180.24	5.12	5.16	-73.58	-91.56	-132.85	36.65	25.57	11.08	3.308		
1,300.00	1,281.86	1,303.92	1,276.37	5.50	5.57	-71.90	-104.50	-156.88	40.14	28.34	11.80	3.402		
1,400.00	1,378.66	1,403.99	1,372.50	5.89	5.99	-70.49	-117.44	-180.91	43.65	31.11	12.54	3.480		
1,500.00	1,475.45	1,504.05	1,468.64	6.31	6.44	-69.29	-130.38	-204.94	47.19	33.87	13.32	3.544		
1,600.00	1,572.24	1,604.12	1,564.77	6.73	6.89	-68.26	-143.32	-228.98	50.75	36.64	14.11	3.596		
1,700.00	1,669.03	1,695.81	1,660.90	7.17	7.32	-67.37	-156.26	-253.01	54.32	39.44	14.89	3.649		
1,800.00	1,765.83	1,804.25	1,757.04	7.42	7.61	-66.58	-169.20	-277.04	57.91	42.94	14.96	3.870		
1,900.00	1,862.62	1,904.32	1,853.17	7.49	7.69	-65.89	-182.14	-301.07	61.50	46.43	15.07	4.081		
2,000.00	1,959.41	2,004.39	1,949.30	7.59	7.81	-65.27	-195.08	-325.10	65.10	49.86	15.24	4.272		
2,100.00	2,056.21	2,104.46	2,045.44	7.73	7.96	-64.72	-208.02	-349.13	68.71	53.24	15.47	4.441		
2,200.00	2,153.00	2,204.52	2,141.57	7.90	8.15	-64.22	-220.96	-373.16	72.32	56.56	15.76	4.589		
2,300.00	2,249.79	2,304.59	2,237.70	8.10	8.37	-63.77	-233.90	-397.20	75.94	59.84	16.10	4.716		
2,400.00	2,346.58	2,404.66	2,333.84	8.32	8.62	-63.36	-246.84	-421.23	79.56	63.07	16.49	4.824		
2,500.00	2,443.38	2,504.72	2,429.97	8.56	8.89	-62.99	-259.78	-445.26	83.19	66.26	16.93	4.913		
2,600.00	2,540.17	2,604.79	2,526.11	8.83	9.18	-62.65	-272.72	-469.29	86.82	69.41	17.41	4.986		
2,700.00	2,636.96	2,695.14	2,622.24	9.12	9.47	-62.33	-285.66	-493.32	90.45	72.55	17.90	5.053		
2,800.00	2,733.76	2,804.93	2,718.37	9.43	9.84	-62.04	-298.60	-517.35	94.08	75.61	18.48	5.092		
2,900.00	2,830.55	2,904.99	2,814.51	9.75	10.19	-61.78	-311.54	-541.38	97.72	78.66	19.06	5.127		
3,000.00	2,927.34	3,005.06	2,910.64	10.09	10.56	-61.53	-324.48	-565.42	101.36	81.69	19.67	5.153		
3,100.00	3,024.13	3,105.13	3,006.77	10.44	10.95	-61.29	-337.42	-589.45	105.00	84.70	20.31	5.171		
3,200.00	3,120.93	3,205.19	3,102.91	10.81	11.34	-61.08	-350.36	-613.48	108.64	87.68	20.96	5.182		
3,300.00	3,217.72	3,305.26	3,199.04	11.18	11.75	-60.88	-363.30	-637.51	112.29	90.65	21.64	5.188		
3,400.00	3,314.51	3,405.33	3,295.17	11.57	12.17	-60.69	-376.24	-661.54	115.93	93.59	22.34	5.190		
3,500.00	3,411.31	3,505.40	3,391.31	11.96	12.60	-60.51	-389.18	-685.57	119.58	96.53	23.05	5.187		
3,600.00	3,508.10	3,605.46	3,487.44	12.36	13.03	-60.34	-402.11	-709.60	123.23	99.45	23.78	5.181		
3,700.00	3,604.89	3,705.53	3,583.57	12.77	13.48	-60.18	-415.05	-733.64	126.88	102.35	24.53	5.173		
3,800.00	3,701.69	3,805.60	3,679.71	13.19	13.93	-60.03	-427.99	-757.67	130.53	105.25	25.28	5.163		
3,900.00	3,798.48	3,905.67	3,775.84	13.61	14.38	-59.89	-440.93	-781.70	134.18	108.13	26.05	5.151		
4,000.00	3,895.27	4,005.73	3,871.97	14.04	14.85	-59.76	-453.87	-805.73	137.83	111.00	26.82	5.138		
4,100.00	3,992.06	4,105.80	3,968.11	14.47	15.31	-59.63	-466.81	-829.76	141.48	113.87	27.61	5.124		
4,200.00	4,088.86	4,205.87	4,064.24	14.91	15.78	-59.51	-479.75	-853.79	145.13	116.73	28.40	5.110		
4,300.00	4,185.65	4,294.07	4,160.37	15.35	16.20	-59.40	-492.69	-877.82	148.78	119.63	29.16	5.103		
4,400.00	4,282.44	4,406.00	4,256.51	15.80	16.74	-59.29	-505.63	-901.86	152.44	122.42	30.02	5.079		
4,500.00	4,379.24	4,493.93	4,352.64	16.25	17.17	-59.19	-518.57	-925.89	156.09	125.31	30.78	5.071		
4,600.00	4,476.03	4,606.14	4,448.77	16.70	17.71	-59.09	-531.51	-949.92	159.75	128.09	31.65	5.047		
4,700.00	4,572.82	4,706.20	4,544.91	17.16	18.20	-58.99	-544.45	-973.95	163.40	130.92	32.48	5.031		
4,800.00	4,669.61	4,793.73	4,641.04	17.62	18.63	-58.90	-557.39	-997.98	167.06	133.80	33.26	5.023		
4,900.00	4,766.41	4,906.34	4,737.17	18.08	19.19	-58.81	-570.33	-1,022.01	170.71	136.56	34.15	4.999		
5,000.00	4,863.20	5,006.40	4,833.31	18.54	19.69	-58.73	-583.27	-1,046.04	174.37	139.38	34.99	4.983		
5,100.00	4,959.99	5,106.47	4,929.44	19.01	20.19	-58.65	-596.21	-1,070.08	178.03	142.19	35.84	4.968		
5,200.00	5,056.79	5,206.54	5,025.57	19.47	20.69	-58.58	-609.15	-1,094.11	181.68	145.00	36.69	4.952		
5,300.00	5,153.58	5,306.61	5,121.71	19.94	21.19	-58.50	-622.09	-1,118.14	185.34	147.80	37.54	4.937		
5,400.00	5,250.37	5,406.67	5,217.84	20.41	21.70	-58.43	-635.03	-1,142.17	189.00	150.60	38.39	4.922		
5,500.00	5,347.16	5,506.74	5,313.97	20.89	22.20	-58.36	-647.97	-1,166.20	192.66	153.40	39.25	4.908		
5,600.00	5,443.96	5,593.19	5,410.11	21.36	22.64	-58.30	-660.91	-1,190.23	196.31	156.26	40.05	4.901		
5,700.00	5,540.75	5,706.87	5,506.24	21.84	23.22	-58.24	-673.85	-1,214.26	199.97	158.99	40.98	4.880		
5,800.00	5,637.54	5,793.06	5,602.37	22.31	23.66	-58.18	-686.79	-1,238.30	203.63	161.85	41.78	4.873		
5,900.00	5,734.34	5,892.99	5,698.51	22.79	24.17	-58.12	-699.73	-1,262.33	207.29	164.64	42.65	4.860		
6,000.00	5,831.13	6,007.08	5,794.64	23.27	24.76	-58.06	-712.66	-1,286.36	210.95	167.36	43.59	4.840		
6,100.00	5,927.92	6,107.14	5,890.77	23.75	25.27	-58.01	-725.60	-1,310.39	214.61	170.15	44.46	4.827		
6,200.00	6,024.71	6,207.21	5,986.91	24.23	25.79	-57.95	-738.54	-1,334.42	218.27	172.93	45.34	4.815		
6,300.00	6,121.51	6,307.28	6,083.04	24.72	26.31	-57.90	-751.48	-1,358.45	221.93	175.71	46.21	4.802		
6,400.00	6,218.30	6,392.66	6,179.17	25.20	26.75	-57.85	-764.42	-1,382.48	225.59	178.56	47.02	4.797		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,315.09	6,496.50	6,279.95	25.68	27.11	-58.88	-777.98	-1,403.19	228.63	180.55	48.08	4.755	
6,600.00	6,411.92	6,598.42	6,380.74	26.15	27.26	-61.66	-791.53	-1,407.84	230.34	180.46	49.88	4.617	
6,700.00	6,510.45	6,695.54	6,476.32	26.34	27.34	-32.20	-804.37	-1,397.13	233.80	182.40	51.40	4.549	
6,800.00	6,609.83	6,789.30	6,566.03	26.45	27.38	37.21	-816.41	-1,373.00	239.57	187.29	52.27	4.583	
6,900.00	6,707.64	6,880.16	6,648.71	26.51	27.44	55.04	-827.49	-1,337.19	247.09	194.54	52.54	4.703	
7,000.00	6,801.46	6,968.56	6,723.51	26.57	27.53	57.75	-837.51	-1,291.31	255.68	203.35	52.33	4.886	
7,100.00	6,888.97	7,054.88	6,789.80	26.67	27.68	57.17	-846.38	-1,236.83	264.66	212.85	51.81	5.108	
7,200.00	6,968.03	7,139.49	6,847.11	26.85	27.93	55.74	-854.03	-1,175.14	273.38	222.18	51.20	5.339	
7,300.00	7,036.68	7,222.72	6,895.09	27.18	28.30	54.22	-860.42	-1,107.51	281.31	230.59	50.71	5.547	
7,400.00	7,093.25	7,304.86	6,933.48	27.71	28.80	52.88	-865.53	-1,035.14	287.98	237.46	50.52	5.700	
7,500.00	7,136.32	7,386.19	6,962.09	28.47	29.46	51.84	-869.31	-959.16	293.05	242.26	50.79	5.770	
7,600.00	7,164.85	7,466.95	6,980.77	29.48	30.27	51.14	-871.76	-880.68	296.28	244.68	51.59	5.743	
7,700.00	7,178.13	7,547.40	6,989.45	30.71	31.21	50.82	-872.86	-800.76	297.50	244.54	52.96	5.618	
7,800.00	7,180.41	7,643.20	6,991.48	32.13	32.54	50.75	-873.06	-704.98	297.15	241.84	55.31	5.372	
7,900.00	7,182.26	7,743.20	6,993.35	33.77	34.12	50.69	-873.23	-605.00	296.71	238.64	58.07	5.110	
8,000.00	7,184.10	7,843.20	6,995.23	35.60	35.90	50.63	-873.40	-505.02	296.27	235.21	61.06	4.852	
8,100.00	7,185.95	7,943.20	6,997.11	37.58	37.85	50.57	-873.57	-405.04	295.83	231.58	64.25	4.604	
8,200.00	7,187.80	8,043.20	6,998.98	39.69	39.93	50.51	-873.74	-305.06	295.40	227.78	67.62	4.369	
8,300.00	7,189.64	8,143.19	7,000.86	41.91	42.13	50.44	-873.92	-205.08	294.96	223.84	71.12	4.147	
8,400.00	7,191.49	8,243.19	7,002.74	44.22	44.43	50.38	-874.09	-105.10	294.53	219.77	74.75	3.940	
8,500.00	7,193.34	8,343.19	7,004.61	46.61	46.81	50.32	-874.26	-5.12	294.09	215.60	78.49	3.747	
8,600.00	7,195.18	8,443.19	7,006.49	49.07	49.25	50.26	-874.43	94.86	293.65	211.34	82.31	3.568	
8,700.00	7,197.03	8,543.19	7,008.37	51.58	51.76	50.19	-874.61	194.84	293.22	207.01	86.21	3.401	
8,800.00	7,198.88	8,643.19	7,010.24	54.14	54.31	50.13	-874.78	294.82	292.78	202.61	90.17	3.247	
8,900.00	7,200.73	8,743.19	7,012.12	56.74	56.90	50.07	-874.95	394.80	292.35	198.16	94.19	3.104	
9,000.00	7,202.57	8,843.18	7,014.00	59.37	59.53	50.00	-875.12	494.79	291.92	193.66	98.25	2.971	
9,100.00	7,204.42	8,943.18	7,015.87	62.04	62.19	49.94	-875.30	594.77	291.48	189.13	102.36	2.848	
9,200.00	7,206.27	9,043.18	7,017.75	64.73	64.88	49.87	-875.47	694.75	291.05	184.55	106.50	2.733	
9,300.00	7,208.11	9,143.18	7,019.63	67.44	67.60	49.81	-875.64	794.73	290.62	179.95	110.66	2.626	
9,400.00	7,209.96	9,243.18	7,021.51	70.18	70.33	49.75	-875.81	894.71	290.18	175.33	114.86	2.526	
9,500.00	7,211.81	9,343.18	7,023.38	72.93	73.08	49.68	-875.98	994.69	289.75	170.68	119.07	2.433	
9,600.00	7,213.65	9,443.18	7,025.26	75.70	75.85	49.62	-876.16	1,094.67	289.32	166.01	123.31	2.346	
9,700.00	7,215.50	9,543.17	7,027.14	78.49	78.63	49.55	-876.33	1,194.65	288.89	161.33	127.56	2.265	
9,800.00	7,217.35	9,643.17	7,029.01	81.29	81.43	49.49	-876.50	1,294.63	288.46	156.64	131.82	2.188	
9,900.00	7,219.20	9,743.17	7,030.89	84.09	84.23	49.42	-876.67	1,394.61	288.03	151.93	136.10	2.116	
10,000.00	7,221.04	9,843.17	7,032.77	86.91	87.05	49.36	-876.85	1,494.59	287.60	147.22	140.38	2.049	
10,100.00	7,222.89	9,943.17	7,034.64	89.74	89.88	49.29	-877.02	1,594.57	287.17	142.50	144.67	1.985	
10,200.00	7,224.74	10,043.17	7,036.52	92.58	92.71	49.22	-877.19	1,694.55	286.74	137.77	148.97	1.925	
10,300.00	7,226.58	10,143.17	7,038.40	95.43	95.56	49.16	-877.36	1,794.54	286.31	133.04	153.27	1.868	
10,400.00	7,228.43	10,243.16	7,040.27	98.28	98.41	49.09	-877.54	1,894.52	285.88	128.30	157.58	1.814	
10,500.00	7,230.28	10,343.16	7,042.15	101.14	101.27	49.02	-877.71	1,994.50	285.45	123.56	161.89	1.763	
10,600.00	7,232.12	10,443.16	7,044.03	104.00	104.13	48.96	-877.88	2,094.48	285.02	118.82	166.20	1.715	
10,700.00	7,233.97	10,543.16	7,045.90	106.87	107.00	48.89	-878.05	2,194.46	284.60	114.08	170.51	1.669	
10,800.00	7,235.82	10,643.16	7,047.78	109.75	109.87	48.82	-878.22	2,294.44	284.17	109.35	174.82	1.625	
10,900.00	7,237.66	10,743.16	7,049.66	112.63	112.75	48.76	-878.40	2,394.42	283.74	104.61	179.14	1.584	
11,000.00	7,239.51	10,843.16	7,051.53	115.51	115.63	48.69	-878.57	2,494.40	283.32	99.87	183.45	1.544	
11,100.00	7,241.36	10,943.15	7,053.41	118.40	118.52	48.62	-878.74	2,594.38	282.89	95.14	187.75	1.507	
11,200.00	7,243.21	11,043.15	7,055.29	121.29	121.41	48.55	-878.91	2,694.36	282.46	90.40	192.06	1.471 Level 3	
11,300.00	7,245.05	11,143.15	7,057.17	124.19	124.30	48.48	-879.09	2,794.34	282.04	85.68	196.36	1.436 Level 3	
11,400.00	7,246.90	11,243.15	7,059.04	127.09	127.20	48.42	-879.26	2,894.32	281.61	80.95	200.66	1.403 Level 3	
11,500.00	7,248.75	11,343.15	7,060.92	129.99	130.10	48.35	-879.43	2,994.30	281.19	76.23	204.96	1.372 Level 3	
11,600.00	7,250.59	11,443.15	7,062.80	132.89	133.00	48.28	-879.60	3,094.29	280.77	71.52	209.25	1.342 Level 3	
11,700.00	7,252.44	11,543.14	7,064.67	135.80	135.91	48.21	-879.78	3,194.27	280.34	66.80	213.54	1.313 Level 3	
11,800.00	7,254.29	11,643.14	7,066.55	138.71	138.82	48.14	-879.95	3,294.25	279.92	62.10	217.82	1.285 Level 3	
11,900.00	7,256.13	11,743.14	7,068.43	141.62	141.73	48.07	-880.12	3,394.23	279.50	57.40	222.10	1.258 Level 3	
12,000.00	7,257.98	11,843.14	7,070.30	144.54	144.64	48.00	-880.29	3,494.21	279.07	52.70	226.37	1.233 Level 2	
12,100.00	7,259.83	11,943.14	7,072.18	147.45	147.55	47.93	-880.46	3,594.19	278.65	48.02	230.64	1.208 Level 2	
12,200.00	7,261.67	12,043.14	7,074.06	150.37	150.47	47.86	-880.64	3,694.17	278.23	43.33	234.90	1.184 Level 2	
12,300.00	7,263.52	12,143.14	7,075.93	153.29	153.39	47.79	-880.81	3,794.15	277.81	38.66	239.15	1.162 Level 2	
12,400.00	7,265.37	12,243.13	7,077.81	156.21	156.31	47.72	-880.98	3,894.13	277.39	33.99	243.40	1.140 Level 2	
12,500.00	7,267.22	12,343.13	7,079.69	159.13	159.23	47.65	-881.15	3,994.11	276.97	29.33	247.64	1.118 Level 2	
12,600.00	7,269.06	12,443.13	7,081.56	162.06	162.15	47.58	-881.33	4,094.09	276.55	24.68	251.87	1.098 Level 2	
12,700.00	7,270.91	12,543.13	7,083.44	164.98	165.08	47.51	-881.50	4,194.07	276.13	20.03	256.10	1.078 Level 2	
12,800.00	7,272.76	12,643.13	7,085.32	167.91	168.00	47.44	-881.67	4,294.05	275.71	15.39	260.32	1.059 Level 2	
12,900.00	7,274.60	12,743.13	7,087.20	170.84	170.93	47.36	-881.84	4,394.04	275.29	10.76	264.53	1.041 Level 2	
13,000.00	7,276.45	12,843.13	7,089.07	173.77	173.86	47.29	-882.02	4,494.02	274.87	6.14	268.74	1.023 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-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
13,100.00	7,278.30	12,943.12	7,090.95	176.70	176.79	47.22	-882.19	4,594.00	274.46	1.52	272.93	1.006	Level 2
13,200.00	7,280.14	13,043.12	7,092.83	179.63	179.72	47.15	-882.36	4,693.98	274.04	-3.08	277.12	0.989	Level 1
13,300.00	7,281.99	13,143.12	7,094.70	182.57	182.65	47.08	-882.53	4,793.96	273.62	-7.68	281.30	0.973	Level 1
13,400.00	7,283.84	13,243.12	7,096.58	185.50	185.58	47.00	-882.70	4,893.94	273.21	-12.27	285.47	0.957	Level 1
13,500.00	7,285.69	13,343.12	7,098.46	188.44	188.52	46.93	-882.88	4,993.92	272.79	-16.85	289.64	0.942	Level 1
13,600.00	7,287.53	13,443.12	7,100.33	191.37	191.45	46.86	-883.05	5,093.90	272.38	-21.42	293.79	0.927	Level 1
13,700.00	7,289.38	13,543.12	7,102.21	194.31	194.39	46.78	-883.22	5,193.88	271.96	-25.98	297.94	0.913	Level 1
13,745.89	7,290.23	13,589.01	7,103.07	195.65	195.74	46.78	-883.30	5,239.77	271.87	-28.05	299.91	0.906	Level 1
13,800.00	7,291.23	13,643.11	7,104.09	197.24	197.32	46.87	-883.39	5,293.86	272.28	-30.37	302.66	0.900	Level 1
13,900.00	7,293.07	13,743.11	7,105.96	200.17	200.26	46.97	-883.57	5,393.84	272.77	-34.75	307.52	0.887	Level 1
14,000.00	7,294.92	13,843.11	7,107.84	203.11	203.20	47.08	-883.74	5,493.82	273.26	-39.14	312.40	0.875	Level 1
14,100.00	7,296.77	13,943.11	7,109.72	206.04	206.14	47.18	-883.91	5,593.80	273.76	-43.53	317.29	0.863	Level 1
14,200.00	7,298.61	14,043.10	7,111.59	208.98	209.08	47.29	-884.08	5,693.78	274.25	-47.94	322.19	0.851	Level 1
14,300.00	7,300.46	14,143.10	7,113.47	211.92	212.02	47.39	-884.26	5,793.76	274.74	-52.36	327.11	0.840	Level 1
14,400.00	7,302.31	14,243.10	7,115.35	214.86	214.96	47.49	-884.43	5,893.74	275.24	-56.79	332.03	0.829	Level 1
14,500.00	7,304.15	14,343.10	7,117.23	217.80	217.90	47.60	-884.60	5,993.72	275.73	-61.23	336.97	0.818	Level 1
14,600.00	7,306.00	14,443.09	7,119.10	220.74	220.84	47.70	-884.77	6,093.70	276.23	-65.68	341.91	0.808	Level 1
14,700.00	7,307.85	14,543.09	7,120.98	223.68	223.78	47.80	-884.94	6,193.68	276.73	-70.15	346.87	0.798	Level 1
14,800.00	7,309.70	14,643.09	7,122.86	226.62	226.72	47.90	-885.12	6,293.66	277.23	-74.62	351.84	0.788	Level 1
14,900.00	7,311.54	14,743.09	7,124.73	229.56	229.67	48.00	-885.29	6,393.64	277.72	-79.10	356.82	0.778	Level 1
15,000.00	7,313.39	14,843.08	7,126.61	232.50	232.61	48.11	-885.46	6,493.62	278.22	-83.59	361.81	0.769	Level 1
15,100.00	7,315.24	14,943.08	7,128.49	235.44	235.56	48.21	-885.63	6,593.60	278.73	-88.09	366.81	0.760	Level 1
15,200.00	7,317.08	15,043.08	7,130.36	238.39	238.50	48.31	-885.81	6,693.58	279.23	-92.60	371.82	0.751	Level 1
15,300.00	7,318.93	15,143.08	7,132.24	241.33	241.45	48.41	-885.98	6,793.56	279.73	-97.12	376.85	0.742	Level 1
15,400.00	7,320.78	15,243.07	7,134.12	244.27	244.39	48.51	-886.15	6,893.54	280.23	-101.65	381.88	0.734	Level 1
15,500.00	7,322.62	15,343.07	7,135.99	247.22	247.34	48.60	-886.32	6,993.52	280.74	-106.18	386.92	0.726	Level 1
15,600.00	7,324.47	15,443.07	7,137.87	250.16	250.28	48.70	-886.50	7,093.50	281.24	-110.73	391.97	0.718	Level 1
15,700.00	7,326.32	15,543.07	7,139.75	253.11	253.23	48.80	-886.67	7,193.48	281.75	-115.29	397.03	0.710	Level 1
15,800.00	7,328.16	15,643.06	7,141.62	256.05	256.18	48.90	-886.84	7,293.46	282.25	-119.85	402.11	0.702	Level 1
15,900.00	7,330.01	15,743.06	7,143.50	259.00	259.13	49.00	-887.01	7,393.44	282.76	-124.43	407.19	0.694	Level 1
16,000.00	7,331.86	15,843.06	7,145.38	261.94	262.07	49.09	-887.18	7,493.42	283.27	-129.01	412.28	0.687	Level 1
16,100.00	7,333.70	15,943.06	7,147.25	264.89	265.02	49.19	-887.36	7,593.40	283.78	-133.60	417.38	0.680	Level 1
16,200.00	7,335.55	16,043.06	7,149.13	267.84	267.97	49.29	-887.53	7,693.38	284.29	-138.20	422.49	0.673	Level 1
16,300.00	7,337.40	16,143.05	7,151.01	270.78	270.92	49.38	-887.70	7,793.36	284.80	-142.81	427.61	0.666	Level 1
16,400.00	7,339.25	16,243.05	7,152.89	273.73	273.87	49.48	-887.87	7,893.34	285.31	-147.43	432.74	0.659	Level 1
16,500.00	7,341.09	16,343.05	7,154.76	276.68	276.82	49.58	-888.05	7,993.32	285.82	-152.05	437.87	0.653	Level 1
16,600.00	7,342.94	16,443.05	7,156.64	279.62	279.77	49.67	-888.22	8,093.30	286.34	-156.68	443.02	0.646	Level 1
16,700.00	7,344.79	16,543.04	7,158.52	282.57	282.72	49.77	-888.39	8,193.28	286.85	-161.33	448.18	0.640	Level 1
16,800.00	7,346.63	16,643.04	7,160.39	285.52	285.67	49.86	-888.56	8,293.26	287.37	-165.98	453.34	0.634	Level 1
16,900.00	7,348.48	16,743.04	7,162.27	288.47	288.62	49.96	-888.74	8,393.24	287.88	-170.63	458.51	0.628	Level 1
17,000.00	7,350.33	16,843.04	7,164.15	291.42	291.57	50.05	-888.91	8,493.22	288.40	-175.30	463.70	0.622	Level 1
17,100.00	7,352.17	16,943.03	7,166.02	294.37	294.52	50.14	-889.08	8,593.20	288.91	-179.97	468.89	0.616	Level 1
17,200.00	7,354.02	17,043.03	7,167.90	297.32	297.47	50.24	-889.25	8,693.17	289.43	-184.65	474.09	0.611	Level 1
17,300.00	7,355.87	17,143.03	7,169.78	300.27	300.43	50.33	-889.42	8,793.15	289.95	-189.34	479.29	0.605	Level 1
17,400.00	7,357.71	17,243.03	7,171.65	303.22	303.38	50.42	-889.60	8,893.13	290.47	-194.04	484.51	0.600	Level 1
17,500.00	7,359.56	17,343.02	7,173.53	306.17	306.33	50.51	-889.77	8,993.11	290.99	-198.74	489.73	0.594	Level 1
17,600.00	7,361.41	17,443.02	7,175.41	309.12	309.28	50.61	-889.94	9,093.09	291.51	-203.45	494.96	0.589	Level 1
17,686.20	7,363.00	17,529.21	7,177.03	311.66	311.83	50.69	-890.09	9,179.27	291.96	-207.52	499.48	0.585	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - 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
7,600.00	7,164.85	6,750.00	6,735.48	29.48	15.02	47.37	-1,316.05	-44.09	1,175.71	1,136.13	39.58	29.705	
7,700.00	7,178.13	6,778.38	6,760.79	30.71	15.08	55.58	-1,315.96	-31.26	1,108.30	1,067.76	40.54	27.339	
7,800.00	7,180.41	6,800.00	6,779.68	32.13	15.12	58.50	-1,315.90	-20.74	1,040.57	998.76	41.82	24.883	
7,900.00	7,182.26	6,824.80	6,800.89	33.77	15.18	59.82	-1,315.82	-7.88	977.01	933.54	43.47	22.476	
8,000.00	7,184.10	6,850.00	6,821.91	35.60	15.24	61.16	-1,315.73	6.01	918.39	872.90	45.49	20.187	
8,100.00	7,185.95	6,884.13	6,849.46	37.58	15.35	62.97	-1,315.62	26.13	865.35	817.39	47.96	18.044	
8,200.00	7,187.80	6,920.14	6,877.33	39.69	15.47	64.86	-1,315.50	48.93	818.54	767.76	50.78	16.118	
8,300.00	7,189.64	6,961.32	6,907.56	41.91	15.64	66.98	-1,315.36	76.89	778.47	724.54	53.94	14.433	
8,400.00	7,191.49	7,008.45	6,939.85	44.22	15.89	69.31	-1,315.19	111.21	745.46	688.11	57.34	13.000	
8,500.00	7,193.34	7,062.27	6,973.50	46.61	16.25	71.81	-1,315.00	153.19	719.49	658.56	60.93	11.808	
8,600.00	7,195.18	7,123.37	7,007.25	49.07	16.77	74.38	-1,314.79	204.09	700.17	635.52	64.65	10.831	
8,700.00	7,197.03	7,191.96	7,039.13	51.58	17.50	76.85	-1,314.55	264.79	686.69	618.22	68.47	10.030	
8,800.00	7,198.88	7,267.64	7,066.51	54.14	18.52	78.98	-1,314.29	335.29	677.94	605.51	72.43	9.360	
8,900.00	7,200.73	7,349.12	7,086.41	56.74	19.83	80.51	-1,314.02	414.25	672.75	596.22	76.53	8.790	
9,000.00	7,202.57	7,434.20	7,096.25	59.37	21.40	81.20	-1,313.75	498.69	670.18	589.39	80.79	8.296	
9,100.00	7,204.42	7,529.97	7,097.60	62.04	23.35	81.15	-1,313.47	594.45	669.24	583.90	85.34	7.842	
9,200.00	7,206.27	7,629.96	7,098.45	64.73	25.55	81.05	-1,313.18	694.44	668.40	578.24	90.15	7.414	
9,300.00	7,208.11	7,729.95	7,099.31	67.44	27.90	80.96	-1,312.88	794.42	667.56	572.43	95.13	7.017	
9,400.00	7,209.96	7,829.94	7,100.16	70.18	30.35	80.86	-1,312.59	894.41	666.72	566.49	100.23	6.652	
9,500.00	7,211.81	7,929.93	7,101.02	72.93	32.89	80.76	-1,312.30	994.39	665.89	560.45	105.44	6.316	
9,600.00	7,213.65	8,029.92	7,101.87	75.70	35.49	80.66	-1,312.00	1,094.38	665.05	554.34	110.71	6.007	
9,700.00	7,215.50	8,129.91	7,102.73	78.49	38.15	80.56	-1,311.71	1,194.37	664.22	548.16	116.06	5.723	
9,800.00	7,217.35	8,229.90	7,103.58	81.29	40.84	80.46	-1,311.42	1,294.35	663.39	541.94	121.45	5.462	
9,900.00	7,219.20	8,329.89	7,104.43	84.09	43.58	80.37	-1,311.12	1,394.34	662.56	535.68	126.89	5.222	
10,000.00	7,221.04	8,429.88	7,105.29	86.91	46.34	80.27	-1,310.83	1,494.32	661.74	529.38	132.36	5.000	
10,100.00	7,222.89	8,529.87	7,106.14	89.74	49.12	80.17	-1,310.54	1,594.31	660.91	523.06	137.86	4.794	
10,200.00	7,224.74	8,629.86	7,107.00	92.58	51.92	80.07	-1,310.24	1,694.30	660.09	516.71	143.38	4.604	
10,300.00	7,226.58	8,729.85	7,107.85	95.43	54.75	79.97	-1,309.95	1,794.28	659.27	510.34	148.93	4.427	
10,400.00	7,228.43	8,829.84	7,108.71	98.28	57.58	79.87	-1,309.65	1,894.27	658.45	503.96	154.49	4.262	
10,500.00	7,230.28	8,929.83	7,109.56	101.14	60.43	79.77	-1,309.36	1,994.25	657.64	497.57	160.07	4.108	
10,600.00	7,232.12	9,029.82	7,110.42	104.00	63.28	79.67	-1,309.07	2,094.24	656.82	491.17	165.66	3.965	
10,700.00	7,233.97	9,129.81	7,111.27	106.87	66.15	79.56	-1,308.77	2,194.23	656.01	484.75	171.26	3.831	
10,800.00	7,235.82	9,229.80	7,112.13	109.75	69.03	79.46	-1,308.48	2,294.21	655.20	478.33	176.87	3.704	
10,900.00	7,237.66	9,329.79	7,112.98	112.63	71.91	79.36	-1,308.19	2,394.20	654.40	471.91	182.49	3.586	
11,000.00	7,239.51	9,429.78	7,113.84	115.51	74.80	79.26	-1,307.89	2,494.18	653.59	465.48	188.11	3.475	
11,100.00	7,241.36	9,529.77	7,114.69	118.40	77.69	79.16	-1,307.60	2,594.17	652.79	459.05	193.74	3.369	
11,200.00	7,243.21	9,629.76	7,115.55	121.29	80.59	79.06	-1,307.31	2,694.15	651.99	452.61	199.37	3.270	
11,300.00	7,245.05	9,729.75	7,116.40	124.19	83.49	78.95	-1,307.01	2,794.14	651.19	446.18	205.01	3.176	
11,400.00	7,246.90	9,829.74	7,117.26	127.09	86.40	78.85	-1,306.72	2,894.13	650.39	439.74	210.65	3.088	
11,500.00	7,248.75	9,929.73	7,118.11	129.99	89.31	78.75	-1,306.43	2,994.11	649.59	433.30	216.29	3.003	
11,600.00	7,250.59	10,029.72	7,118.97	132.89	92.22	78.64	-1,306.13	3,094.10	648.80	426.87	221.93	2.923	
11,700.00	7,252.44	10,129.71	7,119.82	135.80	95.14	78.54	-1,305.84	3,194.08	648.01	420.43	227.58	2.847	
11,800.00	7,254.29	10,229.70	7,120.67	138.71	98.06	78.44	-1,305.55	3,294.07	647.22	414.00	233.22	2.775	
11,900.00	7,256.13	10,329.69	7,121.53	141.62	100.98	78.33	-1,305.25	3,394.06	646.43	407.57	238.87	2.706	
12,000.00	7,257.98	10,429.68	7,122.38	144.54	103.91	78.23	-1,304.96	3,494.04	645.65	401.14	244.51	2.641	
12,100.00	7,259.83	10,529.67	7,123.24	147.45	106.83	78.12	-1,304.66	3,594.03	644.87	394.72	250.15	2.578	
12,200.00	7,261.67	10,629.66	7,124.09	150.37	109.76	78.02	-1,304.37	3,694.01	644.09	388.29	255.79	2.518	
12,300.00	7,263.52	10,729.65	7,124.95	153.29	112.69	77.91	-1,304.08	3,794.00	643.31	381.88	261.43	2.461	
12,400.00	7,265.37	10,829.64	7,125.80	156.21	115.62	77.81	-1,303.78	3,893.99	642.53	375.46	267.07	2.406	
12,500.00	7,267.22	10,929.63	7,126.66	159.13	118.56	77.70	-1,303.49	3,993.97	641.76	369.05	272.71	2.353	
12,600.00	7,269.06	11,029.62	7,127.51	162.06	121.49	77.60	-1,303.20	4,093.96	640.99	362.65	278.34	2.303	
12,700.00	7,270.91	11,129.61	7,128.37	164.98	124.43	77.49	-1,302.90	4,193.94	640.22	356.25	283.97	2.255	
12,800.00	7,272.76	11,229.60	7,129.22	167.91	127.37	77.39	-1,302.61	4,293.93	639.45	349.85	289.60	2.208	
12,900.00	7,274.60	11,329.59	7,130.08	170.84	130.30	77.28	-1,302.32	4,393.92	638.69	343.46	295.23	2.163	
13,000.00	7,276.45	11,429.58	7,130.93	173.77	133.24	77.17	-1,302.02	4,493.90	637.92	337.08	300.85	2.120	
13,100.00	7,278.30	11,529.57	7,131.79	176.70	136.18	77.06	-1,301.73	4,593.89	637.16	330.70	306.47	2.079	
13,200.00	7,280.14	11,629.57	7,132.64	179.63	139.13	76.96	-1,301.44	4,693.87	636.41	324.32	312.08	2.039	
13,300.00	7,281.99	11,729.56	7,133.50	182.57	142.07	76.85	-1,301.14	4,793.86	635.65	317.96	317.69	2.001	
13,400.00	7,283.84	11,829.55	7,134.35	185.50	145.01	76.74	-1,300.85	4,893.85	634.90	311.60	323.30	1.964	
13,500.00	7,285.69	11,929.54	7,135.21	188.44	147.95	76.63	-1,300.56	4,993.83	634.14	305.24	328.90	1.928	
13,600.00	7,287.53	12,029.53	7,136.06	191.37	150.90	76.53	-1,300.26	5,093.82	633.39	298.90	334.50	1.894	
13,700.00	7,289.38	12,129.52	7,136.92	194.31	153.84	76.42	-1,299.97	5,193.80	632.65	292.56	340.09	1.860	
13,761.78	7,290.52	12,208.71	7,137.44	196.12	156.18	76.36	-1,299.79	5,255.58	632.42	288.37	344.04	1.838 CC	
13,800.00	7,291.23	12,229.51	7,137.77	197.24	156.79	76.34	-1,299.68	5,293.79	632.89	287.19	345.70	1.831	
13,900.00	7,293.07	12,329.50	7,138.63	200.17	159.74	76.26	-1,299.38	5,393.78	633.35	282.03	351.31	1.803	
14,000.00	7,294.92	12,429.50	7,139.48	203.11	162.68								

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	7,296.77	12,529.49	7,140.33	206.04	165.63	76.10	-1,298.79	5,593.77	634.28	271.74	362.54	1.750	
14,200.00	7,298.61	12,629.49	7,141.19	208.98	168.58	76.01	-1,298.50	5,693.76	634.74	266.59	368.15	1.724	
14,300.00	7,300.46	12,729.48	7,142.04	211.92	171.53	75.93	-1,298.21	5,793.75	635.21	261.45	373.75	1.700	
14,400.00	7,302.31	12,829.48	7,142.90	214.86	174.48	75.85	-1,297.91	5,893.74	635.68	256.32	379.36	1.676	
14,500.00	7,304.15	12,929.47	7,143.75	217.80	177.43	75.77	-1,297.62	5,993.73	636.15	251.19	384.95	1.653	
14,600.00	7,306.00	13,029.47	7,144.61	220.74	180.38	75.69	-1,297.33	6,093.72	636.62	246.07	390.55	1.630	
14,700.00	7,307.85	13,129.46	7,145.46	223.68	183.33	75.61	-1,297.03	6,193.71	637.09	240.95	396.14	1.608	
14,800.00	7,309.70	13,229.46	7,146.32	226.62	186.28	75.53	-1,296.74	6,293.70	637.56	235.83	401.73	1.587	
14,900.00	7,311.54	13,329.45	7,147.17	229.56	189.23	75.45	-1,296.45	6,393.69	638.04	230.72	407.32	1.566	
15,000.00	7,313.39	13,429.45	7,148.03	232.50	192.18	75.36	-1,296.15	6,493.68	638.51	225.61	412.90	1.546	
15,100.00	7,315.24	13,529.44	7,148.88	235.44	195.13	75.28	-1,295.86	6,593.67	638.99	220.51	418.48	1.527	
15,200.00	7,317.08	13,629.44	7,149.74	238.39	198.08	75.20	-1,295.57	6,693.66	639.47	215.42	424.05	1.508	
15,300.00	7,318.93	13,729.43	7,150.59	241.33	201.04	75.12	-1,295.27	6,793.65	639.95	210.33	429.62	1.490	Level 3
15,400.00	7,320.78	13,829.43	7,151.45	244.27	203.99	75.04	-1,294.98	6,893.64	640.43	205.24	435.19	1.472	Level 3
15,500.00	7,322.62	13,929.42	7,152.30	247.22	206.94	74.96	-1,294.69	6,993.64	640.91	200.16	440.75	1.454	Level 3
15,600.00	7,324.47	14,029.42	7,153.16	250.16	209.89	74.88	-1,294.39	7,093.63	641.39	195.08	446.31	1.437	Level 3
15,700.00	7,326.32	14,129.41	7,154.01	253.11	212.85	74.80	-1,294.10	7,193.62	641.88	190.01	451.87	1.421	Level 3
15,800.00	7,328.16	14,229.41	7,154.87	256.05	215.80	74.72	-1,293.80	7,293.61	642.36	184.95	457.42	1.404	Level 3
15,900.00	7,330.01	14,329.40	7,155.72	259.00	218.76	74.64	-1,293.51	7,393.60	642.85	179.89	462.97	1.389	Level 3
16,000.00	7,331.86	14,429.40	7,156.58	261.94	221.71	74.56	-1,293.22	7,493.59	643.34	174.83	468.51	1.373	Level 3
16,100.00	7,333.70	14,529.39	7,157.43	264.89	224.66	74.48	-1,292.92	7,593.58	643.83	169.78	474.05	1.358	Level 3
16,200.00	7,335.55	14,629.38	7,158.29	267.84	227.62	74.40	-1,292.63	7,693.57	644.32	164.74	479.58	1.343	Level 3
16,300.00	7,337.40	14,729.38	7,159.14	270.78	230.57	74.32	-1,292.34	7,793.56	644.81	159.70	485.12	1.329	Level 3
16,400.00	7,339.25	14,829.37	7,160.00	273.73	233.53	74.24	-1,292.04	7,893.55	645.31	154.66	490.64	1.315	Level 3
16,500.00	7,341.09	14,929.37	7,160.85	276.68	236.48	74.17	-1,291.75	7,993.54	645.80	149.63	496.17	1.302	Level 3
16,600.00	7,342.94	15,029.36	7,161.70	279.62	239.44	74.09	-1,291.46	8,093.53	646.30	144.61	501.69	1.288	Level 3
16,700.00	7,344.79	15,129.36	7,162.56	282.57	242.39	74.01	-1,291.16	8,193.52	646.79	139.59	507.20	1.275	Level 3
16,800.00	7,346.63	15,229.35	7,163.41	285.52	245.35	73.93	-1,290.87	8,293.51	647.29	134.58	512.71	1.262	Level 3
16,900.00	7,348.48	15,329.35	7,164.27	288.47	248.30	73.85	-1,290.58	8,393.51	647.79	129.57	518.22	1.250	Level 3
17,000.00	7,350.33	15,429.34	7,165.12	291.42	251.26	73.77	-1,290.28	8,493.50	648.29	124.57	523.72	1.238	Level 2
17,100.00	7,352.17	15,529.34	7,165.98	294.37	254.22	73.69	-1,289.99	8,593.49	648.79	119.58	529.22	1.226	Level 2
17,200.00	7,354.02	15,629.33	7,166.83	297.32	257.17	73.62	-1,289.70	8,693.48	649.30	114.59	534.71	1.214	Level 2
17,300.00	7,355.87	15,729.33	7,167.69	300.27	260.13	73.54	-1,289.40	8,793.47	649.80	109.60	540.20	1.203	Level 2
17,400.00	7,357.71	15,829.32	7,168.54	303.22	263.09	73.46	-1,289.11	8,893.46	650.31	104.62	545.68	1.192	Level 2
17,500.00	7,359.56	15,929.32	7,169.40	306.17	266.04	73.38	-1,288.82	8,993.45	650.81	99.65	551.16	1.181	Level 2
17,600.00	7,361.41	16,029.31	7,170.25	309.12	269.00	73.30	-1,288.52	9,093.44	651.32	94.68	556.64	1.170	Level 2
17,686.20	7,363.00	16,115.50	7,170.99	311.66	271.55	73.24	-1,288.27	9,179.63	651.76	90.40	561.36	1.161	Level 2, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-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	
0.00	0.00	0.00	0.00	3.28	3.28	0.60	79.79	0.84	79.79				
100.00	100.00	100.00	100.00	3.28	3.28	0.60	79.79	0.84	79.79	72.26	7.53	10.600	
200.00	200.00	200.00	200.00	3.30	3.30	0.60	79.79	0.84	79.79	72.22	7.57	10.542	
200.00	200.00	200.00	200.00	3.30	3.30	0.60	79.79	0.84	79.79	72.22	7.57	10.542	CC, ES
300.00	300.00	299.87	299.87	3.34	3.34	112.57	79.83	0.40	80.00	72.35	7.65	10.455	
400.00	399.93	399.58	399.52	3.40	3.41	112.37	80.19	-3.05	81.67	73.90	7.77	10.511	
500.00	499.68	499.24	498.92	3.49	3.49	112.00	80.92	-9.94	85.01	77.07	7.94	10.711	
600.00	599.13	598.78	597.92	3.59	3.60	111.48	82.00	-20.25	90.01	81.85	8.16	11.034	
700.00	698.15	698.19	696.36	3.74	3.75	110.86	83.44	-33.96	96.68	88.24	8.44	11.451	
800.00	796.63	797.40	794.08	3.92	3.93	110.19	85.24	-51.02	105.01	96.20	8.80	11.929	
900.00	894.44	896.40	890.93	4.15	4.15	109.50	87.38	-71.38	114.98	105.73	9.25	12.431	
1,000.00	991.48	1,004.46	987.34	4.44	4.45	109.16	89.79	-94.38	126.46	116.64	9.82	12.881	
1,100.00	1,088.28	1,105.16	1,083.85	4.76	4.76	109.35	92.23	-117.60	138.30	127.87	10.44	13.253	
1,200.00	1,185.07	1,205.87	1,180.36	5.12	5.10	109.51	94.67	-140.82	150.15	139.05	11.11	13.517	
1,300.00	1,281.86	1,306.57	1,276.87	5.50	5.46	109.65	97.11	-164.04	162.00	150.18	11.82	13.701	
1,400.00	1,378.66	1,407.28	1,373.38	5.89	5.83	109.77	99.56	-187.26	173.85	161.28	12.58	13.825	
1,500.00	1,475.45	1,507.98	1,469.89	6.31	6.22	109.87	102.00	-210.48	185.70	172.35	13.36	13.904	
1,600.00	1,572.24	1,591.31	1,566.40	6.73	6.56	109.96	104.44	-233.70	197.56	183.47	14.09	14.021	
1,700.00	1,669.03	1,709.39	1,662.91	7.17	7.02	110.04	106.88	-256.92	209.41	194.44	14.97	13.992	
1,800.00	1,765.83	1,789.90	1,759.42	7.42	7.21	110.11	109.32	-280.14	221.26	206.26	15.00	14.747	
1,900.00	1,862.62	1,889.20	1,855.94	7.49	7.29	110.18	111.76	-303.36	233.11	217.96	15.15	15.384	
2,000.00	1,959.41	1,988.49	1,952.45	7.59	7.38	110.24	114.20	-326.58	244.96	229.62	15.34	15.967	
2,100.00	2,056.21	2,087.79	2,048.96	7.73	7.50	110.29	116.64	-349.80	256.82	241.23	15.59	16.473	
2,200.00	2,153.00	2,187.08	2,145.47	7.90	7.65	110.34	119.08	-373.02	268.67	252.78	15.89	16.904	
2,300.00	2,249.79	2,286.38	2,241.98	8.10	7.83	110.38	121.52	-396.24	280.52	264.27	16.25	17.262	
2,400.00	2,346.58	2,385.67	2,338.49	8.32	8.03	110.42	123.96	-419.47	292.38	275.72	16.66	17.554	
2,500.00	2,443.38	2,484.97	2,435.00	8.56	8.25	110.46	126.40	-442.69	304.23	287.12	17.11	17.785	
2,600.00	2,540.17	2,584.26	2,531.51	8.83	8.49	110.49	128.84	-465.91	316.08	298.49	17.60	17.961	
2,700.00	2,636.96	2,683.56	2,628.02	9.12	8.75	110.53	131.28	-489.13	327.94	309.81	18.13	18.089	
2,800.00	2,733.76	2,782.85	2,724.53	9.43	9.03	110.56	133.72	-512.35	339.79	321.10	18.69	18.176	
2,900.00	2,830.55	2,882.15	2,821.04	9.75	9.32	110.58	136.16	-535.57	351.65	332.36	19.29	18.228	
3,000.00	2,927.34	2,981.44	2,917.55	10.09	9.63	110.61	138.60	-558.79	363.50	343.58	19.92	18.251	
3,100.00	3,024.13	3,080.74	3,014.06	10.44	9.95	110.63	141.04	-582.01	375.36	354.79	20.57	18.249	
3,200.00	3,120.93	3,180.03	3,110.57	10.81	10.28	110.66	143.49	-605.23	387.21	365.97	21.24	18.227	
3,300.00	3,217.72	3,279.32	3,207.08	11.18	10.63	110.68	145.93	-628.45	399.06	377.12	21.94	18.188	
3,400.00	3,314.51	3,378.62	3,303.60	11.57	10.98	110.70	148.37	-651.67	410.92	388.26	22.66	18.137	
3,500.00	3,411.31	3,477.91	3,400.11	11.96	11.34	110.72	150.81	-674.89	422.77	399.38	23.39	18.075	
3,600.00	3,508.10	3,577.21	3,496.62	12.36	11.71	110.74	153.25	-698.11	434.63	410.49	24.14	18.005	
3,700.00	3,604.89	3,676.50	3,593.13	12.77	12.09	110.75	155.69	-721.33	446.48	421.58	24.90	17.929	
3,800.00	3,701.69	3,775.80	3,689.64	13.19	12.47	110.77	158.13	-744.55	458.34	432.66	25.68	17.848	
3,900.00	3,798.48	3,875.09	3,786.15	13.61	12.86	110.79	160.57	-767.77	470.19	443.72	26.47	17.764	
4,000.00	3,895.27	3,974.39	3,882.66	14.04	13.26	110.80	163.01	-790.99	482.04	454.78	27.27	17.678	
4,100.00	3,992.06	4,073.68	3,979.17	14.47	13.66	110.81	165.45	-814.21	493.90	465.82	28.08	17.591	
4,200.00	4,088.86	4,172.98	4,075.68	14.91	14.06	110.83	167.89	-837.43	505.75	476.86	28.90	17.503	
4,300.00	4,185.65	4,272.27	4,172.19	15.35	14.47	110.84	170.33	-860.65	517.61	487.89	29.72	17.415	
4,400.00	4,282.44	4,371.57	4,268.70	15.80	14.88	110.85	172.77	-883.87	529.46	498.91	30.56	17.328	
4,500.00	4,379.24	4,470.86	4,365.21	16.25	15.30	110.86	175.21	-907.10	541.32	509.92	31.40	17.241	
4,600.00	4,476.03	4,570.16	4,461.72	16.70	15.72	110.87	177.65	-930.32	553.17	520.93	32.25	17.155	
4,700.00	4,572.82	4,669.45	4,558.23	17.16	16.14	110.89	180.09	-953.54	565.03	531.93	33.10	17.071	
4,800.00	4,669.61	4,768.75	4,654.74	17.62	16.56	110.90	182.53	-976.76	576.88	542.92	33.96	16.988	
4,900.00	4,766.41	4,868.04	4,751.26	18.08	16.99	110.91	184.97	-999.98	588.74	553.92	34.82	16.907	
5,000.00	4,863.20	4,967.34	4,847.77	18.54	17.42	110.91	187.42	-1,023.20	600.59	564.90	35.69	16.828	
5,100.00	4,959.99	5,066.63	4,944.28	19.01	17.85	110.92	189.86	-1,046.42	612.45	575.88	36.56	16.750	
5,200.00	5,056.79	5,165.93	5,040.79	19.47	18.29	110.93	192.30	-1,069.64	624.30	586.86	37.44	16.674	
5,300.00	5,153.58	5,265.22	5,137.30	19.94	18.72	110.94	194.74	-1,092.86	636.16	597.83	38.32	16.600	
5,400.00	5,250.37	5,364.52	5,233.81	20.41	19.16	110.95	197.18	-1,116.08	648.01	608.80	39.21	16.528	
5,500.00	5,347.16	5,463.81	5,330.32	20.89	19.60	110.96	199.62	-1,139.30	659.87	619.77	40.09	16.458	
5,600.00	5,443.96	5,563.10	5,426.83	21.36	20.04	110.96	202.06	-1,162.52	671.72	630.74	40.99	16.389	
5,700.00	5,540.75	5,662.40	5,523.34	21.84	20.49	110.97	204.50	-1,185.74	683.58	641.70	41.88	16.323	
5,800.00	5,637.54	5,761.69	5,619.85	22.31	20.93	110.98	206.94	-1,208.96	695.43	652.66	42.78	16.258	
5,900.00	5,734.34	5,860.99	5,716.36	22.79	21.37	110.98	209.38	-1,232.18	707.29	663.61	43.67	16.194	
6,000.00	5,831.13	5,960.28	5,812.87	23.27	21.82	110.99	211.82	-1,255.40	719.14	674.56	44.58	16.133	
6,100.00	5,927.92	6,059.58	5,909.38	23.75	22.27	111.00	214.26	-1,278.62	731.00	685.52	45.48	16.073	
6,200.00	6,024.71	6,158.87	6,005.89	24.23	22.72	111.00	216.70	-1,301.84	742.85	696.47	46.38	16.015	
6,300.00	6,121.51	6,258.17	6,102.40	24.72	23.17	111.01	219.14	-1,325.06	754.71	707.41	47.29	15.958	
6,400.00	6,218.30	6,357.46	6,198.92	25.20	23.62	111.02	221.58	-1,348.28	766.56	718.36	48.20	15.903	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-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
6,500.00	6,315.09	6,456.76	6,295.43	25.68	24.07	111.02	224.02	-1,371.50	778.42	729.30	49.11	15.850	
6,600.00	6,411.92	6,556.07	6,391.97	26.15	24.50	113.24	226.47	-1,394.65	790.28	740.28	49.99	15.808	
6,700.00	6,510.45	6,655.55	6,490.33	26.34	24.69	149.90	228.94	-1,408.67	802.38	752.00	50.39	15.925	
6,800.00	6,609.83	6,755.13	6,589.76	26.45	24.80	-133.84	231.42	-1,407.20	814.66	764.05	50.61	16.097	
6,900.00	6,707.64	6,854.86	6,687.90	26.51	24.87	-109.71	233.84	-1,390.22	826.80	776.05	50.75	16.292	
7,000.00	6,801.46	6,954.81	6,782.39	26.57	24.95	-101.37	236.15	-1,358.05	838.51	787.61	50.90	16.474	
7,100.00	6,888.97	7,055.02	6,870.92	26.67	25.09	-97.05	238.29	-1,311.34	849.50	798.34	51.17	16.602	
7,200.00	6,968.03	7,155.53	6,951.25	26.85	25.35	-94.32	240.21	-1,251.14	859.50	807.84	51.67	16.635	
7,300.00	7,036.68	7,256.34	7,021.32	27.18	25.79	-92.44	241.85	-1,178.82	868.27	815.75	52.52	16.532	
7,400.00	7,093.25	7,357.44	7,079.25	27.71	26.47	-91.10	243.18	-1,096.11	875.57	821.74	53.84	16.264	
7,500.00	7,136.32	7,458.79	7,123.47	28.47	27.42	-90.16	244.15	-1,005.05	881.24	825.57	55.68	15.827	
7,600.00	7,164.85	7,560.30	7,152.73	29.48	28.63	-89.56	244.74	-907.95	885.14	827.10	58.04	15.251	
7,700.00	7,178.13	7,661.92	7,166.22	30.71	30.06	-89.26	244.93	-807.35	887.16	826.34	60.82	14.586	
7,800.00	7,180.41	7,762.25	7,168.60	32.13	31.67	-89.24	244.84	-707.04	887.83	823.87	63.96	13.881	
7,900.00	7,182.26	7,862.25	7,170.63	33.77	33.43	-89.26	244.75	-607.07	888.45	820.99	67.46	13.171	
8,000.00	7,184.10	7,962.25	7,172.66	35.60	35.35	-89.27	244.66	-507.09	889.07	817.79	71.28	12.473	
8,100.00	7,185.95	8,062.25	7,174.69	37.58	37.41	-89.28	244.56	-407.11	889.68	814.31	75.38	11.803	
8,200.00	7,187.80	8,162.24	7,176.72	39.69	39.59	-89.29	244.47	-307.13	890.30	810.60	79.70	11.170	
8,300.00	7,189.64	8,262.24	7,178.75	41.91	41.86	-89.31	244.37	-207.16	890.92	806.69	84.23	10.577	
8,400.00	7,191.49	8,362.24	7,180.78	44.22	44.21	-89.32	244.28	-107.18	891.54	802.61	88.92	10.026	
8,500.00	7,193.34	8,462.24	7,182.80	46.61	46.63	-89.33	244.19	-7.20	892.15	798.40	93.75	9.516	
8,600.00	7,195.18	8,562.24	7,184.83	49.07	49.12	-89.34	244.09	92.77	892.77	794.06	98.71	9.045	
8,700.00	7,197.03	8,662.23	7,186.86	51.58	51.65	-89.35	244.00	192.75	893.39	789.62	103.76	8.610	
8,800.00	7,198.88	8,762.23	7,188.89	54.14	54.23	-89.37	243.91	292.73	894.01	785.10	108.91	8.209	
8,900.00	7,200.73	8,862.23	7,190.92	56.74	56.84	-89.38	243.81	392.71	894.62	780.49	114.13	7.839	
9,000.00	7,202.57	8,962.23	7,192.95	59.37	59.49	-89.39	243.72	492.68	895.24	775.82	119.42	7.497	
9,100.00	7,204.42	9,062.23	7,194.98	62.04	62.17	-89.40	243.63	592.66	895.86	771.10	124.76	7.181	
9,200.00	7,206.27	9,162.22	7,197.00	64.73	64.87	-89.41	243.53	692.64	896.48	766.32	130.16	6.888	
9,300.00	7,208.11	9,262.22	7,199.03	67.44	67.59	-89.43	243.44	792.62	897.09	761.49	135.60	6.616	
9,400.00	7,209.96	9,362.22	7,201.06	70.18	70.33	-89.44	243.34	892.59	897.71	756.63	141.08	6.363	
9,500.00	7,211.81	9,462.22	7,203.09	72.93	73.09	-89.45	243.25	992.57	898.33	751.74	146.59	6.128	
9,600.00	7,213.65	9,562.21	7,205.12	75.70	75.87	-89.46	243.16	1,092.55	898.95	746.81	152.14	5.909	
9,700.00	7,215.50	9,662.21	7,207.15	78.49	78.66	-89.47	243.06	1,192.52	899.57	741.85	157.72	5.704	
9,800.00	7,217.35	9,762.21	7,209.18	81.29	81.46	-89.49	242.97	1,292.50	900.18	736.87	163.31	5.512	
9,900.00	7,219.20	9,862.21	7,211.20	84.09	84.27	-89.50	242.88	1,392.48	900.80	731.87	168.94	5.332	
10,000.00	7,221.04	9,962.21	7,213.23	86.91	87.09	-89.51	242.78	1,492.46	901.42	726.84	174.58	5.163	
10,100.00	7,222.89	10,062.20	7,215.26	89.74	89.92	-89.52	242.69	1,592.43	902.04	721.80	180.24	5.005	
10,200.00	7,224.74	10,162.20	7,217.29	92.58	92.76	-89.53	242.60	1,692.41	902.66	716.74	185.92	4.855	
10,300.00	7,226.58	10,262.20	7,219.32	95.43	95.61	-89.55	242.50	1,792.39	903.27	711.66	191.61	4.714	
10,400.00	7,228.43	10,362.20	7,221.35	98.28	98.46	-89.56	242.41	1,892.37	903.89	706.58	197.32	4.581	
10,500.00	7,230.28	10,462.20	7,223.38	101.14	101.32	-89.57	242.31	1,992.34	904.51	701.48	203.03	4.455	
10,600.00	7,232.12	10,562.19	7,225.40	104.00	104.19	-89.58	242.22	2,092.32	905.13	696.36	208.77	4.336	
10,700.00	7,233.97	10,662.19	7,227.43	106.87	107.06	-89.59	242.13	2,192.30	905.75	691.24	214.51	4.222	
10,800.00	7,235.82	10,762.19	7,229.46	109.75	109.94	-89.60	242.03	2,292.27	906.37	686.11	220.26	4.115	
10,900.00	7,237.66	10,862.19	7,231.49	112.63	112.82	-89.62	241.94	2,392.25	906.98	680.96	226.02	4.013	
11,000.00	7,239.51	10,962.19	7,233.52	115.51	115.70	-89.63	241.85	2,492.23	907.60	675.81	231.79	3.916	
11,100.00	7,241.36	11,062.18	7,235.55	118.40	118.59	-89.64	241.75	2,592.21	908.22	670.65	237.57	3.823	
11,200.00	7,243.21	11,162.18	7,237.58	121.29	121.48	-89.65	241.66	2,692.18	908.84	665.49	243.35	3.735	
11,300.00	7,245.05	11,262.18	7,239.60	124.19	124.38	-89.66	241.56	2,792.16	909.46	660.32	249.14	3.650	
11,400.00	7,246.90	11,362.18	7,241.63	127.09	127.28	-89.67	241.47	2,892.14	910.08	655.14	254.94	3.570	
11,500.00	7,248.75	11,462.18	7,243.66	129.99	130.18	-89.69	241.38	2,992.12	910.69	649.95	260.74	3.493	
11,600.00	7,250.59	11,562.17	7,245.69	132.89	133.08	-89.70	241.28	3,092.09	911.31	644.76	266.55	3.419	
11,700.00	7,252.44	11,662.17	7,247.72	135.80	135.99	-89.71	241.19	3,192.07	911.93	639.57	272.36	3.348	
11,800.00	7,254.29	11,762.17	7,249.75	138.71	138.90	-89.72	241.10	3,292.05	912.55	634.37	278.18	3.280	
11,900.00	7,256.13	11,862.17	7,251.78	141.62	141.81	-89.73	241.00	3,392.03	913.17	629.16	284.01	3.215	
12,000.00	7,257.98	11,962.16	7,253.80	144.54	144.72	-89.74	240.91	3,492.00	913.79	623.95	289.83	3.153	
12,100.00	7,259.83	12,062.16	7,255.83	147.45	147.64	-89.76	240.82	3,591.98	914.41	618.74	295.67	3.093	
12,200.00	7,261.67	12,162.16	7,257.86	150.37	150.55	-89.77	240.72	3,691.96	915.03	613.53	301.50	3.035	
12,300.00	7,263.52	12,262.16	7,259.89	153.29	153.47	-89.78	240.63	3,791.93	915.65	608.31	307.34	2.979	
12,400.00	7,265.37	12,362.16	7,261.92	156.21	156.39	-89.79	240.53	3,891.91	916.26	603.08	313.18	2.926	
12,500.00	7,267.22	12,462.15	7,263.95	159.13	159.32	-89.80	240.44	3,991.89	916.88	597.86	319.03	2.874	
12,600.00	7,269.06	12,562.15	7,265.98	162.06	162.24	-89.81	240.35	4,091.87	917.50	592.63	324.88	2.824	
12,700.00	7,270.91	12,662.15	7,268.00	164.98	165.16	-89.83	240.25	4,191.84	918.12	587.39	330.73	2.776	
12,800.00	7,272.76	12,762.15	7,270.03	167.91	168.09	-89.84	240.16	4,291.82	918.74	582.16	336.58	2.730	
12,900.00	7,274.60	12,862.15	7,272.06	170.84	171.02	-89.85	240.07	4,391.80	919.36	576.92	342.44	2.685	
13,000.00	7,276.45	12,962.14	7,274.09	173.77	173.95	-89.86	239.97	4,491.78	919.98	571.68	348.30	2.641	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1										Offset Site Error:	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	
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
13,100.00	7,278.30	13,062.14	7,276.12	176.70	176.88	-89.87	239.88	4,591.75	920.60	566.44	354.16	2.599	
13,200.00	7,280.14	13,162.14	7,278.15	179.63	179.81	-89.88	239.79	4,691.73	921.22	561.20	360.02	2.559	
13,300.00	7,281.99	13,262.14	7,280.17	182.57	182.74	-89.89	239.69	4,791.71	921.84	555.95	365.89	2.519	
13,400.00	7,283.84	13,362.14	7,282.20	185.50	185.67	-89.90	239.60	4,891.68	922.46	550.70	371.75	2.481	
13,500.00	7,285.69	13,462.13	7,284.23	188.44	188.61	-89.92	239.50	4,991.66	923.08	545.45	377.62	2.444	
13,600.00	7,287.53	13,562.13	7,286.26	191.37	191.54	-89.93	239.41	5,091.64	923.69	540.20	383.49	2.409	
13,700.00	7,289.38	13,662.13	7,288.29	194.31	194.48	-89.94	239.32	5,191.62	924.31	534.95	389.37	2.374	
13,800.00	7,291.23	13,762.13	7,290.32	197.24	197.41	-89.94	239.22	5,291.59	923.92	528.69	395.23	2.338	
13,900.00	7,293.07	13,862.13	7,292.35	200.17	200.35	-89.95	239.13	5,391.57	923.30	522.20	401.10	2.302	
14,000.00	7,294.92	13,962.12	7,294.37	203.11	203.29	-89.96	239.04	5,491.55	922.68	515.70	406.98	2.267	
14,100.00	7,296.77	14,062.12	7,296.40	206.04	206.23	-89.97	238.94	5,591.53	922.06	509.21	412.85	2.233	
14,200.00	7,298.61	14,162.12	7,298.43	208.98	209.17	-89.98	238.85	5,691.50	921.44	502.71	418.73	2.201	
14,300.00	7,300.46	14,262.12	7,300.46	211.92	212.11	-89.99	238.76	5,791.48	920.82	496.21	424.61	2.169	
14,400.00	7,302.31	14,362.12	7,302.49	214.86	215.05	-90.00	238.66	5,891.46	920.20	489.71	430.48	2.138	
14,500.00	7,304.15	14,462.11	7,304.52	217.80	217.99	-90.02	238.57	5,991.44	919.58	483.21	436.37	2.107	
14,600.00	7,306.00	14,562.11	7,306.55	220.74	220.93	-90.03	238.47	6,091.41	918.96	476.71	442.25	2.078	
14,700.00	7,307.85	14,662.11	7,308.57	223.68	223.87	-90.04	238.38	6,191.39	918.34	470.21	448.13	2.049	
14,800.00	7,309.70	14,762.11	7,310.60	226.62	226.82	-90.05	238.29	6,291.37	917.72	463.70	454.01	2.021	
14,900.00	7,311.54	14,862.10	7,312.63	229.56	229.76	-90.06	238.19	6,391.34	917.10	457.20	459.90	1.994	
15,000.00	7,313.39	14,962.10	7,314.66	232.50	232.70	-90.07	238.10	6,491.32	916.48	450.69	465.78	1.968	
15,100.00	7,315.24	15,062.10	7,316.69	235.44	235.65	-90.08	238.01	6,591.30	915.86	444.19	471.67	1.942	
15,200.00	7,317.08	15,162.10	7,318.72	238.39	238.59	-90.10	237.91	6,691.28	915.24	437.68	477.56	1.916	
15,300.00	7,318.93	15,262.10	7,320.75	241.33	241.54	-90.11	237.82	6,791.25	914.62	431.17	483.45	1.892	
15,400.00	7,320.78	15,362.09	7,322.77	244.27	244.48	-90.12	237.72	6,891.23	913.99	424.66	489.34	1.868	
15,500.00	7,322.62	15,462.09	7,324.80	247.22	247.43	-90.13	237.63	6,991.21	913.37	418.15	495.23	1.844	
15,600.00	7,324.47	15,562.09	7,326.83	250.16	250.38	-90.14	237.54	7,091.19	912.75	411.64	501.12	1.821	
15,700.00	7,326.32	15,662.09	7,328.86	253.11	253.32	-90.15	237.44	7,191.16	912.13	405.13	507.01	1.799	
15,800.00	7,328.16	15,762.09	7,330.89	256.05	256.27	-90.16	237.35	7,291.14	911.51	398.62	512.90	1.777	
15,900.00	7,330.01	15,862.08	7,332.92	259.00	259.22	-90.18	237.26	7,391.12	910.90	392.10	518.79	1.756	
16,000.00	7,331.86	15,962.08	7,334.95	261.94	262.17	-90.19	237.16	7,491.09	910.28	385.59	524.69	1.735	
16,100.00	7,333.70	16,062.08	7,336.97	264.89	265.12	-90.20	237.07	7,591.07	909.66	379.07	530.58	1.714	
16,200.00	7,335.55	16,162.08	7,339.00	267.84	268.06	-90.21	236.98	7,691.05	909.04	372.56	536.48	1.694	
16,300.00	7,337.40	16,262.08	7,341.03	270.78	271.01	-90.22	236.88	7,791.03	908.42	366.04	542.37	1.675	
16,400.00	7,339.25	16,362.07	7,343.06	273.73	273.96	-90.23	236.79	7,891.00	907.80	359.53	548.27	1.656	
16,500.00	7,341.09	16,462.07	7,345.09	276.68	276.91	-90.25	236.69	7,990.98	907.18	353.01	554.16	1.637	
16,600.00	7,342.94	16,562.07	7,347.12	279.62	279.86	-90.26	236.60	8,090.96	906.56	346.50	560.06	1.619	
16,700.00	7,344.79	16,662.07	7,349.15	282.57	282.81	-90.27	236.51	8,190.94	905.94	339.98	565.96	1.601	
16,800.00	7,346.63	16,762.07	7,351.17	285.52	285.76	-90.28	236.41	8,290.91	905.32	333.46	571.86	1.583	
16,900.00	7,348.48	16,862.06	7,353.20	288.47	288.71	-90.29	236.32	8,390.89	904.70	326.94	577.75	1.566	
17,000.00	7,350.33	16,962.06	7,355.23	291.42	291.66	-90.30	236.23	8,490.87	904.08	320.42	583.65	1.549	
17,100.00	7,352.17	17,062.06	7,357.26	294.37	294.62	-90.32	236.13	8,590.84	903.46	313.91	589.55	1.532	
17,200.00	7,354.02	17,162.06	7,359.29	297.32	297.57	-90.33	236.04	8,690.82	902.84	307.39	595.45	1.516	
17,300.00	7,355.87	17,262.05	7,361.32	300.27	300.52	-90.34	235.95	8,790.80	902.22	300.87	601.35	1.500	
17,400.00	7,357.71	17,362.05	7,363.35	303.22	303.47	-90.35	235.85	8,890.78	901.60	294.35	607.25	1.485 Level 3	
17,500.00	7,359.56	17,462.05	7,365.37	306.17	306.42	-90.36	235.76	8,990.75	900.98	287.83	613.16	1.469 Level 3	
17,600.00	7,361.41	17,562.05	7,367.40	309.12	309.37	-90.38	235.66	9,090.73	900.36	281.31	619.06	1.454 Level 3	
17,682.82	7,362.94	17,644.86	7,369.08	311.56	311.82	-90.38	235.59	9,173.53	899.85	275.91	623.94	1.442 Level 3, SF	
17,686.20	7,363.00	17,640.78	7,369.00	311.66	311.70	-90.38	235.59	9,169.45	899.86	275.96	623.90	1.442 Level 3	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-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
0.00	0.00	0.00	0.00	3.28	3.28	0.40	40.07	0.28	40.07				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.07	0.28	40.07	32.55	7.53	5.324	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.51	7.57	5.295	CC
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.51	7.57	5.295	
300.00	300.00	300.07	300.07	3.34	3.34	112.35	40.03	-0.16	40.20	32.54	7.65	5.253	
400.00	399.93	400.21	400.14	3.40	3.40	111.99	39.70	-3.64	41.17	33.40	7.77	5.299	
500.00	499.68	500.32	500.00	3.49	3.49	111.31	39.03	-10.60	43.11	35.18	7.93	5.434	
600.00	599.13	600.40	599.52	3.59	3.60	110.39	38.02	-21.02	46.04	37.88	8.15	5.646	
700.00	698.15	700.42	698.56	3.74	3.74	109.33	36.69	-34.89	49.95	41.51	8.44	5.918	
800.00	796.63	800.37	796.99	3.92	3.93	108.22	35.02	-52.18	54.84	46.04	8.80	6.229	
900.00	894.44	900.25	894.68	4.15	4.16	107.11	33.03	-72.86	60.72	51.47	9.26	6.559	
1,000.00	991.48	1,000.03	991.53	4.44	4.44	106.15	30.73	-96.73	67.56	57.75	9.82	6.883	
1,100.00	1,088.28	1,100.23	1,088.15	4.76	4.76	105.59	28.36	-121.39	74.70	64.24	10.45	7.145	
1,200.00	1,185.07	1,200.49	1,184.76	5.12	5.11	105.13	25.98	-146.05	81.84	70.69	11.15	7.339	
1,300.00	1,281.86	1,300.75	1,281.38	5.50	5.49	104.75	23.61	-170.70	88.99	77.09	11.89	7.481	
1,400.00	1,378.66	1,401.00	1,378.00	5.89	5.88	104.42	21.23	-195.36	96.14	83.46	12.68	7.584	
1,500.00	1,475.45	1,501.26	1,474.62	6.31	6.29	104.14	18.86	-220.02	103.29	89.80	13.49	7.657	
1,600.00	1,572.24	1,601.52	1,571.23	6.73	6.72	103.89	16.49	-244.68	110.45	96.12	14.33	7.708	
1,700.00	1,669.03	1,701.78	1,667.85	7.17	7.15	103.67	14.11	-269.33	117.60	102.42	15.19	7.745	
1,800.00	1,765.83	1,802.03	1,764.47	7.42	7.39	103.48	11.74	-293.99	124.76	109.48	15.29	8.162	
1,900.00	1,862.62	1,902.29	1,861.09	7.49	7.46	103.31	9.36	-318.65	131.92	116.49	15.43	8.549	
2,000.00	1,959.41	2,002.55	1,957.71	7.59	7.56	103.16	6.99	-343.30	139.08	123.44	15.64	8.893	
2,100.00	2,056.21	2,102.81	2,054.32	7.73	7.70	103.02	4.62	-367.96	146.25	130.33	15.91	9.191	
2,200.00	2,153.00	2,203.06	2,150.94	7.90	7.87	102.89	2.24	-392.62	153.41	137.16	16.24	9.445	
2,300.00	2,249.79	2,303.32	2,247.56	8.10	8.06	102.78	-0.13	-417.28	160.57	143.94	16.63	9.656	
2,400.00	2,346.58	2,403.58	2,344.18	8.32	8.28	102.68	-2.51	-441.93	167.73	150.67	17.07	9.828	
2,500.00	2,443.38	2,503.84	2,440.79	8.56	8.53	102.58	-4.88	-466.59	174.90	157.35	17.55	9.965	
2,600.00	2,540.17	2,604.09	2,537.41	8.83	8.79	102.49	-7.26	-491.25	182.06	163.98	18.08	10.070	
2,700.00	2,636.96	2,704.35	2,634.03	9.12	9.08	102.41	-9.63	-515.90	189.23	170.58	18.65	10.147	
2,800.00	2,733.76	2,795.39	2,730.65	9.43	9.35	102.33	-12.00	-540.56	196.39	177.17	19.22	10.216	
2,900.00	2,830.55	2,904.87	2,827.26	9.75	9.70	102.26	-14.38	-565.22	203.56	183.67	19.89	10.234	
3,000.00	2,927.34	3,005.12	2,923.88	10.09	10.04	102.20	-16.75	-589.88	210.73	190.17	20.56	10.250	
3,100.00	3,024.13	3,105.38	3,020.50	10.44	10.39	102.14	-19.13	-614.53	217.89	196.64	21.25	10.253	
3,200.00	3,120.93	3,205.64	3,117.12	10.81	10.75	102.08	-21.50	-639.19	225.06	203.09	21.97	10.244	
3,300.00	3,217.72	3,305.89	3,213.74	11.18	11.12	102.03	-23.88	-663.85	232.23	209.52	22.71	10.225	
3,400.00	3,314.51	3,406.15	3,310.35	11.57	11.50	101.98	-26.25	-688.51	239.39	215.92	23.47	10.200	
3,500.00	3,411.31	3,506.41	3,406.97	11.96	11.89	101.93	-28.62	-713.16	246.56	222.31	24.25	10.168	
3,600.00	3,508.10	3,606.67	3,503.59	12.36	12.29	101.88	-31.00	-737.82	253.73	228.68	25.04	10.132	
3,700.00	3,604.89	3,706.92	3,600.21	12.77	12.70	101.84	-33.37	-762.48	260.89	235.04	25.85	10.092	
3,800.00	3,701.69	3,807.18	3,696.82	13.19	13.11	101.80	-35.75	-787.13	268.06	241.39	26.67	10.050	
3,900.00	3,798.48	3,907.44	3,793.44	13.61	13.53	101.76	-38.12	-811.79	275.23	247.72	27.51	10.006	
4,000.00	3,895.27	3,992.30	3,890.06	14.04	13.89	101.73	-40.49	-836.45	282.40	254.11	28.29	9.984	
4,100.00	3,992.06	4,107.95	3,986.68	14.47	14.39	101.69	-42.87	-861.11	289.57	260.36	29.21	9.914	
4,200.00	4,088.86	4,208.21	4,083.29	14.91	14.82	101.66	-45.24	-885.76	296.73	266.66	30.07	9.868	
4,300.00	4,185.65	4,308.47	4,179.91	15.35	15.26	101.63	-47.62	-910.42	303.90	272.96	30.94	9.821	
4,400.00	4,282.44	4,408.73	4,276.53	15.80	15.70	101.60	-49.99	-935.08	311.07	279.25	31.82	9.775	
4,500.00	4,379.24	4,508.98	4,373.15	16.25	16.15	101.57	-52.37	-959.73	318.24	285.53	32.71	9.729	
4,600.00	4,476.03	4,609.24	4,469.77	16.70	16.59	101.54	-54.74	-984.39	325.41	291.80	33.60	9.684	
4,700.00	4,572.82	4,709.50	4,566.38	17.16	17.05	101.52	-57.11	-1,009.05	332.57	298.07	34.50	9.639	
4,800.00	4,669.61	4,790.25	4,663.00	17.62	17.41	101.49	-59.49	-1,033.71	339.74	304.42	35.32	9.619	
4,900.00	4,766.41	4,889.99	4,759.62	18.08	17.87	101.47	-61.86	-1,058.36	346.91	310.68	36.23	9.576	
5,000.00	4,863.20	4,989.73	4,856.24	18.54	18.32	101.44	-64.24	-1,083.02	354.08	316.94	37.14	9.534	
5,100.00	4,959.99	5,089.47	4,952.85	19.01	18.78	101.42	-66.61	-1,107.68	361.25	323.19	38.06	9.493	
5,200.00	5,056.79	5,189.22	5,049.47	19.47	19.24	101.40	-68.99	-1,132.34	368.42	329.44	38.98	9.453	
5,300.00	5,153.58	5,288.96	5,146.09	19.94	19.71	101.38	-71.36	-1,156.99	375.59	335.69	39.90	9.413	
5,400.00	5,250.37	5,388.70	5,242.71	20.41	20.17	101.36	-73.73	-1,181.65	382.76	341.93	40.83	9.375	
5,500.00	5,347.16	5,488.44	5,339.32	20.89	20.64	101.34	-76.11	-1,206.31	389.92	348.17	41.76	9.338	
5,600.00	5,443.96	5,588.19	5,435.94	21.36	21.10	101.32	-78.48	-1,230.96	397.09	354.40	42.69	9.301	
5,700.00	5,540.75	5,687.93	5,532.56	21.84	21.57	101.31	-80.86	-1,255.62	404.26	360.63	43.63	9.266	
5,800.00	5,637.54	5,787.67	5,629.18	22.31	22.04	101.29	-83.23	-1,280.28	411.43	366.86	44.57	9.231	
5,900.00	5,734.34	5,887.41	5,725.80	22.79	22.52	101.27	-85.61	-1,304.94	418.60	373.09	45.51	9.198	
6,000.00	5,831.13	5,987.16	5,822.41	23.27	22.99	101.26	-87.98	-1,329.59	425.77	379.31	46.46	9.165	
6,100.00	5,927.92	6,086.90	5,919.03	23.75	23.46	101.24	-90.35	-1,354.25	432.94	385.54	47.40	9.133	
6,200.00	6,024.71	6,186.64	6,015.65	24.23	23.94	101.23	-92.73	-1,378.91	440.11	391.76	48.35	9.102	
6,300.00	6,121.51	6,294.91	6,121.34	24.72	24.30	101.70	-95.31	-1,401.87	446.68	397.50	49.18	9.082	
6,400.00	6,218.30	6,404.63	6,230.75	25.20	24.45	104.37	-97.91	-1,407.68	450.93	401.27	49.65	9.081	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-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
6,500.00	6,315.09	6,504.91	6,330.27	25.68	24.51	108.75	-100.22	-1,396.50	454.87	405.05	49.82	9.131	
6,600.00	6,411.92	6,592.79	6,415.12	26.15	24.56	116.16	-102.13	-1,373.95	461.91	412.28	49.62	9.308	
6,700.00	6,510.45	6,672.83	6,489.03	26.34	24.64	157.79	-103.75	-1,343.43	474.35	425.39	48.96	9.688	
6,800.00	6,609.83	6,749.02	6,555.31	26.45	24.75	-121.34	-105.17	-1,305.98	491.18	443.01	48.18	10.196	
6,900.00	6,707.64	6,822.25	6,614.37	26.51	24.94	-93.06	-106.40	-1,262.76	510.78	463.37	47.41	10.773	
7,000.00	6,801.46	6,893.21	6,666.50	26.57	25.20	-81.10	-107.44	-1,214.69	531.62	484.84	46.78	11.364	
7,100.00	6,888.97	6,962.41	6,711.89	26.67	25.56	-73.72	-108.31	-1,162.50	552.39	505.98	46.41	11.902	
7,200.00	6,968.03	7,030.25	6,750.63	26.85	26.03	-68.50	-109.01	-1,106.86	571.97	525.58	46.39	12.328	
7,300.00	7,036.68	7,100.00	6,784.06	27.18	26.64	-64.59	-109.56	-1,045.68	589.50	542.69	46.80	12.595	
7,400.00	7,093.25	7,163.05	6,808.36	27.71	27.31	-61.81	-109.91	-987.53	604.24	556.52	47.72	12.661	
7,500.00	7,136.32	7,228.50	6,827.38	28.47	28.10	-59.82	-110.11	-924.94	615.72	566.58	49.15	12.528	
7,600.00	7,164.85	7,293.57	6,839.82	29.48	28.99	-58.58	-110.16	-861.09	623.56	572.52	51.04	12.216	
7,700.00	7,178.13	7,358.45	6,845.68	30.71	29.94	-58.02	-110.04	-796.51	627.53	574.19	53.35	11.763	
7,800.00	7,180.41	7,452.84	6,847.96	32.13	31.49	-58.06	-109.73	-702.15	628.36	572.31	56.05	11.211	
7,900.00	7,182.26	7,552.83	6,850.29	33.77	33.29	-58.15	-109.40	-602.18	628.99	569.92	59.07	10.648	
8,000.00	7,184.10	7,652.83	6,852.62	35.60	35.24	-58.23	-109.07	-502.21	629.63	567.25	62.38	10.093	
8,100.00	7,185.95	7,752.82	6,854.94	37.58	37.33	-58.32	-108.73	-402.25	630.26	564.32	65.94	9.558	
8,200.00	7,187.80	7,852.81	6,857.27	39.69	39.53	-58.41	-108.40	-302.28	630.90	561.19	69.71	9.051	
8,300.00	7,189.64	7,952.81	6,859.60	41.91	41.83	-58.49	-108.07	-202.32	631.54	557.88	73.66	8.574	
8,400.00	7,191.49	8,052.80	6,861.93	44.22	44.20	-58.58	-107.74	-102.35	632.18	554.42	77.76	8.130	
8,500.00	7,193.34	8,152.79	6,864.26	46.61	46.64	-58.67	-107.40	-2.39	632.82	550.83	81.99	7.718	
8,600.00	7,195.18	8,252.79	6,866.59	49.07	49.14	-58.75	-107.07	97.58	633.47	547.13	86.34	7.337	
8,700.00	7,197.03	8,352.78	6,868.92	51.58	51.69	-58.84	-106.74	197.55	634.11	543.33	90.79	6.985	
8,800.00	7,198.88	8,452.77	6,871.25	54.14	54.28	-58.93	-106.40	297.51	634.76	539.44	95.32	6.659	
8,900.00	7,200.73	8,552.77	6,873.57	56.74	56.91	-59.01	-106.07	397.48	635.41	535.48	99.92	6.359	
9,000.00	7,202.57	8,652.76	6,875.90	59.37	59.57	-59.10	-105.74	497.44	636.06	531.46	104.60	6.081	
9,100.00	7,204.42	8,752.75	6,878.23	62.04	62.26	-59.18	-105.41	597.41	636.71	527.38	109.33	5.824	
9,200.00	7,206.27	8,852.75	6,880.56	64.73	64.97	-59.27	-105.07	697.37	637.36	523.24	114.12	5.585	
9,300.00	7,208.11	8,952.74	6,882.89	67.44	67.70	-59.35	-104.74	797.34	638.01	519.06	118.95	5.364	
9,400.00	7,209.96	9,052.73	6,885.22	70.18	70.45	-59.44	-104.41	897.31	638.67	514.84	123.83	5.158	
9,500.00	7,211.81	9,152.73	6,887.55	72.93	73.21	-59.52	-104.08	997.27	639.32	510.58	128.74	4.966	
9,600.00	7,213.65	9,252.72	6,889.87	75.70	75.99	-59.61	-103.74	1,097.24	639.98	506.29	133.69	4.787	
9,700.00	7,215.50	9,352.71	6,892.20	78.49	78.79	-59.69	-103.41	1,197.20	640.64	501.97	138.67	4.620	
9,800.00	7,217.35	9,452.71	6,894.53	81.29	81.59	-59.78	-103.08	1,297.17	641.30	497.62	143.68	4.463	
9,900.00	7,219.20	9,552.70	6,896.86	84.09	84.41	-59.86	-102.74	1,397.13	641.96	493.24	148.72	4.317	
10,000.00	7,221.04	9,652.69	6,899.19	86.91	87.24	-59.95	-102.41	1,497.10	642.63	488.84	153.79	4.179	
10,100.00	7,222.89	9,752.69	6,901.52	89.74	90.07	-60.03	-102.08	1,597.07	643.29	484.42	158.87	4.049	
10,200.00	7,224.74	9,852.68	6,903.85	92.58	92.92	-60.11	-101.75	1,697.03	643.96	479.97	163.98	3.927	
10,300.00	7,226.58	9,952.67	6,906.17	95.43	95.77	-60.20	-101.41	1,797.00	644.63	475.51	169.11	3.812	
10,400.00	7,228.43	10,052.67	6,908.50	98.28	98.62	-60.28	-101.08	1,896.96	645.29	471.03	174.26	3.703	
10,500.00	7,230.28	10,152.66	6,910.83	101.14	101.49	-60.36	-100.75	1,996.93	645.96	466.53	179.43	3.600	
10,600.00	7,232.12	10,252.65	6,913.16	104.00	104.35	-60.45	-100.42	2,096.89	646.64	462.02	184.62	3.503	
10,700.00	7,233.97	10,352.65	6,915.49	106.87	107.23	-60.53	-100.08	2,196.86	647.31	457.49	189.82	3.410	
10,800.00	7,235.82	10,465.67	6,918.12	109.75	110.48	-60.59	-100.47	2,309.85	647.45	452.23	195.22	3.317	
10,900.00	7,237.66	10,564.02	6,920.41	112.63	113.32	-60.58	-102.12	2,408.16	646.37	446.09	200.29	3.227	
11,000.00	7,239.51	10,664.01	6,922.74	115.51	116.21	-60.58	-103.80	2,508.11	645.29	439.91	205.38	3.142	
11,100.00	7,241.36	10,764.01	6,925.07	118.40	119.11	-60.57	-105.49	2,608.06	644.21	433.72	210.49	3.061	
11,200.00	7,243.21	10,864.00	6,927.40	121.29	122.01	-60.57	-107.17	2,708.01	643.12	427.53	215.60	2.983	
11,300.00	7,245.05	10,963.99	6,929.72	124.19	124.91	-60.56	-108.85	2,807.97	642.04	421.33	220.71	2.909	
11,400.00	7,246.90	11,063.99	6,932.05	127.09	127.81	-60.56	-110.54	2,907.92	640.96	415.12	225.83	2.838	
11,500.00	7,248.75	11,163.98	6,934.38	129.99	130.72	-60.55	-112.22	3,007.87	639.88	408.92	230.96	2.771	
11,600.00	7,250.59	11,263.98	6,936.71	132.89	133.63	-60.55	-113.91	3,107.83	638.79	402.70	236.09	2.706	
11,700.00	7,252.44	11,363.97	6,939.04	135.80	136.54	-60.54	-115.59	3,207.78	637.71	396.49	241.22	2.644	
11,800.00	7,254.29	11,463.97	6,941.37	138.71	139.46	-60.54	-117.28	3,307.73	636.63	390.27	246.36	2.584	
11,900.00	7,256.13	11,563.96	6,943.70	141.62	142.37	-60.53	-118.96	3,407.68	635.54	384.04	251.50	2.527	
12,000.00	7,257.98	11,663.95	6,946.02	144.54	145.29	-60.53	-120.65	3,507.64	634.46	377.81	256.65	2.472	
12,100.00	7,259.83	11,763.95	6,948.35	147.45	148.21	-60.52	-122.33	3,607.59	633.38	371.58	261.80	2.419	
12,200.00	7,261.67	11,863.94	6,950.68	150.37	151.14	-60.52	-124.02	3,707.54	632.29	365.35	266.95	2.369	
12,300.00	7,263.52	11,963.94	6,953.01	153.29	154.06	-60.51	-125.70	3,807.50	631.21	359.11	272.10	2.320	
12,400.00	7,265.37	12,063.93	6,955.34	156.21	156.99	-60.51	-127.39	3,907.45	630.13	352.87	277.26	2.273	
12,500.00	7,267.22	12,163.92	6,957.67	159.13	159.91	-60.50	-129.07	4,007.40	629.05	346.63	282.41	2.227	
12,600.00	7,269.06	12,263.92	6,959.99	162.06	162.84	-60.50	-130.76	4,107.35	627.96	340.39	287.57	2.184	
12,700.00	7,270.91	12,363.91	6,962.32	164.98	165.77	-60.49	-132.44	4,207.31	626.88	334.14	292.74	2.141	
12,800.00	7,272.76	12,463.91	6,964.65	167.91	168.70	-60.48	-134.13	4,307.26	625.80	327.90	297.90	2.101	
12,900.00	7,274.60	12,563.90	6,966.98	170.84	171.64	-60.48	-135.81	4,407.21	624.71	321.65	303.07	2.061	
13,000.00	7,276.45	12,663.90	6,969.31	173.77	174.57	-60.47	-137.50	4,507.16	623.63	315.40	308.24	2.023	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-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				Separation Factor	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)
13,100.00	7,278.30	12,763.89	6,971.64	176.70	177.51	-60.47	-139.18	4,607.12	622.55	309.14	313.40	1.986	
13,200.00	7,280.14	12,863.88	6,973.97	179.63	180.44	-60.46	-140.86	4,707.07	621.47	302.89	318.58	1.951	
13,300.00	7,281.99	12,963.88	6,976.29	182.57	183.38	-60.46	-142.55	4,807.02	620.38	296.64	323.75	1.916	
13,400.00	7,283.84	13,063.87	6,978.62	185.50	186.32	-60.45	-144.23	4,906.98	619.30	290.38	328.92	1.883	
13,500.00	7,285.69	13,163.87	6,980.95	188.44	189.26	-60.45	-145.92	5,006.93	618.22	284.12	334.10	1.850	
13,600.00	7,287.53	13,263.86	6,983.28	191.37	192.20	-60.44	-147.60	5,106.88	617.13	277.86	339.27	1.819	
13,700.00	7,289.38	13,363.85	6,985.61	194.31	195.14	-60.44	-149.29	5,206.83	616.05	271.60	344.45	1.789	
13,800.00	7,291.23	13,463.83	6,987.94	197.24	198.08	-60.36	-150.97	5,306.77	614.09	264.61	349.47	1.757	
13,900.00	7,293.07	13,563.81	6,990.26	200.17	201.02	-60.30	-152.66	5,406.70	611.93	257.46	354.47	1.726	
14,000.00	7,294.92	13,663.78	6,992.59	203.11	203.96	-60.24	-154.34	5,506.64	609.77	250.31	359.46	1.696	
14,100.00	7,296.77	13,763.76	6,994.92	206.04	206.91	-60.17	-156.03	5,606.57	607.61	243.17	364.44	1.667	
14,200.00	7,298.61	13,863.73	6,997.25	208.98	209.85	-60.11	-157.71	5,706.50	605.45	236.03	369.42	1.639	
14,300.00	7,300.46	13,963.70	6,999.58	211.92	212.79	-60.04	-159.39	5,806.44	603.29	228.91	374.39	1.611	
14,400.00	7,302.31	14,063.68	7,001.90	214.86	215.74	-59.98	-161.08	5,906.37	601.14	221.79	379.35	1.585	
14,500.00	7,304.15	14,163.65	7,004.23	217.80	218.68	-59.91	-162.76	6,006.30	598.98	214.68	384.31	1.559	
14,600.00	7,306.00	14,263.63	7,006.56	220.74	221.63	-59.85	-164.45	6,106.24	596.83	207.57	389.25	1.533	
14,700.00	7,307.85	14,363.60	7,008.89	223.68	224.58	-59.78	-166.13	6,206.17	594.67	200.48	394.20	1.509	
14,800.00	7,309.70	14,463.58	7,011.22	226.62	227.52	-59.71	-167.82	6,306.10	592.52	193.39	399.13	1.485 Level 3	
14,900.00	7,311.54	14,563.55	7,013.54	229.56	230.47	-59.64	-169.50	6,406.04	590.37	186.31	404.06	1.461 Level 3	
15,000.00	7,313.39	14,663.52	7,015.87	232.50	233.42	-59.58	-171.19	6,505.97	588.22	179.24	408.98	1.438 Level 3	
15,100.00	7,315.24	14,763.50	7,018.20	235.44	236.37	-59.51	-172.87	6,605.90	586.06	172.18	413.89	1.416 Level 3	
15,200.00	7,317.08	14,863.47	7,020.53	238.39	239.32	-59.44	-174.55	6,705.83	583.91	165.12	418.79	1.394 Level 3	
15,300.00	7,318.93	14,963.45	7,022.86	241.33	242.27	-59.37	-176.24	6,805.77	581.77	158.08	423.69	1.373 Level 3	
15,400.00	7,320.78	15,063.42	7,025.18	244.27	245.22	-59.30	-177.92	6,905.70	579.62	151.04	428.57	1.352 Level 3	
15,500.00	7,322.62	15,163.40	7,027.51	247.22	248.17	-59.23	-179.61	7,005.63	577.47	144.02	433.45	1.332 Level 3	
15,600.00	7,324.47	15,263.37	7,029.84	250.16	251.12	-59.16	-181.29	7,105.57	575.32	137.00	438.32	1.313 Level 3	
15,700.00	7,326.32	15,363.35	7,032.17	253.11	254.07	-59.08	-182.98	7,205.50	573.18	130.00	443.18	1.293 Level 3	
15,800.00	7,328.16	15,463.32	7,034.50	256.05	257.02	-59.01	-184.66	7,305.43	571.03	123.00	448.03	1.275 Level 3	
15,900.00	7,330.01	15,563.29	7,036.82	259.00	259.97	-58.94	-186.35	7,405.37	568.89	116.01	452.88	1.256 Level 3	
16,000.00	7,331.86	15,663.27	7,039.15	261.94	262.92	-58.86	-188.03	7,505.30	566.75	109.04	457.71	1.238 Level 2	
16,100.00	7,333.70	15,763.24	7,041.48	264.89	265.87	-58.79	-189.71	7,605.23	564.61	102.07	462.54	1.221 Level 2	
16,200.00	7,335.55	15,863.22	7,043.81	267.84	268.83	-58.72	-191.40	7,705.17	562.46	95.11	467.35	1.204 Level 2	
16,300.00	7,337.40	15,963.19	7,046.14	270.78	271.78	-58.64	-193.08	7,805.10	560.32	88.17	472.16	1.187 Level 2	
16,400.00	7,339.25	16,063.17	7,048.46	273.73	274.73	-58.56	-194.77	7,905.03	558.19	81.23	476.95	1.170 Level 2	
16,500.00	7,341.09	16,163.14	7,050.79	276.68	277.69	-58.49	-196.45	8,004.96	556.05	74.31	481.74	1.154 Level 2	
16,600.00	7,342.94	16,263.12	7,053.12	279.62	280.64	-58.41	-198.14	8,104.90	553.91	67.40	486.51	1.139 Level 2	
16,700.00	7,344.79	16,363.09	7,055.45	282.57	283.59	-58.33	-199.82	8,204.83	551.77	60.50	491.28	1.123 Level 2	
16,800.00	7,346.63	16,463.06	7,057.78	285.52	286.55	-58.25	-201.50	8,304.76	549.64	53.61	496.03	1.108 Level 2	
16,900.00	7,348.48	16,563.04	7,060.10	288.47	289.50	-58.18	-203.19	8,404.70	547.51	46.73	500.77	1.093 Level 2	
17,000.00	7,350.33	16,663.01	7,062.43	291.42	292.46	-58.10	-204.87	8,504.63	545.37	39.87	505.51	1.079 Level 2	
17,100.00	7,352.17	16,762.99	7,064.76	294.37	295.41	-58.02	-206.56	8,604.56	543.24	33.01	510.23	1.065 Level 2	
17,200.00	7,354.02	16,862.96	7,067.09	297.32	298.37	-57.94	-208.24	8,704.50	541.11	26.17	514.94	1.051 Level 2	
17,300.00	7,355.87	16,962.94	7,069.42	300.27	301.32	-57.85	-209.93	8,804.43	538.98	19.34	519.64	1.037 Level 2	
17,400.00	7,357.71	17,062.91	7,071.74	303.22	304.28	-57.77	-211.61	8,904.36	536.85	12.53	524.33	1.024 Level 2	
17,500.00	7,359.56	17,162.88	7,074.07	306.17	307.24	-57.69	-213.30	9,004.30	534.72	5.72	529.00	1.011 Level 2	
17,600.00	7,361.41	17,262.86	7,076.40	309.12	310.19	-57.61	-214.98	9,104.23	532.60	-1.07	533.66	0.998 Level 1	
17,680.38	7,362.89	17,331.95	7,078.01	311.49	312.23	-57.55	-216.14	9,173.29	531.01	-6.18	537.19	0.989 Level 1	
17,686.20	7,363.00	17,331.95	7,078.01	311.66	312.23	-57.55	-216.14	9,173.29	531.04	-6.21	537.25	0.988 Level 1, ES, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-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
0.00	0.00	0.00	0.00	3.28	3.28	0.53	60.11	0.56	60.11				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	60.11	0.56	60.11	52.58	7.53	7.986	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	60.11	0.56	60.11	52.54	7.57	7.942	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	60.11	0.56	60.11	52.54	7.57	7.942	CC, ES
300.00	300.00	300.03	300.03	3.34	3.34	112.50	60.10	0.12	60.27	52.61	7.65	7.876	
400.00	399.93	400.09	400.02	3.40	3.41	112.23	60.02	-3.37	61.49	53.72	7.77	7.915	
500.00	499.68	500.11	499.79	3.49	3.49	111.71	59.86	-10.35	63.95	56.01	7.94	8.059	
600.00	599.13	600.07	599.20	3.59	3.60	111.01	59.62	-20.80	67.63	59.47	8.16	8.292	
700.00	698.15	699.94	698.10	3.74	3.75	110.19	59.31	-34.70	72.55	64.11	8.44	8.593	
800.00	796.63	799.72	796.35	3.92	3.93	109.29	58.92	-52.01	78.70	69.89	8.80	8.938	
900.00	894.44	899.37	893.82	4.15	4.16	108.38	58.45	-72.71	86.08	76.82	9.26	9.299	
1,000.00	991.48	1,001.06	990.54	4.44	4.44	107.72	57.91	-96.35	94.64	84.82	9.81	9.642	
1,100.00	1,088.28	1,101.46	1,087.19	4.76	4.76	107.58	57.36	-120.44	103.53	93.09	10.44	9.913	
1,200.00	1,185.07	1,201.85	1,183.83	5.12	5.10	107.47	56.82	-144.53	112.43	101.30	11.13	10.103	
1,300.00	1,281.86	1,302.25	1,280.47	5.50	5.47	107.37	56.27	-168.62	121.33	109.47	11.86	10.231	
1,400.00	1,378.66	1,402.65	1,377.12	5.89	5.86	107.28	55.72	-192.71	130.23	117.60	12.63	10.314	
1,500.00	1,475.45	1,503.04	1,473.76	6.31	6.26	107.21	55.18	-216.80	139.13	125.71	13.42	10.364	
1,600.00	1,572.24	1,603.44	1,570.41	6.73	6.67	107.14	54.63	-240.89	148.03	133.78	14.25	10.390	
1,700.00	1,669.03	1,703.84	1,667.05	7.17	7.09	107.09	54.08	-264.98	156.93	141.85	15.08	10.405	
1,800.00	1,765.83	1,804.24	1,763.70	7.42	7.32	107.03	53.54	-289.07	165.83	150.66	15.17	10.932	
1,900.00	1,862.62	1,904.63	1,860.34	7.49	7.39	106.99	52.99	-313.16	174.73	159.42	15.31	11.413	
2,000.00	1,959.41	2,005.03	1,956.99	7.59	7.49	106.94	52.44	-337.25	183.63	168.12	15.51	11.837	
2,100.00	2,056.21	2,094.57	2,053.63	7.73	7.61	106.91	51.90	-361.34	192.53	176.77	15.76	12.215	
2,200.00	2,153.00	2,205.82	2,150.27	7.90	7.78	106.87	51.35	-385.43	201.43	185.33	16.10	12.512	
2,300.00	2,249.79	2,306.22	2,246.92	8.10	7.97	106.84	50.80	-409.52	210.33	193.86	16.48	12.766	
2,400.00	2,346.58	2,406.62	2,343.56	8.32	8.19	106.81	50.26	-433.61	219.23	202.33	16.90	12.971	
2,500.00	2,443.38	2,507.01	2,440.21	8.56	8.42	106.78	49.71	-457.70	228.13	210.76	17.38	13.130	
2,600.00	2,540.17	2,607.41	2,536.85	8.83	8.68	106.76	49.16	-481.79	237.04	219.14	17.89	13.249	
2,700.00	2,636.96	2,707.81	2,633.50	9.12	8.96	106.74	48.62	-505.88	245.94	227.49	18.45	13.333	
2,800.00	2,733.76	2,808.21	2,730.14	9.43	9.26	106.71	48.07	-529.97	254.84	235.80	19.04	13.387	
2,900.00	2,830.55	2,908.60	2,826.79	9.75	9.57	106.69	47.52	-554.06	263.74	244.08	19.66	13.416	
3,000.00	2,927.34	3,009.00	2,923.43	10.09	9.89	106.68	46.98	-578.15	272.64	252.33	20.31	13.423	
3,100.00	3,024.13	3,109.40	3,020.07	10.44	10.23	106.66	46.43	-602.24	281.54	260.55	20.99	13.413	
3,200.00	3,120.93	3,209.79	3,116.72	10.81	10.59	106.64	45.88	-626.33	290.44	268.75	21.69	13.389	
3,300.00	3,217.72	3,289.81	3,213.36	11.18	10.87	106.63	45.34	-650.42	299.34	277.00	22.34	13.398	
3,400.00	3,314.51	3,389.41	3,310.01	11.57	11.24	106.61	44.79	-674.51	308.24	285.16	23.08	13.355	
3,500.00	3,411.31	3,489.02	3,406.65	11.96	11.62	106.60	44.24	-698.60	317.14	293.31	23.84	13.305	
3,600.00	3,508.10	3,588.62	3,503.30	12.36	12.00	106.58	43.70	-722.69	326.04	301.44	24.61	13.249	
3,700.00	3,604.89	3,688.22	3,599.94	12.77	12.39	106.57	43.15	-746.78	334.95	309.55	25.40	13.189	
3,800.00	3,701.69	3,787.83	3,696.58	13.19	12.79	106.56	42.60	-770.87	343.85	317.65	26.20	13.126	
3,900.00	3,798.48	3,887.43	3,793.23	13.61	13.20	106.55	42.06	-794.96	352.75	325.74	27.01	13.061	
4,000.00	3,895.27	3,987.03	3,889.87	14.04	13.61	106.54	41.51	-819.05	361.65	333.82	27.83	12.995	
4,100.00	3,992.06	4,086.63	3,986.52	14.47	14.02	106.53	40.96	-843.14	370.55	341.89	28.66	12.928	
4,200.00	4,088.86	4,186.24	4,083.16	14.91	14.44	106.52	40.42	-867.23	379.45	349.95	29.51	12.860	
4,300.00	4,185.65	4,285.84	4,179.81	15.35	14.86	106.51	39.87	-891.32	388.35	358.00	30.36	12.793	
4,400.00	4,282.44	4,385.44	4,276.45	15.80	15.29	106.50	39.32	-915.41	397.25	366.04	31.21	12.727	
4,500.00	4,379.24	4,485.05	4,373.10	16.25	15.72	106.49	38.78	-939.50	406.15	374.08	32.08	12.661	
4,600.00	4,476.03	4,584.65	4,469.74	16.70	16.15	106.49	38.23	-963.59	415.06	382.11	32.95	12.596	
4,700.00	4,572.82	4,684.25	4,566.38	17.16	16.59	106.48	37.68	-987.68	423.96	390.13	33.83	12.533	
4,800.00	4,669.61	4,783.86	4,663.03	17.62	17.03	106.47	37.14	-1,011.77	432.86	398.15	34.71	12.470	
4,900.00	4,766.41	4,883.46	4,759.67	18.08	17.47	106.46	36.59	-1,035.86	441.76	406.16	35.60	12.409	
5,000.00	4,863.20	4,983.06	4,856.32	18.54	17.92	106.46	36.04	-1,059.95	450.66	414.17	36.49	12.350	
5,100.00	4,959.99	5,082.66	4,952.96	19.01	18.36	106.45	35.50	-1,084.04	459.56	422.17	37.39	12.291	
5,200.00	5,056.79	5,182.27	5,049.61	19.47	18.81	106.44	34.95	-1,108.13	468.46	430.17	38.29	12.235	
5,300.00	5,153.58	5,281.87	5,146.25	19.94	19.26	106.44	34.40	-1,132.22	477.36	438.17	39.19	12.179	
5,400.00	5,250.37	5,381.47	5,242.90	20.41	19.72	106.43	33.86	-1,156.31	486.27	446.16	40.10	12.125	
5,500.00	5,347.16	5,481.08	5,339.54	20.89	20.17	106.43	33.31	-1,180.40	495.17	454.15	41.01	12.073	
5,600.00	5,443.96	5,580.68	5,436.18	21.36	20.63	106.42	32.76	-1,204.49	504.07	462.14	41.93	12.022	
5,700.00	5,540.75	5,680.28	5,532.83	21.84	21.08	106.42	32.22	-1,228.58	512.97	470.12	42.85	11.972	
5,800.00	5,637.54	5,779.89	5,629.47	22.31	21.54	106.41	31.67	-1,252.67	521.87	478.10	43.77	11.924	
5,900.00	5,734.34	5,879.49	5,726.12	22.79	22.00	106.41	31.12	-1,276.76	530.77	486.08	44.69	11.877	
6,000.00	5,831.13	5,979.09	5,822.76	23.27	22.46	106.40	30.58	-1,300.85	539.67	494.06	45.62	11.831	
6,100.00	5,927.92	6,078.70	5,919.41	23.75	22.92	106.40	30.03	-1,324.94	548.57	502.03	46.54	11.786	
6,200.00	6,024.71	6,178.30	6,016.05	24.23	23.39	106.39	29.48	-1,349.03	557.48	510.00	47.47	11.743	
6,300.00	6,121.51	6,277.90	6,112.70	24.72	23.85	106.39	28.94	-1,373.12	566.38	517.97	48.40	11.701	
6,400.00	6,218.30	6,379.63	6,211.53	25.20	24.29	106.44	28.38	-1,397.18	575.23	525.92	49.31	11.665	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-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
6,500.00	6,315.09	6,486.17	6,317.19	25.68	24.49	107.74	27.76	-1,409.80	583.16	533.26	49.90	11.686	
6,600.00	6,411.92	6,586.02	6,416.85	26.15	24.58	112.62	27.16	-1,405.48	590.84	540.65	50.19	11.771	
6,700.00	6,510.45	6,679.55	6,508.51	26.34	24.64	152.00	26.59	-1,387.35	600.15	550.05	50.10	11.978	
6,800.00	6,609.83	6,769.07	6,592.87	26.45	24.71	-129.19	26.06	-1,357.61	611.19	561.28	49.92	12.244	
6,900.00	6,707.64	6,855.30	6,669.41	26.51	24.83	-102.72	25.55	-1,318.06	623.39	573.66	49.73	12.535	
7,000.00	6,801.46	6,938.84	6,737.82	26.57	25.02	-92.28	25.09	-1,270.21	636.12	586.47	49.65	12.811	
7,100.00	6,888.97	7,020.20	6,797.87	26.67	25.32	-86.13	24.66	-1,215.39	648.76	598.99	49.77	13.036	
7,200.00	6,968.03	7,100.00	6,849.51	26.85	25.75	-81.84	24.28	-1,154.63	660.73	610.57	50.16	13.171	
7,300.00	7,036.68	7,178.06	6,892.29	27.18	26.33	-78.68	23.95	-1,089.39	671.52	620.57	50.96	13.178	
7,400.00	7,093.25	7,255.24	6,926.43	27.71	27.06	-76.34	23.66	-1,020.22	680.70	628.51	52.19	13.044	
7,500.00	7,136.32	7,331.64	6,951.73	28.47	27.94	-74.67	23.42	-948.18	687.90	634.00	53.90	12.763	
7,600.00	7,164.85	7,407.51	6,968.15	29.48	28.94	-73.60	23.23	-874.16	692.88	636.83	56.05	12.362	
7,700.00	7,178.13	7,483.07	6,975.64	30.71	30.04	-73.09	23.10	-799.02	695.45	636.88	58.57	11.874	
7,800.00	7,180.41	7,579.24	6,977.81	32.13	31.61	-73.08	22.97	-702.87	696.04	634.47	61.56	11.306	
7,900.00	7,182.26	7,679.24	6,979.96	33.77	33.40	-73.12	22.83	-602.89	696.50	631.57	64.93	10.727	
8,000.00	7,184.10	7,779.24	6,982.11	35.60	35.34	-73.16	22.70	-502.92	696.97	628.35	68.62	10.157	
8,100.00	7,185.95	7,879.24	6,984.26	37.58	37.43	-73.19	22.57	-402.94	697.44	624.87	72.57	9.611	
8,200.00	7,187.80	7,979.24	6,986.41	39.69	39.62	-73.23	22.43	-302.97	697.90	621.16	76.75	9.094	
8,300.00	7,189.64	8,079.23	6,988.56	41.91	41.91	-73.27	22.30	-203.00	698.37	617.26	81.11	8.610	
8,400.00	7,191.49	8,179.23	6,990.70	44.22	44.28	-73.30	22.16	-103.02	698.84	613.20	85.64	8.160	
8,500.00	7,193.34	8,279.23	6,992.85	46.61	46.72	-73.34	22.03	-3.05	699.31	609.00	90.31	7.744	
8,600.00	7,195.18	8,379.23	6,995.00	49.07	49.22	-73.38	21.90	96.93	699.78	604.68	95.09	7.359	
8,700.00	7,197.03	8,479.22	6,997.15	51.58	51.76	-73.42	21.76	196.90	700.24	600.27	99.98	7.004	
8,800.00	7,198.88	8,579.22	6,999.30	54.14	54.35	-73.45	21.63	296.88	700.71	595.77	104.95	6.677	
8,900.00	7,200.73	8,679.22	7,001.45	56.74	56.97	-73.49	21.49	396.85	701.18	591.19	109.99	6.375	
9,000.00	7,202.57	8,779.22	7,003.59	59.37	59.63	-73.53	21.36	496.83	701.65	586.55	115.11	6.096	
9,100.00	7,204.42	8,879.22	7,005.74	62.04	62.31	-73.56	21.22	596.80	702.12	581.85	120.28	5.838	
9,200.00	7,206.27	8,979.21	7,007.89	64.73	65.02	-73.60	21.09	696.78	702.59	577.10	125.50	5.598	
9,300.00	7,208.11	9,079.21	7,010.04	67.44	67.75	-73.64	20.96	796.75	703.06	572.30	130.76	5.377	
9,400.00	7,209.96	9,179.21	7,012.19	70.18	70.50	-73.68	20.82	896.73	703.54	567.47	136.07	5.170	
9,500.00	7,211.81	9,279.21	7,014.34	72.93	73.26	-73.71	20.69	996.70	704.01	562.60	141.41	4.979	
9,600.00	7,213.65	9,379.21	7,016.48	75.70	76.04	-73.75	20.55	1,096.68	704.48	557.70	146.78	4.800	
9,700.00	7,215.50	9,479.20	7,018.63	78.49	78.84	-73.79	20.42	1,196.65	704.95	552.77	152.18	4.632	
9,800.00	7,217.35	9,579.20	7,020.78	81.29	81.64	-73.82	20.29	1,296.63	705.42	547.81	157.61	4.476	
9,900.00	7,219.20	9,679.20	7,022.93	84.09	84.46	-73.86	20.15	1,396.60	705.89	542.83	163.06	4.329	
10,000.00	7,221.04	9,779.20	7,025.08	86.91	87.28	-73.90	20.02	1,496.57	706.37	537.84	168.53	4.191	
10,100.00	7,222.89	9,879.19	7,027.23	89.74	90.12	-73.93	19.88	1,596.55	706.84	532.82	174.02	4.062	
10,200.00	7,224.74	9,979.19	7,029.37	92.58	92.96	-73.97	19.75	1,696.52	707.31	527.78	179.53	3.940	
10,300.00	7,226.58	10,079.19	7,031.52	95.43	95.81	-74.00	19.62	1,796.50	707.79	522.73	185.06	3.825	
10,400.00	7,228.43	10,179.19	7,033.67	98.28	98.67	-74.04	19.48	1,896.47	708.26	517.66	190.60	3.716	
10,500.00	7,230.28	10,279.19	7,035.82	101.14	101.53	-74.08	19.35	1,996.45	708.73	512.58	196.15	3.613	
10,600.00	7,232.12	10,379.18	7,037.97	104.00	104.40	-74.11	19.21	2,096.42	709.21	507.49	201.72	3.516	
10,700.00	7,233.97	10,479.18	7,040.12	106.87	107.27	-74.15	19.08	2,196.40	709.68	502.38	207.30	3.423	
10,800.00	7,235.82	10,579.18	7,042.26	109.75	110.15	-74.19	18.95	2,296.37	710.16	497.27	212.89	3.336	
10,900.00	7,237.66	10,679.18	7,044.41	112.63	113.03	-74.22	18.81	2,396.35	710.63	492.14	218.49	3.252	
11,000.00	7,239.51	10,779.18	7,046.56	115.51	115.92	-74.26	18.68	2,496.32	711.11	487.00	224.11	3.173	
11,100.00	7,241.36	10,879.17	7,048.71	118.40	118.81	-74.29	18.54	2,596.30	711.59	481.86	229.73	3.098	
11,200.00	7,243.21	10,979.17	7,050.86	121.29	121.70	-74.33	18.41	2,696.27	712.06	476.71	235.36	3.025	
11,300.00	7,245.05	11,079.17	7,053.01	124.19	124.60	-74.37	18.28	2,796.25	712.54	471.55	240.99	2.957	
11,400.00	7,246.90	11,179.17	7,055.16	127.09	127.50	-74.40	18.14	2,896.22	713.01	466.38	246.64	2.891	
11,500.00	7,248.75	11,279.17	7,057.30	129.99	130.40	-74.44	18.01	2,996.20	713.49	461.20	252.29	2.828	
11,600.00	7,250.59	11,379.16	7,059.45	132.89	133.31	-74.47	17.87	3,096.17	713.97	456.02	257.95	2.768	
11,700.00	7,252.44	11,479.16	7,061.60	135.80	136.22	-74.51	17.74	3,196.14	714.45	450.83	263.62	2.710	
11,800.00	7,254.29	11,579.16	7,063.75	138.71	139.13	-74.55	17.60	3,296.12	714.92	445.64	269.29	2.655	
11,900.00	7,256.13	11,679.16	7,065.90	141.62	142.04	-74.58	17.47	3,396.09	715.40	440.44	274.97	2.602	
12,000.00	7,257.98	11,779.15	7,068.05	144.54	144.95	-74.62	17.34	3,496.07	715.88	435.23	280.65	2.551	
12,100.00	7,259.83	11,879.15	7,070.19	147.45	147.87	-74.65	17.20	3,596.04	716.36	430.02	286.34	2.502	
12,200.00	7,261.67	11,979.15	7,072.34	150.37	150.79	-74.69	17.07	3,696.02	716.84	424.80	292.04	2.455	
12,300.00	7,263.52	12,079.15	7,074.49	153.29	153.71	-74.72	16.93	3,795.99	717.32	419.58	297.74	2.409	
12,400.00	7,265.37	12,179.15	7,076.64	156.21	156.63	-74.76	16.80	3,895.97	717.80	414.36	303.44	2.366	
12,500.00	7,267.22	12,279.14	7,078.79	159.13	159.55	-74.79	16.67	3,995.94	718.28	409.13	309.15	2.323	
12,600.00	7,269.06	12,379.14	7,080.94	162.06	162.48	-74.83	16.53	4,095.92	718.76	403.89	314.86	2.283	
12,700.00	7,270.91	12,479.14	7,083.08	164.98	165.40	-74.86	16.40	4,195.89	719.24	398.66	320.58	2.244	
12,800.00	7,272.76	12,579.14	7,085.23	167.91	168.33	-74.90	16.26	4,295.87	719.72	393.41	326.30	2.206	
12,900.00	7,274.60	12,679.14	7,087.38	170.84	171.26	-74.93	16.13	4,395.84	720.20	388.17	332.03	2.169	
13,000.00	7,276.45	12,779.13	7,089.53	173.77	174.19	-74.97	16.00	4,495.82	720.68	382.92	337.76	2.134	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-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	
13,100.00	7,278.30	12,879.13	7,091.68	176.70	177.12	-75.00	15.86	4,595.79	721.16	377.67	343.49	2.099	
13,200.00	7,280.14	12,979.13	7,093.83	179.63	180.05	-75.04	15.73	4,695.77	721.64	372.41	349.23	2.066	
13,300.00	7,281.99	13,079.13	7,095.97	182.57	182.98	-75.07	15.59	4,795.74	722.12	367.15	354.97	2.034	
13,400.00	7,283.84	13,179.12	7,098.12	185.50	185.92	-75.11	15.46	4,895.71	722.61	361.89	360.71	2.003	
13,500.00	7,285.69	13,279.12	7,100.27	188.44	188.85	-75.14	15.33	4,995.69	723.09	356.63	366.46	1.973	
13,600.00	7,287.53	13,379.12	7,102.42	191.37	191.79	-75.18	15.19	5,095.66	723.57	351.36	372.21	1.944	
13,700.00	7,289.38	13,479.12	7,104.57	194.31	194.72	-75.21	15.06	5,195.64	724.05	346.09	377.97	1.916	
13,800.00	7,291.23	13,579.12	7,106.72	197.24	197.66	-75.22	14.92	5,295.61	723.56	339.88	383.68	1.886	
13,900.00	7,293.07	13,679.11	7,108.86	200.17	200.60	-75.23	14.79	5,395.59	722.84	333.45	389.40	1.856	
14,000.00	7,294.92	13,779.11	7,111.01	203.11	203.54	-75.23	14.66	5,495.56	722.13	327.01	395.11	1.828	
14,100.00	7,296.77	13,879.11	7,113.16	206.04	206.48	-75.24	14.52	5,595.54	721.41	320.58	400.83	1.800	
14,200.00	7,298.61	13,979.11	7,115.31	208.98	209.42	-75.25	14.39	5,695.51	720.69	314.14	406.55	1.773	
14,300.00	7,300.46	14,079.10	7,117.46	211.92	212.36	-75.26	14.25	5,795.48	719.98	307.70	412.28	1.746	
14,400.00	7,302.31	14,179.10	7,119.61	214.86	215.30	-75.27	14.12	5,895.46	719.26	301.26	418.00	1.721	
14,500.00	7,304.15	14,279.10	7,121.76	217.80	218.24	-75.28	13.98	5,995.43	718.55	294.82	423.73	1.696	
14,600.00	7,306.00	14,379.09	7,123.90	220.74	221.18	-75.29	13.85	6,095.41	717.83	288.37	429.46	1.671	
14,700.00	7,307.85	14,479.09	7,126.05	223.68	224.13	-75.30	13.72	6,195.38	717.12	281.93	435.19	1.648	
14,800.00	7,309.70	14,579.09	7,128.20	226.62	227.07	-75.31	13.58	6,295.36	716.40	275.48	440.92	1.625	
14,900.00	7,311.54	14,679.09	7,130.35	229.56	230.01	-75.32	13.45	6,395.33	715.68	269.03	446.65	1.602	
15,000.00	7,313.39	14,779.08	7,132.50	232.50	232.96	-75.33	13.31	6,495.30	714.97	262.58	452.38	1.580	
15,100.00	7,315.24	14,879.08	7,134.65	235.44	235.90	-75.34	13.18	6,595.28	714.25	256.13	458.12	1.559	
15,200.00	7,317.08	14,979.08	7,136.79	238.39	238.85	-75.35	13.05	6,695.25	713.54	249.68	463.86	1.538	
15,300.00	7,318.93	15,079.08	7,138.94	241.33	241.79	-75.36	12.91	6,795.23	712.82	243.23	469.60	1.518	
15,400.00	7,320.78	15,179.07	7,141.09	244.27	244.74	-75.37	12.78	6,895.20	712.11	236.77	475.34	1.498 Level 3	
15,500.00	7,322.62	15,279.07	7,143.24	247.22	247.69	-75.38	12.64	6,995.17	711.39	230.31	481.08	1.479 Level 3	
15,600.00	7,324.47	15,379.07	7,145.39	250.16	250.63	-75.39	12.51	7,095.15	710.67	223.86	486.82	1.460 Level 3	
15,700.00	7,326.32	15,479.07	7,147.54	253.11	253.58	-75.40	12.38	7,195.12	709.96	217.40	492.56	1.441 Level 3	
15,800.00	7,328.16	15,579.06	7,149.68	256.05	256.53	-75.41	12.24	7,295.10	709.24	210.94	498.31	1.423 Level 3	
15,900.00	7,330.01	15,679.06	7,151.83	259.00	259.48	-75.42	12.11	7,395.07	708.53	204.48	504.05	1.406 Level 3	
16,000.00	7,331.86	15,779.06	7,153.98	261.94	262.43	-75.43	11.97	7,495.05	707.81	198.01	509.80	1.388 Level 3	
16,100.00	7,333.70	15,879.06	7,156.13	264.89	265.37	-75.44	11.84	7,595.02	707.10	191.55	515.55	1.372 Level 3	
16,200.00	7,335.55	15,979.05	7,158.28	267.84	268.32	-75.45	11.71	7,694.99	706.38	185.08	521.30	1.355 Level 3	
16,300.00	7,337.40	16,079.05	7,160.43	270.78	271.27	-75.47	11.57	7,794.97	705.67	178.62	527.05	1.339 Level 3	
16,400.00	7,339.25	16,179.05	7,162.57	273.73	274.22	-75.48	11.44	7,894.94	704.95	172.15	532.80	1.323 Level 3	
16,500.00	7,341.09	16,279.04	7,164.72	276.68	277.17	-75.49	11.30	7,994.92	704.24	165.68	538.55	1.308 Level 3	
16,600.00	7,342.94	16,379.04	7,166.87	279.62	280.12	-75.50	11.17	8,094.89	703.52	159.21	544.31	1.293 Level 3	
16,700.00	7,344.79	16,479.04	7,169.02	282.57	283.07	-75.51	11.04	8,194.87	702.80	152.74	550.06	1.278 Level 3	
16,800.00	7,346.63	16,579.04	7,171.17	285.52	286.02	-75.52	10.90	8,294.84	702.09	146.27	555.82	1.263 Level 3	
16,900.00	7,348.48	16,679.03	7,173.32	288.47	288.97	-75.53	10.77	8,394.81	701.37	139.80	561.57	1.249 Level 2	
17,000.00	7,350.33	16,779.03	7,175.46	291.42	291.93	-75.54	10.63	8,494.79	700.66	133.33	567.33	1.235 Level 2	
17,100.00	7,352.17	16,879.03	7,177.61	294.37	294.88	-75.55	10.50	8,594.76	699.94	126.85	573.09	1.221 Level 2	
17,200.00	7,354.02	16,979.03	7,179.76	297.32	297.83	-75.56	10.37	8,694.74	699.23	120.38	578.85	1.208 Level 2	
17,300.00	7,355.87	17,079.02	7,181.91	300.27	300.78	-75.57	10.23	8,794.71	698.51	113.90	584.61	1.195 Level 2	
17,400.00	7,357.71	17,179.02	7,184.06	303.22	303.73	-75.58	10.10	8,894.68	697.80	107.43	590.37	1.182 Level 2	
17,500.00	7,359.56	17,279.02	7,186.21	306.17	306.68	-75.59	9.96	8,994.66	697.08	100.95	596.13	1.169 Level 2	
17,600.00	7,361.41	17,379.02	7,188.35	309.12	309.64	-75.60	9.83	9,094.63	696.37	94.47	601.90	1.157 Level 2	
17,682.15	7,362.93	17,461.17	7,190.12	311.54	312.06	-75.61	9.72	9,176.76	695.78	89.15	606.63	1.147 Level 2, SF	
17,686.20	7,363.00	17,455.61	7,190.00	311.66	311.90	-75.61	9.73	9,171.21	695.82	89.27	606.54	1.147 Level 2	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-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
0.00	0.00	0.00	0.00	3.28	3.28	0.48	99.82	0.84	99.82				
100.00	100.00	100.00	100.00	3.28	3.28	0.48	99.82	0.84	99.82	92.29	7.53	13.261	
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189	
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189	CC, ES
300.00	300.00	299.59	299.59	3.34	3.34	112.46	99.92	0.42	100.09	92.44	7.65	13.081	
400.00	399.93	398.73	398.67	3.40	3.41	112.35	100.76	-2.91	102.25	94.48	7.77	13.159	
500.00	499.68	497.77	497.46	3.49	3.49	112.13	102.44	-9.55	106.55	98.62	7.94	13.425	
600.00	599.13	596.64	595.80	3.59	3.60	111.83	104.96	-19.47	113.00	104.85	8.16	13.853	
700.00	698.15	695.28	693.49	3.74	3.74	111.46	108.29	-32.65	121.59	113.15	8.44	14.407	
800.00	796.63	793.62	790.36	3.92	3.92	111.06	112.43	-49.02	132.30	123.50	8.79	15.044	
900.00	894.44	891.59	886.24	4.15	4.14	110.63	117.37	-68.52	145.11	135.87	9.23	15.718	
1,000.00	991.48	989.50	981.34	4.44	4.40	110.27	123.08	-91.08	159.94	150.17	9.76	16.381	
1,100.00	1,088.28	1,088.30	1,077.08	4.76	4.71	110.16	129.06	-114.74	175.37	165.00	10.37	16.906	
1,200.00	1,185.07	1,187.10	1,172.82	5.12	5.05	110.08	135.05	-138.40	190.81	179.77	11.04	17.286	
1,300.00	1,281.86	1,285.91	1,268.56	5.50	5.41	110.01	141.04	-162.06	206.24	194.49	11.75	17.555	
1,400.00	1,378.66	1,384.71	1,364.30	5.89	5.79	109.94	147.02	-185.72	221.68	209.18	12.49	17.742	
1,500.00	1,475.45	1,483.51	1,460.04	6.31	6.18	109.89	153.01	-209.37	237.11	223.84	13.27	17.866	
1,600.00	1,572.24	1,582.31	1,555.78	6.73	6.59	109.84	159.00	-233.03	252.55	238.48	14.07	17.945	
1,700.00	1,669.03	1,681.11	1,651.52	7.17	7.00	109.80	164.98	-256.69	267.99	253.09	14.90	17.991	
1,800.00	1,765.83	1,779.91	1,747.26	7.42	7.27	109.76	170.97	-280.35	283.42	268.23	15.19	18.661	
1,900.00	1,862.62	1,878.71	1,843.00	7.49	7.38	109.72	176.95	-304.01	298.86	283.68	15.18	19.682	
2,000.00	1,959.41	1,977.51	1,938.74	7.59	7.47	109.69	182.94	-327.66	314.30	298.92	15.37	20.443	
2,100.00	2,056.21	2,076.31	2,034.48	7.73	7.60	109.67	188.93	-351.32	329.73	314.11	15.62	21.105	
2,200.00	2,153.00	2,175.12	2,130.22	7.90	7.75	109.64	194.91	-374.98	345.17	329.24	15.93	21.669	
2,300.00	2,249.79	2,273.92	2,225.96	8.10	7.93	109.62	200.90	-398.64	360.61	344.32	16.29	22.139	
2,400.00	2,346.58	2,372.72	2,321.70	8.32	8.13	109.60	206.89	-422.30	376.05	359.35	16.70	22.522	
2,500.00	2,443.38	2,471.52	2,417.44	8.56	8.36	109.58	212.87	-445.96	391.48	374.33	17.15	22.825	
2,600.00	2,540.17	2,570.32	2,513.18	8.83	8.61	109.56	218.86	-469.61	406.92	389.27	17.65	23.058	
2,700.00	2,636.96	2,669.12	2,608.92	9.12	8.88	109.54	224.85	-493.27	422.36	404.17	18.18	23.228	
2,800.00	2,733.76	2,767.92	2,704.66	9.43	9.17	109.53	230.83	-516.93	437.79	419.04	18.75	23.344	
2,900.00	2,830.55	2,866.72	2,800.40	9.75	9.47	109.51	236.82	-540.59	453.23	433.87	19.36	23.414	
3,000.00	2,927.34	2,965.53	2,896.14	10.09	9.79	109.50	242.81	-564.25	468.67	448.68	19.99	23.446	
3,100.00	3,024.13	3,064.33	2,991.88	10.44	10.12	109.49	248.79	-587.90	484.11	463.46	20.65	23.446	
3,200.00	3,120.93	3,163.13	3,087.62	10.81	10.47	109.47	254.78	-611.56	499.54	478.21	21.33	23.420	
3,300.00	3,217.72	3,261.93	3,183.36	11.18	10.82	109.46	260.76	-635.22	514.98	492.95	22.03	23.373	
3,400.00	3,314.51	3,360.73	3,279.10	11.57	11.19	109.45	266.75	-658.88	530.42	507.66	22.76	23.308	
3,500.00	3,411.31	3,459.53	3,374.84	11.96	11.56	109.44	272.74	-682.54	545.86	522.36	23.50	23.230	
3,600.00	3,508.10	3,558.33	3,470.58	12.36	11.94	109.43	278.72	-706.19	561.29	537.04	24.25	23.141	
3,700.00	3,604.89	3,657.13	3,566.32	12.77	12.33	109.42	284.71	-729.85	576.73	551.70	25.03	23.045	
3,800.00	3,701.69	3,755.93	3,662.06	13.19	12.73	109.42	290.70	-753.51	592.17	566.36	25.81	22.942	
3,900.00	3,798.48	3,854.74	3,757.80	13.61	13.13	109.41	296.68	-777.17	607.61	581.00	26.61	22.835	
4,000.00	3,895.27	3,953.54	3,853.54	14.04	13.54	109.40	302.67	-800.83	623.04	595.63	27.42	22.725	
4,100.00	3,992.06	4,052.34	3,949.28	14.47	13.95	109.39	308.66	-824.49	638.48	610.25	28.23	22.614	
4,200.00	4,088.86	4,151.14	4,045.02	14.91	14.37	109.39	314.64	-848.14	653.92	624.86	29.06	22.502	
4,300.00	4,185.65	4,249.94	4,140.76	15.35	14.79	109.38	320.63	-871.80	669.36	639.46	29.90	22.389	
4,400.00	4,282.44	4,348.74	4,236.50	15.80	15.22	109.37	326.62	-895.46	684.79	654.05	30.74	22.277	
4,500.00	4,379.24	4,447.54	4,332.24	16.25	15.65	109.37	332.60	-919.12	700.23	668.64	31.59	22.167	
4,600.00	4,476.03	4,546.34	4,427.98	16.70	16.08	109.36	338.59	-942.78	715.67	683.22	32.45	22.057	
4,700.00	4,572.82	4,645.15	4,523.72	17.16	16.51	109.36	344.57	-966.43	731.11	697.80	33.31	21.950	
4,800.00	4,669.61	4,743.95	4,619.46	17.62	16.95	109.35	350.56	-990.09	746.54	712.37	34.18	21.844	
4,900.00	4,766.41	4,842.75	4,715.20	18.08	17.39	109.34	356.55	-1,013.75	761.98	726.93	35.05	21.740	
5,000.00	4,863.20	4,941.55	4,810.94	18.54	17.84	109.34	362.53	-1,037.41	777.42	741.49	35.93	21.638	
5,100.00	4,959.99	5,040.35	4,906.68	19.01	18.28	109.34	368.52	-1,061.07	792.86	756.05	36.81	21.539	
5,200.00	5,056.79	5,139.15	5,002.42	19.47	18.73	109.33	374.51	-1,084.73	808.29	770.60	37.70	21.442	
5,300.00	5,153.58	5,237.95	5,098.16	19.94	19.18	109.33	380.49	-1,108.38	823.73	785.15	38.59	21.348	
5,400.00	5,250.37	5,336.75	5,193.90	20.41	19.63	109.32	386.48	-1,132.04	839.17	799.69	39.48	21.255	
5,500.00	5,347.16	5,435.56	5,289.64	20.89	20.08	109.32	392.47	-1,155.70	854.61	814.23	40.38	21.166	
5,600.00	5,443.96	5,534.36	5,385.38	21.36	20.54	109.31	398.45	-1,179.36	870.05	828.77	41.28	21.078	
5,700.00	5,540.75	5,633.16	5,481.12	21.84	20.99	109.31	404.44	-1,203.02	885.48	843.30	42.18	20.993	
5,800.00	5,637.54	5,731.96	5,576.86	22.31	21.45	109.31	410.43	-1,226.67	900.92	857.83	43.09	20.910	
5,900.00	5,734.34	5,830.76	5,672.60	22.79	21.91	109.30	416.41	-1,250.33	916.36	872.36	43.99	20.829	
6,000.00	5,831.13	5,929.56	5,768.34	23.27	22.37	109.30	422.40	-1,273.99	931.80	886.89	44.91	20.750	
6,100.00	5,927.92	6,028.36	5,864.08	23.75	22.83	109.30	428.38	-1,297.65	947.23	901.42	45.82	20.674	
6,200.00	6,024.71	6,127.16	5,959.82	24.23	23.29	109.29	434.37	-1,321.31	962.67	915.94	46.73	20.599	
6,300.00	6,121.51	6,225.96	6,055.56	24.72	23.75	109.29	440.36	-1,344.96	978.11	930.46	47.65	20.527	
6,400.00	6,218.30	6,324.77	6,151.30	25.20	24.22	109.29	446.34	-1,368.62	993.55	944.98	48.57	20.456	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-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
6,500.00	6,315.09	6,423.57	6,247.04	25.68	24.68	109.28	452.33	-1,392.28	1,008.98	959.49	49.49	20.388	
6,600.00	6,411.92	6,529.66	6,351.10	26.15	24.96	111.89	458.63	-1,411.38	1,024.13	973.91	50.22	20.393	
6,700.00	6,510.45	6,635.06	6,456.20	26.34	25.10	149.57	464.43	-1,413.16	1,039.05	988.52	50.53	20.563	
6,800.00	6,609.83	6,738.43	6,558.22	26.45	25.17	-133.17	469.53	-1,398.03	1,053.82	1,003.13	50.69	20.791	
6,900.00	6,707.64	6,839.87	6,654.69	26.51	25.25	-108.09	473.83	-1,367.34	1,068.07	1,017.28	50.79	21.029	
7,000.00	6,801.46	6,939.52	6,743.58	26.57	25.38	-98.87	477.28	-1,322.65	1,081.45	1,030.50	50.95	21.226	
7,100.00	6,888.97	7,037.51	6,823.17	26.67	25.61	-93.76	479.83	-1,265.71	1,093.63	1,042.36	51.27	21.331	
7,200.00	6,968.03	7,134.00	6,892.13	26.85	26.00	-90.33	481.46	-1,198.38	1,104.27	1,052.41	51.86	21.292	
7,300.00	7,036.68	7,229.12	6,949.43	27.18	26.58	-87.86	482.19	-1,122.56	1,113.12	1,060.29	52.83	21.068	
7,400.00	7,093.25	7,322.99	6,994.31	27.71	27.39	-86.04	482.03	-1,040.21	1,119.93	1,065.67	54.26	20.640	
7,500.00	7,136.32	7,415.75	7,026.32	28.47	28.41	-84.74	481.03	-953.25	1,124.52	1,068.35	56.17	20.021	
7,600.00	7,164.85	7,507.49	7,045.24	29.48	29.62	-83.89	479.22	-863.58	1,126.75	1,068.22	58.52	19.253	
7,700.00	7,178.13	7,600.15	7,051.40	30.71	30.99	-83.48	476.63	-771.22	1,126.54	1,065.28	61.25	18.391	
7,800.00	7,180.41	7,700.12	7,053.50	32.13	32.65	-83.49	473.57	-671.32	1,124.27	1,059.83	64.45	17.445	
7,900.00	7,182.26	7,800.10	7,055.61	33.77	34.49	-83.49	470.52	-571.42	1,121.92	1,053.91	68.01	16.496	
8,000.00	7,184.10	7,900.07	7,057.71	35.60	36.47	-83.49	467.47	-471.51	1,119.56	1,047.67	71.89	15.574	
8,100.00	7,185.95	8,000.04	7,059.81	37.58	38.59	-83.49	464.41	-371.61	1,117.21	1,041.18	76.03	14.695	
8,200.00	7,187.80	8,100.01	7,061.91	39.69	40.81	-83.49	461.36	-271.71	1,114.85	1,034.47	80.39	13.869	
8,300.00	7,189.64	8,200.02	7,064.01	41.91	43.13	-83.49	458.30	-171.80	1,112.50	1,027.56	84.94	13.098	
8,400.00	7,191.49	8,300.04	7,066.12	44.22	45.52	-83.49	455.25	-71.90	1,110.14	1,020.50	89.65	12.384	
8,500.00	7,193.34	8,400.07	7,068.22	46.61	47.98	-83.49	452.20	28.00	1,107.79	1,013.30	94.49	11.724	
8,600.00	7,195.18	8,500.10	7,070.32	49.07	50.49	-83.49	449.14	127.91	1,105.43	1,005.98	99.45	11.116	
8,700.00	7,197.03	8,600.13	7,072.42	51.58	53.05	-83.49	446.09	227.81	1,103.08	998.57	104.51	10.555	
8,800.00	7,198.88	8,700.15	7,074.52	54.14	55.65	-83.49	443.04	327.71	1,100.72	991.07	109.65	10.039	
8,900.00	7,200.73	8,799.82	7,076.63	56.74	58.28	-83.48	439.98	427.62	1,098.37	983.51	114.86	9.563	
9,000.00	7,202.57	8,900.21	7,078.73	59.37	60.96	-83.48	436.93	527.52	1,096.01	975.87	120.15	9.122	
9,100.00	7,204.42	9,000.24	7,080.83	62.04	63.66	-83.48	433.88	627.42	1,093.66	968.17	125.48	8.716	
9,200.00	7,206.27	9,100.27	7,082.93	64.73	66.37	-83.48	430.82	727.33	1,091.30	960.43	130.87	8.339	
9,300.00	7,208.11	9,199.71	7,085.03	67.44	69.10	-83.48	427.77	827.23	1,088.95	952.67	136.28	7.991	
9,400.00	7,209.96	9,300.32	7,087.14	70.18	71.87	-83.48	424.72	927.14	1,086.59	944.83	141.76	7.665	
9,500.00	7,211.81	9,400.35	7,089.24	72.93	74.65	-83.48	421.66	1,027.04	1,084.23	936.97	147.26	7.363	
9,600.00	7,213.65	9,500.38	7,091.34	75.70	77.44	-83.48	418.61	1,126.94	1,081.88	929.09	152.79	7.081	
9,700.00	7,215.50	9,600.40	7,093.44	78.49	80.24	-83.48	415.56	1,226.85	1,079.52	921.18	158.35	6.817	
9,800.00	7,217.35	9,700.43	7,095.54	81.29	83.05	-83.48	412.50	1,326.75	1,077.17	913.24	163.93	6.571	
9,900.00	7,219.20	9,800.46	7,097.65	84.09	85.88	-83.48	409.45	1,426.65	1,074.81	905.28	169.53	6.340	
10,000.00	7,221.04	9,900.49	7,099.75	86.91	88.71	-83.48	406.40	1,526.56	1,072.46	897.30	175.15	6.123	
10,100.00	7,222.89	10,000.52	7,101.85	89.74	91.55	-83.48	403.34	1,626.46	1,070.10	889.31	180.80	5.919	
10,200.00	7,224.74	10,100.54	7,103.95	92.58	94.40	-83.48	400.29	1,726.36	1,067.75	881.30	186.45	5.727	
10,300.00	7,226.58	10,200.57	7,106.05	95.43	97.26	-83.48	397.24	1,826.27	1,065.39	873.27	192.12	5.545	
10,400.00	7,228.43	10,300.60	7,108.16	98.28	100.13	-83.48	394.18	1,926.17	1,063.04	865.23	197.81	5.374	
10,500.00	7,230.28	10,400.63	7,110.26	101.14	103.00	-83.47	391.13	2,026.07	1,060.68	857.18	203.51	5.212	
10,600.00	7,232.12	10,500.65	7,112.36	104.00	105.87	-83.47	388.08	2,125.98	1,058.33	849.11	209.22	5.059	
10,700.00	7,233.97	10,600.68	7,114.46	106.87	108.76	-83.47	385.02	2,225.88	1,055.97	841.04	214.94	4.913	
10,800.00	7,235.82	10,700.71	7,116.56	109.75	111.64	-83.47	381.97	2,325.78	1,053.62	832.95	220.66	4.775	
10,900.00	7,237.66	10,800.74	7,118.67	112.63	114.53	-83.47	378.92	2,425.69	1,051.26	824.86	226.40	4.643	
11,000.00	7,239.51	10,900.77	7,120.77	115.51	117.43	-83.47	375.86	2,525.59	1,048.91	816.76	232.15	4.518	
11,100.00	7,241.36	11,000.79	7,122.87	118.40	120.33	-83.47	372.81	2,625.49	1,046.55	808.65	237.90	4.399	
11,200.00	7,243.21	11,100.82	7,124.97	121.29	123.23	-83.47	369.76	2,725.40	1,044.20	800.53	243.66	4.285	
11,300.00	7,245.05	11,200.85	7,127.07	124.19	126.13	-83.47	366.70	2,825.30	1,041.84	792.41	249.43	4.177	
11,400.00	7,246.90	11,300.88	7,129.18	127.09	129.04	-83.47	363.65	2,925.21	1,039.49	784.28	255.20	4.073	
11,500.00	7,248.75	11,400.90	7,131.28	129.99	131.95	-83.47	360.60	3,025.11	1,037.13	776.15	260.98	3.974	
11,600.00	7,250.59	11,500.93	7,133.38	132.89	134.87	-83.47	357.54	3,125.01	1,034.78	768.01	266.77	3.879	
11,700.00	7,252.44	11,600.96	7,135.48	135.80	137.78	-83.47	354.49	3,224.92	1,032.42	759.86	272.56	3.788	
11,800.00	7,254.29	11,699.01	7,137.58	138.71	140.64	-83.47	351.43	3,324.82	1,030.07	751.77	278.30	3.701	
11,900.00	7,256.13	11,801.01	7,139.68	141.62	143.62	-83.47	348.38	3,424.72	1,027.71	743.56	284.15	3.617	
12,000.00	7,257.98	11,901.04	7,141.79	144.54	146.54	-83.47	345.33	3,524.63	1,025.36	735.40	289.96	3.536	
12,100.00	7,259.83	12,001.07	7,143.89	147.45	149.47	-83.46	342.27	3,624.53	1,023.00	727.24	295.76	3.459	
12,200.00	7,261.67	12,101.10	7,145.99	150.37	152.39	-83.46	339.22	3,724.43	1,020.64	719.07	301.57	3.384	
12,300.00	7,263.52	12,201.13	7,148.09	153.29	155.32	-83.46	336.17	3,824.34	1,018.29	710.90	307.39	3.313	
12,400.00	7,265.37	12,301.15	7,150.19	156.21	158.25	-83.46	333.11	3,924.24	1,015.93	702.73	313.21	3.244	
12,500.00	7,267.22	12,401.18	7,152.30	159.13	161.18	-83.46	330.06	4,024.14	1,013.58	694.55	319.03	3.177	
12,600.00	7,269.06	12,501.21	7,154.40	162.06	164.12	-83.46	327.01	4,124.05	1,011.22	686.37	324.85	3.113	
12,700.00	7,270.91	12,598.76	7,156.50	164.98	166.98	-83.46	323.95	4,223.95	1,008.87	678.26	330.60	3.052	
12,800.00	7,272.76	12,701.26	7,158.60	167.91	169.98	-83.46	320.90	4,323.85	1,006.51	670.01	336.51	2.991	
12,900.00	7,274.60	12,801.29	7,160.70	170.84	172.92	-83.46	317.85	4,423.76	1,004.16	661.82	342.34	2.933	
13,000.00	7												

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-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	
13,100.00	7,278.30	13,001.35	7,164.91	176.70	178.80	-83.46	311.74	4,623.56	999.45	645.44	354.01	2.823	
13,200.00	7,280.14	13,101.38	7,167.01	179.63	181.74	-83.46	308.69	4,723.47	997.09	637.25	359.85	2.771	
13,300.00	7,281.99	13,198.60	7,169.11	182.57	184.60	-83.46	305.63	4,823.37	994.74	629.13	365.60	2.721	
13,400.00	7,283.84	13,301.43	7,171.21	185.50	187.62	-83.46	302.58	4,923.28	992.38	620.85	371.53	2.671	
13,500.00	7,285.69	13,401.46	7,173.32	188.44	190.56	-83.45	299.53	5,023.18	990.03	612.66	377.37	2.623	
13,600.00	7,287.53	13,501.49	7,175.42	191.37	193.51	-83.45	296.47	5,123.08	987.67	604.45	383.22	2.577	
13,700.00	7,289.38	13,601.51	7,177.52	194.31	196.45	-83.45	293.42	5,222.99	985.32	596.25	389.07	2.533	
13,800.00	7,291.23	13,701.57	7,179.62	197.24	199.40	-83.43	290.37	5,322.86	981.96	587.06	394.90	2.487	
13,900.00	7,293.07	13,777.60	7,181.29	200.17	201.63	-83.43	288.60	5,401.99	979.24	579.18	400.06	2.448	
13,956.64	7,294.12	13,819.89	7,182.18	201.83	202.87	-83.43	288.53	5,444.27	978.82	575.96	402.86	2.430	
14,000.00	7,294.92	13,852.26	7,182.86	203.11	203.81	-83.44	288.89	5,476.63	979.07	574.12	404.95	2.418	
14,100.00	7,296.77	13,926.87	7,184.44	206.04	205.98	-83.46	291.12	5,551.19	981.48	571.92	409.56	2.396	
14,200.00	7,298.61	14,022.74	7,186.47	208.98	208.77	-83.50	295.60	5,646.93	985.57	570.38	415.19	2.374	
14,300.00	7,300.46	14,122.65	7,188.58	211.92	211.68	-83.55	300.30	5,746.71	989.69	568.65	421.04	2.351	
14,400.00	7,302.31	14,222.57	7,190.69	214.86	214.59	-83.59	305.00	5,846.49	993.81	566.92	426.90	2.328	
14,500.00	7,304.15	14,322.48	7,192.80	217.80	217.51	-83.63	309.70	5,946.27	997.94	565.18	432.75	2.306	
14,600.00	7,306.00	14,422.39	7,194.91	220.74	220.42	-83.67	314.40	6,046.05	1,002.06	563.45	438.61	2.285	
14,700.00	7,307.85	14,522.30	7,197.03	223.68	223.34	-83.71	319.10	6,145.83	1,006.18	561.71	444.47	2.264	
14,800.00	7,309.70	14,622.21	7,199.14	226.62	226.25	-83.76	323.80	6,245.61	1,010.30	559.97	450.33	2.243	
14,900.00	7,311.54	14,722.13	7,201.25	229.56	229.17	-83.80	328.50	6,345.39	1,014.43	558.23	456.20	2.224	
15,000.00	7,313.39	14,822.04	7,203.36	232.50	232.09	-83.84	333.20	6,445.17	1,018.55	556.49	462.06	2.204	
15,100.00	7,315.24	14,921.95	7,205.48	235.44	235.00	-83.88	337.90	6,544.95	1,022.68	554.75	467.92	2.186	
15,200.00	7,317.08	15,021.86	7,207.59	238.39	237.92	-83.92	342.60	6,644.73	1,026.80	553.01	473.79	2.167	
15,300.00	7,318.93	15,121.78	7,209.70	241.33	240.84	-83.96	347.30	6,744.51	1,030.93	551.27	479.66	2.149	
15,400.00	7,320.78	15,221.69	7,211.81	244.27	243.76	-83.99	352.00	6,844.29	1,035.06	549.53	485.53	2.132	
15,500.00	7,322.62	15,321.60	7,213.92	247.22	246.68	-84.03	356.70	6,944.07	1,039.18	547.78	491.40	2.115	
15,600.00	7,324.47	15,421.51	7,216.04	250.16	249.60	-84.07	361.40	7,043.85	1,043.31	546.04	497.27	2.098	
15,700.00	7,326.32	15,521.43	7,218.15	253.11	252.53	-84.11	366.10	7,143.63	1,047.44	544.30	503.14	2.082	
15,800.00	7,328.16	15,621.34	7,220.26	256.05	255.45	-84.15	370.80	7,243.40	1,051.57	542.55	509.02	2.066	
15,900.00	7,330.01	15,721.25	7,222.37	259.00	258.37	-84.19	375.50	7,343.18	1,055.70	540.81	514.89	2.050	
16,000.00	7,331.86	15,821.16	7,224.48	261.94	261.29	-84.22	380.20	7,442.96	1,059.83	539.06	520.76	2.035	
16,100.00	7,333.70	15,921.08	7,226.60	264.89	264.22	-84.26	384.90	7,542.74	1,063.96	537.31	526.64	2.020	
16,200.00	7,335.55	16,020.99	7,228.71	267.84	267.14	-84.30	389.60	7,642.52	1,068.09	535.57	532.52	2.006	
16,300.00	7,337.40	16,120.90	7,230.82	270.78	270.06	-84.33	394.30	7,742.30	1,072.22	533.82	538.40	1.991	
16,400.00	7,339.25	16,220.81	7,232.93	273.73	272.99	-84.37	399.00	7,842.08	1,076.35	532.07	544.28	1.978	
16,500.00	7,341.09	16,320.72	7,235.05	276.68	275.91	-84.41	403.70	7,941.86	1,080.48	530.32	550.16	1.964	
16,600.00	7,342.94	16,420.64	7,237.16	279.62	278.84	-84.44	408.40	8,041.64	1,084.61	528.57	556.04	1.951	
16,700.00	7,344.79	16,520.55	7,239.27	282.57	281.77	-84.48	413.10	8,141.42	1,088.74	526.83	561.92	1.938	
16,800.00	7,346.63	16,620.46	7,241.38	285.52	284.69	-84.51	417.80	8,241.20	1,092.88	525.08	567.80	1.925	
16,900.00	7,348.48	16,720.37	7,243.49	288.47	287.62	-84.55	422.50	8,340.98	1,097.01	523.33	573.68	1.912	
17,000.00	7,350.33	16,820.29	7,245.61	291.42	290.55	-84.58	427.20	8,440.76	1,101.14	521.58	579.57	1.900	
17,100.00	7,352.17	16,920.20	7,247.72	294.37	293.47	-84.62	431.90	8,540.54	1,105.28	519.83	585.45	1.888	
17,200.00	7,354.02	17,020.11	7,249.83	297.32	296.40	-84.65	436.60	8,640.32	1,109.41	518.08	591.33	1.876	
17,300.00	7,355.87	17,120.02	7,251.94	300.27	299.33	-84.68	441.30	8,740.10	1,113.55	516.33	597.22	1.865	
17,400.00	7,357.71	17,219.94	7,254.05	303.22	302.26	-84.72	446.00	8,839.88	1,117.68	514.57	603.11	1.853	
17,500.00	7,359.56	17,319.85	7,256.17	306.17	305.19	-84.75	450.70	8,939.65	1,121.82	512.82	608.99	1.842	
17,600.00	7,361.41	17,419.76	7,258.28	309.12	308.11	-84.78	455.40	9,039.43	1,125.95	511.07	614.88	1.831	
17,686.20	7,363.00	17,505.88	7,260.10	311.66	310.64	-84.81	459.45	9,125.44	1,129.52	509.56	619.96	1.822 SF	

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-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)	Offset Wellbore Centre +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	52.63	138.44	181.26	228.08						
100.00	100.00	103.00	97.00	3.28	3.28	52.63	138.44	181.26	228.08	220.55	7.53	30.300			
200.00	200.00	203.00	197.00	3.30	3.30	52.63	138.44	181.26	228.08	220.51	7.57	30.131	CC, ES		
200.00	200.00	203.00	197.00	3.30	3.30	52.63	138.44	181.26	228.08	220.51	7.57	30.131			
300.00	300.00	297.28	297.28	3.34	3.34	164.56	138.73	181.00	228.47	220.82	7.65	29.861			
400.00	399.93	397.76	397.69	3.40	3.41	163.93	141.28	178.73	231.60	223.82	7.77	29.795	SF		
500.00	499.68	497.87	497.57	3.49	3.50	162.69	146.44	174.13	237.91	229.97	7.94	29.955			
600.00	599.13	597.39	596.54	3.59	3.61	160.95	154.15	167.27	247.56	239.40	8.16	30.335			
700.00	698.15	703.93	694.27	3.74	3.76	158.83	164.31	158.21	260.70	252.25	8.45	30.868			
800.00	796.63	805.75	791.24	3.92	3.94	156.77	175.78	147.99	277.40	268.62	8.78	31.590			
900.00	894.44	908.05	887.74	4.15	4.14	155.17	187.19	137.82	297.50	288.33	9.17	32.441			
1,000.00	991.48	989.08	983.67	4.44	4.32	154.04	198.54	127.72	320.73	311.17	9.56	33.534			
1,100.00	1,088.28	1,086.00	1,079.40	4.76	4.54	153.27	209.86	117.63	344.95	334.94	10.02	34.442			
1,200.00	1,185.07	1,182.93	1,175.14	5.12	4.79	152.61	221.18	107.54	369.23	358.72	10.50	35.158			
1,300.00	1,281.86	1,279.86	1,270.87	5.50	5.04	152.02	232.50	97.46	393.54	382.52	11.02	35.715			
1,400.00	1,378.66	1,376.78	1,366.60	5.89	5.31	151.51	243.82	87.37	417.89	406.33	11.56	36.144			
1,500.00	1,475.45	1,473.71	1,462.33	6.31	5.58	151.05	255.14	77.28	442.26	430.14	12.13	36.468			
1,600.00	1,572.24	1,570.63	1,558.07	6.73	5.86	150.64	266.46	67.20	466.66	453.95	12.71	36.709			
1,700.00	1,669.03	1,667.56	1,653.80	7.17	6.15	150.27	277.78	57.11	491.08	477.77	13.31	36.885			
1,800.00	1,765.83	1,764.49	1,749.53	7.42	6.36	149.93	289.10	47.02	515.52	502.02	13.50	38.190			
1,900.00	1,862.62	1,861.41	1,845.26	7.49	6.44	149.63	300.42	36.94	539.97	526.52	13.45	40.143			
2,000.00	1,959.41	1,958.34	1,941.00	7.59	6.49	149.35	311.74	26.85	564.44	550.88	13.56	41.612			
2,100.00	2,056.21	2,055.26	2,036.73	7.73	6.56	149.10	323.07	16.76	588.92	575.20	13.72	42.932			
2,200.00	2,153.00	2,152.19	2,132.46	7.90	6.64	148.86	334.39	6.68	613.41	599.50	13.91	44.101			
2,300.00	2,249.79	2,249.12	2,228.20	8.10	6.75	148.64	345.71	-3.41	637.90	623.76	14.14	45.119			
2,400.00	2,346.58	2,346.04	2,323.93	8.32	6.87	148.44	357.03	-13.50	662.41	648.00	14.40	45.992			
2,500.00	2,443.38	2,442.97	2,419.66	8.56	7.00	148.26	368.35	-23.58	686.92	672.22	14.70	46.727			
2,600.00	2,540.17	2,539.89	2,515.39	8.83	7.15	148.08	379.67	-33.67	711.44	696.41	15.03	47.333			
2,700.00	2,636.96	2,636.82	2,611.13	9.12	7.31	147.92	390.99	-43.76	735.96	720.57	15.39	47.822			
2,800.00	2,733.76	2,733.75	2,706.86	9.43	7.49	147.77	402.31	-53.84	760.49	744.71	15.78	48.205			
2,900.00	2,830.55	2,830.67	2,802.59	9.75	7.68	147.63	413.63	-63.93	785.02	768.83	16.19	48.493			
3,000.00	2,927.34	2,927.60	2,898.32	10.09	7.87	147.49	424.95	-74.02	809.56	792.94	16.62	48.698			
3,100.00	3,024.13	3,024.52	2,994.06	10.44	8.08	147.37	436.27	-84.10	834.10	817.02	17.08	48.830			
3,200.00	3,120.93	3,121.45	3,089.79	10.81	8.30	147.25	447.60	-94.19	858.65	841.09	17.56	48.900			
3,300.00	3,217.72	3,218.38	3,185.52	11.18	8.53	147.14	458.92	-104.28	883.20	865.14	18.06	48.916			
3,400.00	3,314.51	3,315.30	3,281.26	11.57	8.76	147.03	470.24	-114.36	907.75	889.18	18.57	48.887			
3,500.00	3,411.31	3,412.23	3,376.99	11.96	9.01	146.93	481.56	-124.45	932.30	913.21	19.10	48.820			
3,600.00	3,508.10	3,509.15	3,472.72	12.36	9.26	146.84	492.88	-134.54	956.86	937.22	19.64	48.722			
3,700.00	3,604.89	3,606.08	3,568.45	12.77	9.51	146.75	504.20	-144.62	981.42	961.22	20.20	48.597			
3,800.00	3,701.69	3,703.01	3,664.19	13.19	9.77	146.66	515.52	-154.71	1,005.98	985.22	20.76	48.450			
3,900.00	3,798.48	3,800.07	3,759.92	13.61	10.04	146.58	526.84	-164.80	1,030.54	1,009.20	21.34	48.286			
4,000.00	3,895.27	3,903.14	3,855.65	14.04	10.33	146.50	538.16	-174.88	1,055.11	1,033.16	21.95	48.071			
4,100.00	3,992.06	4,006.22	3,951.38	14.47	10.63	146.43	549.48	-184.97	1,079.67	1,057.11	22.57	47.846			
4,200.00	4,088.86	4,109.29	4,047.12	14.91	10.93	146.36	560.80	-195.06	1,104.24	1,081.05	23.19	47.614			
4,300.00	4,185.65	4,187.64	4,142.85	15.35	11.16	146.29	572.13	-205.14	1,128.81	1,105.06	23.75	47.523			
4,400.00	4,282.44	4,284.56	4,238.58	15.80	11.45	146.22	583.45	-215.23	1,153.38	1,129.01	24.38	47.317			
4,500.00	4,379.24	4,381.49	4,334.31	16.25	11.74	146.16	594.77	-225.32	1,177.96	1,152.95	25.01	47.109			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - 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
0.00	0.00	3.00	-3.00	3.28	3.28	61.48	98.37	180.98	205.99				
100.00	100.00	103.00	97.00	3.28	3.28	61.48	98.37	180.98	205.99	198.46	7.53	27.365	
200.00	200.00	203.00	197.00	3.30	3.30	61.48	98.37	180.98	205.99	198.42	7.57	27.213	CC, ES
203.07	203.07	200.07	200.07	3.30	3.30	173.48	98.37	180.98	205.99	198.42	7.57	27.213	
300.00	300.00	298.88	298.88	3.34	3.34	173.39	98.57	180.62	206.21	198.55	7.65	26.950	
400.00	399.93	402.82	402.75	3.40	3.41	172.65	100.34	177.42	207.80	200.03	7.77	26.739	
500.00	499.68	506.54	506.20	3.49	3.50	171.18	103.93	170.94	211.04	203.10	7.94	26.591	
600.00	599.13	609.18	608.25	3.59	3.62	169.09	109.24	161.37	216.13	207.98	8.15	26.515	
700.00	698.15	708.54	706.91	3.74	3.76	167.06	114.94	151.08	224.36	215.95	8.42	26.659	
800.00	796.63	807.62	805.29	3.92	3.92	165.37	120.63	140.82	236.20	227.47	8.73	27.064	
900.00	894.44	906.29	903.27	4.15	4.10	164.04	126.29	130.60	251.53	242.45	9.08	27.693	
1,000.00	991.48	1,004.45	1,000.74	4.44	4.30	163.06	131.93	120.44	270.17	260.69	9.48	28.492	
1,100.00	1,088.28	1,102.43	1,098.03	4.76	4.51	162.34	137.55	110.29	289.85	279.95	9.90	29.270	
1,200.00	1,185.07	1,200.42	1,195.33	5.12	4.73	161.71	143.17	100.14	309.57	299.22	10.35	29.898	
1,300.00	1,281.86	1,301.60	1,292.62	5.50	4.97	161.16	148.80	90.00	329.32	318.48	10.84	30.379	
1,400.00	1,378.66	1,403.61	1,389.92	5.89	5.23	160.67	154.42	79.85	349.10	337.74	11.35	30.750	
1,500.00	1,475.45	1,494.37	1,487.21	6.31	5.46	160.23	160.05	69.70	368.90	357.04	11.86	31.110	
1,600.00	1,572.24	1,607.65	1,584.51	6.73	5.76	159.84	165.67	59.56	388.71	376.27	12.44	31.253	
1,700.00	1,669.03	1,709.66	1,681.80	7.17	6.02	159.49	171.30	49.41	408.54	395.55	12.99	31.444	
1,800.00	1,765.83	1,788.32	1,779.10	7.42	6.13	159.17	176.92	39.26	428.39	415.49	12.90	33.207	
1,900.00	1,862.62	1,886.31	1,876.39	7.49	6.18	158.87	182.55	29.11	448.25	435.27	12.98	34.545	
2,000.00	1,959.41	1,984.29	1,973.68	7.59	6.22	158.60	188.17	18.97	468.11	455.04	13.07	35.810	
2,100.00	2,056.21	2,082.27	2,070.98	7.73	6.28	158.36	193.80	8.82	487.99	474.79	13.21	36.954	
2,200.00	2,153.00	2,180.26	2,168.27	7.90	6.35	158.13	199.42	-1.33	507.88	494.50	13.37	37.977	
2,300.00	2,249.79	2,278.24	2,265.57	8.10	6.44	157.92	205.04	-11.47	527.77	514.19	13.58	38.876	
2,400.00	2,346.58	2,376.23	2,362.86	8.32	6.55	157.73	210.67	-21.62	547.66	533.85	13.81	39.657	
2,500.00	2,443.38	2,474.21	2,460.16	8.56	6.67	157.55	216.29	-31.77	567.57	553.49	14.08	40.323	
2,600.00	2,540.17	2,572.19	2,557.45	8.83	6.80	157.38	221.92	-41.92	587.48	573.11	14.37	40.881	
2,700.00	2,636.96	2,670.18	2,654.75	9.12	6.94	157.22	227.54	-52.06	607.39	592.70	14.69	41.340	
2,800.00	2,733.76	2,768.16	2,752.04	9.43	7.10	157.07	233.17	-62.21	627.31	612.27	15.04	41.708	
2,900.00	2,830.55	2,866.15	2,849.34	9.75	7.26	156.93	238.79	-72.36	647.23	631.82	15.41	41.995	
3,000.00	2,927.34	2,964.13	2,946.63	10.09	7.44	156.80	244.42	-82.50	667.15	651.35	15.81	42.209	
3,100.00	3,024.13	3,062.11	3,043.93	10.44	7.63	156.68	250.04	-92.65	687.08	670.86	16.22	42.360	
3,200.00	3,120.93	3,160.10	3,141.22	10.81	7.82	156.56	255.67	-102.80	707.01	690.36	16.65	42.454	
3,300.00	3,217.72	3,258.08	3,238.52	11.18	8.02	156.45	261.29	-112.94	726.95	709.84	17.10	42.500	
3,400.00	3,314.51	3,356.07	3,335.81	11.57	8.23	156.35	266.91	-123.09	746.88	729.31	17.57	42.505	
3,500.00	3,411.31	3,454.05	3,433.11	11.96	8.45	156.25	272.54	-133.24	766.82	748.77	18.05	42.475	
3,600.00	3,508.10	3,552.03	3,530.40	12.36	8.67	156.16	278.16	-143.39	786.76	768.21	18.55	42.415	
3,700.00	3,604.89	3,650.02	3,627.69	12.77	8.90	156.07	283.79	-153.53	806.70	787.64	19.06	42.330	
3,800.00	3,701.69	3,748.00	3,724.99	13.19	9.14	155.99	289.41	-163.68	826.65	807.07	19.58	42.225	
3,900.00	3,798.48	3,845.99	3,822.28	13.61	9.38	155.91	295.04	-173.83	846.59	826.48	20.11	42.103	
4,000.00	3,895.27	3,943.97	3,919.58	14.04	9.62	155.83	300.66	-183.97	866.54	845.89	20.65	41.967	
4,100.00	3,992.06	4,041.95	4,016.87	14.47	9.87	155.76	306.29	-194.12	886.49	865.29	21.20	41.820	
4,200.00	4,088.86	4,139.94	4,114.17	14.91	10.13	155.69	311.91	-204.27	906.44	884.68	21.76	41.664	
4,300.00	4,185.65	4,237.92	4,211.46	15.35	10.38	155.62	317.54	-214.42	926.39	904.06	22.32	41.502	
4,400.00	4,282.44	4,335.91	4,308.76	15.80	10.64	155.55	323.16	-224.56	946.34	923.44	22.89	41.334	
4,500.00	4,379.24	4,433.89	4,406.05	16.25	10.91	155.49	328.78	-234.71	966.29	942.82	23.47	41.164	
4,600.00	4,476.03	4,531.87	4,503.35	16.70	11.17	155.43	334.41	-244.86	986.25	962.18	24.06	40.990	
4,700.00	4,572.82	4,629.86	4,600.64	17.16	11.44	155.38	340.03	-255.00	1,006.20	981.55	24.65	40.816	
4,800.00	4,669.61	4,727.84	4,697.94	17.62	11.72	155.32	345.66	-265.15	1,026.16	1,000.91	25.25	40.641	
4,900.00	4,766.41	4,825.83	4,795.23	18.08	11.99	155.27	351.28	-275.30	1,046.11	1,020.26	25.85	40.467	
5,000.00	4,863.20	4,923.81	4,892.53	18.54	12.27	155.22	356.91	-285.45	1,066.07	1,039.61	26.46	40.293	
5,100.00	4,959.99	5,021.79	4,989.82	19.01	12.55	155.17	362.53	-295.59	1,086.03	1,058.96	27.07	40.121	
5,200.00	5,056.79	5,119.78	5,087.12	19.47	12.83	155.12	368.16	-305.74	1,105.99	1,078.30	27.68	39.950	
5,300.00	5,153.58	5,217.76	5,184.41	19.94	13.11	155.08	373.78	-315.89	1,125.95	1,097.65	28.30	39.782	
5,400.00	5,250.37	5,315.75	5,281.71	20.41	13.39	155.04	379.41	-326.03	1,145.91	1,116.98	28.93	39.616	
5,500.00	5,347.16	5,413.73	5,379.00	20.89	13.68	154.99	385.03	-336.18	1,165.87	1,136.32	29.55	39.453	
5,600.00	5,443.96	5,511.71	5,476.29	21.36	13.97	154.95	390.65	-346.33	1,185.83	1,155.65	30.18	39.292	
6,800.00	6,609.83	7,875.13	7,152.94	26.45	35.22	-136.98	482.02	-1,410.69	1,196.88	1,141.14	55.74	21.473	
6,900.00	6,707.64	7,857.63	7,152.89	26.51	34.79	-116.07	482.13	-1,393.19	1,164.58	1,107.64	56.95	20.450	
7,000.00	6,801.46	7,824.96	7,152.79	26.57	34.00	-109.34	482.33	-1,360.52	1,140.90	1,083.36	57.54	19.827	
7,100.00	6,888.97	7,777.92	7,152.65	26.67	32.87	-105.20	482.61	-1,313.49	1,125.69	1,068.15	57.53	19.566	SF
7,200.00	6,968.03	7,717.68	7,152.48	26.85	31.47	-101.55	482.98	-1,253.25	1,117.94	1,060.93	57.02	19.606	
7,291.52	7,031.31	7,652.22	7,152.28	27.16	29.99	-98.30	483.37	-1,187.79	1,116.01	1,059.74	56.27	19.834	
7,300.00	7,036.68	7,645.71	7,152.26	27.18	29.84	-98.01	483.41	-1,181.28	1,116.02	1,059.84	56.18	19.865	
7,400.00	7,093.25	7,563.79	7,152.02	27.71	28.06	-94.70	483.91	-1,099.37	1,117.92	1,062.72	55.20	20.253	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,500.00	7,136.32	7,461.98	7,144.56	28.47	25.98	-91.34	484.11	-997.93	1,121.18	1,067.15	54.03	20.752	
7,600.00	7,164.85	7,367.20	7,123.23	29.48	24.20	-88.38	483.44	-905.68	1,124.42	1,071.07	53.36	21.074	
7,700.00	7,178.13	7,279.07	7,091.34	30.71	22.72	-85.82	482.09	-823.61	1,127.47	1,074.30	53.16	21.207	
7,800.00	7,180.41	7,198.26	7,052.41	32.13	21.54	-83.70	480.25	-752.88	1,130.98	1,077.58	53.40	21.178	
7,900.00	7,182.26	7,128.90	7,012.09	33.77	20.68	-81.61	478.25	-696.52	1,137.70	1,083.62	54.08	21.037	
8,000.00	7,184.10	7,070.16	6,973.33	35.60	20.04	-79.63	476.26	-652.46	1,148.79	1,093.77	55.03	20.877	
8,100.00	7,185.95	7,020.56	6,937.56	37.58	19.57	-77.82	474.38	-618.17	1,165.09	1,108.98	56.12	20.762	
8,200.00	7,187.80	6,978.61	6,905.30	39.69	19.21	-76.21	472.66	-591.42	1,187.10	1,129.86	57.24	20.739	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-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
0.00	0.00	3.00	-3.00	3.28	3.28	56.81	118.40	180.98	216.27				
100.00	100.00	103.00	97.00	3.28	3.28	56.81	118.40	180.98	216.27	208.74	7.53	28.731	
200.00	200.00	203.00	197.00	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571	CC, ES
200.02	200.02	202.98	197.02	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571	
300.00	300.00	298.33	298.33	3.34	3.34	168.73	118.63	180.65	216.55	208.90	7.65	28.303	
400.00	399.93	401.07	401.00	3.40	3.41	168.03	120.70	177.74	218.73	210.95	7.77	28.141	
500.00	499.68	503.54	503.21	3.49	3.50	166.65	124.89	171.84	223.12	215.18	7.94	28.101	SF
600.00	599.13	605.58	604.66	3.59	3.62	164.68	131.16	163.02	229.92	221.76	8.16	28.186	
700.00	698.15	705.14	703.40	3.74	3.76	162.55	138.61	152.54	239.65	231.22	8.43	28.439	
800.00	796.63	804.00	801.42	3.92	3.92	160.81	146.04	142.09	252.93	244.19	8.75	28.922	
900.00	894.44	902.44	899.02	4.15	4.11	159.47	153.43	131.68	269.63	260.52	9.11	29.599	
1,000.00	991.48	1,000.35	996.11	4.44	4.31	158.53	160.79	121.34	289.55	280.03	9.52	30.414	
1,100.00	1,088.28	1,101.92	1,093.02	4.76	4.53	157.88	168.13	111.01	310.47	300.51	9.96	31.165	
1,200.00	1,185.07	1,204.19	1,189.92	5.12	4.77	157.31	175.47	100.68	331.42	320.98	10.44	31.749	
1,300.00	1,281.86	1,306.46	1,286.83	5.50	5.02	156.81	182.81	90.35	352.40	341.46	10.94	32.198	
1,400.00	1,378.66	1,408.73	1,383.73	5.89	5.29	156.37	190.15	80.02	373.40	361.93	11.48	32.538	
1,500.00	1,475.45	1,489.00	1,480.64	6.31	5.50	155.97	197.49	69.69	394.43	382.46	11.97	32.950	
1,600.00	1,572.24	1,586.73	1,577.54	6.73	5.76	155.62	204.83	59.36	415.46	402.94	12.53	33.163	
1,700.00	1,669.03	1,684.46	1,674.45	7.17	6.03	155.29	212.17	49.03	436.52	423.41	13.10	33.318	
1,800.00	1,765.83	1,782.19	1,771.36	7.42	6.20	155.00	219.51	38.70	457.58	444.51	13.07	35.014	
1,900.00	1,862.62	1,879.93	1,868.26	7.49	6.25	154.73	226.85	28.37	478.66	465.50	13.16	36.377	
2,000.00	1,959.41	1,977.66	1,965.17	7.59	6.30	154.49	234.19	18.04	499.74	486.48	13.26	37.683	
2,100.00	2,056.21	2,075.39	2,062.07	7.73	6.36	154.27	241.53	7.71	520.83	507.43	13.40	38.859	
2,200.00	2,153.00	2,173.12	2,158.98	7.90	6.44	154.06	248.87	-2.61	541.93	528.35	13.58	39.904	
2,300.00	2,249.79	2,270.85	2,255.89	8.10	6.53	153.87	256.21	-12.94	563.04	549.24	13.79	40.819	
2,400.00	2,346.58	2,368.58	2,352.79	8.32	6.64	153.69	263.55	-23.27	584.15	570.11	14.04	41.606	
2,500.00	2,443.38	2,466.31	2,449.70	8.56	6.76	153.52	270.89	-33.60	605.26	590.94	14.32	42.272	
2,600.00	2,540.17	2,564.04	2,546.60	8.83	6.90	153.37	278.23	-43.93	626.38	611.76	14.63	42.824	
2,700.00	2,636.96	2,661.77	2,643.51	9.12	7.05	153.23	285.57	-54.26	647.51	632.54	14.96	43.273	
2,800.00	2,733.76	2,759.50	2,740.41	9.43	7.21	153.09	292.92	-64.59	668.63	653.31	15.33	43.627	
2,900.00	2,830.55	2,857.23	2,837.32	9.75	7.38	152.96	300.26	-74.92	689.77	674.05	15.71	43.897	
3,000.00	2,927.34	2,954.96	2,934.23	10.09	7.57	152.84	307.60	-85.25	710.90	694.78	16.12	44.091	
3,100.00	3,024.13	3,052.69	3,031.13	10.44	7.76	152.73	314.94	-95.58	732.04	715.48	16.55	44.221	
3,200.00	3,120.93	3,150.43	3,128.04	10.81	7.96	152.63	322.28	-105.91	753.18	736.17	17.00	44.293	
3,300.00	3,217.72	3,248.16	3,224.94	11.18	8.17	152.53	329.62	-116.24	774.32	756.85	17.47	44.316	
3,400.00	3,314.51	3,345.89	3,321.85	11.57	8.39	152.43	336.96	-126.57	795.46	777.51	17.96	44.298	
3,500.00	3,411.31	3,443.62	3,418.75	11.96	8.61	152.34	344.30	-136.89	816.61	798.15	18.46	44.245	
3,600.00	3,508.10	3,541.35	3,515.66	12.36	8.84	152.25	351.64	-147.22	837.76	818.79	18.97	44.162	
3,700.00	3,604.89	3,639.08	3,612.57	12.77	9.08	152.17	358.98	-157.55	858.91	839.41	19.50	44.055	
3,800.00	3,701.69	3,736.81	3,709.47	13.19	9.32	152.10	366.32	-167.88	880.06	860.02	20.03	43.928	
3,900.00	3,798.48	3,834.54	3,806.38	13.61	9.57	152.02	373.66	-178.21	901.21	880.63	20.58	43.784	
4,000.00	3,895.27	3,932.27	3,903.28	14.04	9.82	151.95	381.00	-188.54	922.36	901.22	21.14	43.628	
4,100.00	3,992.06	4,030.00	4,000.19	14.47	10.08	151.89	388.34	-198.87	943.52	921.81	21.71	43.461	
4,200.00	4,088.86	4,127.73	4,097.10	14.91	10.34	151.82	395.68	-209.20	964.68	942.39	22.29	43.286	
4,300.00	4,185.65	4,225.46	4,194.00	15.35	10.61	151.76	403.02	-219.53	985.83	962.96	22.87	43.105	
4,400.00	4,282.44	4,323.20	4,290.91	15.80	10.87	151.70	410.36	-229.86	1,006.99	983.53	23.46	42.920	
4,500.00	4,379.24	4,420.93	4,387.81	16.25	11.15	151.64	417.70	-240.19	1,028.15	1,004.09	24.06	42.732	
4,600.00	4,476.03	4,518.66	4,484.72	16.70	11.42	151.59	425.04	-250.52	1,049.31	1,024.65	24.67	42.542	
4,700.00	4,572.82	4,616.39	4,581.62	17.16	11.70	151.54	432.38	-260.85	1,070.47	1,045.20	25.28	42.352	
4,800.00	4,669.61	4,714.12	4,678.53	17.62	11.98	151.49	439.73	-271.17	1,091.64	1,065.74	25.89	42.162	
4,900.00	4,766.41	4,811.85	4,775.44	18.08	12.26	151.44	447.07	-281.50	1,112.80	1,086.29	26.51	41.973	
5,000.00	4,863.20	4,909.58	4,872.34	18.54	12.55	151.39	454.41	-291.83	1,133.96	1,106.82	27.14	41.786	
5,100.00	4,959.99	5,007.31	4,969.25	19.01	12.83	151.35	461.75	-302.16	1,155.13	1,127.36	27.77	41.600	
5,200.00	5,056.79	5,105.04	5,066.15	19.47	13.12	151.31	469.09	-312.49	1,176.29	1,147.89	28.40	41.417	
5,300.00	5,153.58	5,202.77	5,163.06	19.94	13.41	151.26	476.43	-322.82	1,197.46	1,168.42	29.04	41.236	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-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
0.00	0.00	3.00	-3.00	3.28	3.28	90.46	-1.45	180.15	180.16				
100.00	100.00	103.00	97.00	3.28	3.28	90.46	-1.45	180.15	180.16	172.63	7.53	23.933	
200.00	200.00	203.00	197.00	3.30	3.30	90.46	-1.45	180.15	180.16	172.59	7.57	23.800	
200.98	200.98	202.02	197.98	3.30	3.30	-157.54	-1.45	180.15	180.16	172.59	7.57	23.800	
300.00	300.00	299.24	299.24	3.34	3.34	-157.50	-1.74	179.84	180.27	172.62	7.65	23.566	
400.00	399.93	403.99	403.92	3.40	3.40	-157.13	-4.29	177.13	180.93	173.17	7.76	23.314	
500.00	499.68	508.70	508.35	3.49	3.49	-156.36	-9.44	171.64	182.20	174.28	7.92	23.016	
600.00	599.13	613.33	612.35	3.59	3.60	-155.22	-17.20	163.38	184.12	176.00	8.12	22.672	
700.00	698.15	714.83	712.90	3.74	3.75	-153.94	-26.71	153.25	187.28	178.90	8.39	22.334	
800.00	796.63	814.60	811.70	3.92	3.92	-153.13	-36.22	143.13	193.48	184.78	8.71	22.222	
900.00	894.44	914.16	910.29	4.15	4.12	-152.78	-45.70	133.03	202.80	193.73	9.08	22.337	
1,000.00	991.48	1,013.39	1,008.55	4.44	4.34	-152.88	-55.16	122.96	215.14	205.64	9.50	22.644	
1,100.00	1,088.28	1,112.50	1,106.70	4.76	4.57	-153.17	-64.60	112.90	228.40	218.45	9.95	22.948	
1,200.00	1,185.07	1,211.61	1,204.85	5.12	4.82	-153.42	-74.04	102.85	241.67	231.23	10.44	23.153	
1,300.00	1,281.86	1,310.72	1,302.99	5.50	5.08	-153.65	-83.49	92.79	254.94	243.99	10.95	23.281	
1,400.00	1,378.66	1,409.83	1,401.14	5.89	5.35	-153.85	-92.93	82.74	268.21	256.73	11.49	23.351	
1,500.00	1,475.45	1,508.94	1,499.28	6.31	5.63	-154.04	-102.37	72.68	281.49	269.45	12.04	23.374	
1,600.00	1,572.24	1,608.05	1,597.43	6.73	5.92	-154.21	-111.81	62.63	294.77	282.16	12.62	23.365	
1,700.00	1,669.03	1,707.16	1,695.58	7.17	6.20	-154.36	-121.26	52.57	308.05	294.86	13.19	23.347	
1,800.00	1,765.83	1,806.27	1,793.72	7.42	6.36	-154.50	-130.70	42.52	321.34	308.21	13.13	24.479	
1,900.00	1,862.62	1,905.38	1,891.87	7.49	6.39	-154.63	-140.14	32.46	334.63	321.44	13.18	25.383	
2,000.00	1,959.41	2,004.50	1,990.02	7.59	6.45	-154.75	-149.58	22.41	347.91	334.63	13.28	26.199	
2,100.00	2,056.21	2,103.61	2,088.16	7.73	6.52	-154.86	-159.02	12.35	361.20	347.79	13.42	26.924	
2,200.00	2,153.00	2,202.72	2,186.31	7.90	6.61	-154.97	-168.47	2.30	374.49	360.90	13.59	27.557	
2,300.00	2,249.79	2,301.83	2,284.45	8.10	6.72	-155.06	-177.91	-7.76	387.79	373.99	13.80	28.099	
2,400.00	2,346.58	2,400.94	2,382.60	8.32	6.85	-155.15	-187.35	-17.81	401.08	387.03	14.05	28.553	
2,500.00	2,443.38	2,500.05	2,480.75	8.56	6.99	-155.24	-196.79	-27.87	414.37	400.05	14.33	28.926	
2,600.00	2,540.17	2,600.84	2,578.89	8.83	7.15	-155.32	-206.24	-37.92	427.67	413.03	14.64	29.218	
2,700.00	2,636.96	2,698.27	2,677.04	9.12	7.32	-155.39	-215.68	-47.98	440.96	425.99	14.97	29.450	
2,800.00	2,733.76	2,802.62	2,775.18	9.43	7.52	-155.46	-225.12	-58.03	454.26	438.91	15.35	29.599	
2,900.00	2,830.55	2,896.49	2,873.33	9.75	7.70	-155.53	-234.56	-68.09	467.56	451.83	15.73	29.728	
3,000.00	2,927.34	3,004.40	2,971.48	10.09	7.93	-155.59	-244.01	-78.14	480.85	464.70	16.16	29.760	
3,100.00	3,024.13	3,105.29	3,069.62	10.44	8.15	-155.65	-253.45	-88.19	494.15	477.56	16.60	29.776	
3,200.00	3,120.93	3,193.82	3,167.77	10.81	8.35	-155.70	-262.89	-98.25	507.45	490.42	17.03	29.801	
3,300.00	3,217.72	3,292.93	3,265.91	11.18	8.59	-155.76	-272.33	-108.30	520.75	503.25	17.50	29.759	
3,400.00	3,314.51	3,407.96	3,364.06	11.57	8.87	-155.81	-281.78	-118.36	534.05	516.03	18.02	29.633	
3,500.00	3,411.31	3,491.16	3,462.21	11.96	9.08	-155.85	-291.22	-128.41	547.35	528.86	18.49	29.605	
3,600.00	3,508.10	3,609.73	3,560.35	12.36	9.39	-155.90	-300.66	-138.47	560.65	541.60	19.05	29.429	
3,700.00	3,604.89	3,689.38	3,658.50	12.77	9.60	-155.94	-310.10	-148.52	573.95	554.42	19.53	29.384	
3,800.00	3,701.69	3,788.49	3,756.64	13.19	9.87	-155.99	-319.55	-158.58	587.25	567.18	20.07	29.255	
3,900.00	3,798.48	3,887.60	3,854.79	13.61	10.14	-156.02	-328.99	-168.63	600.55	579.93	20.62	29.119	
4,000.00	3,895.27	3,986.71	3,952.94	14.04	10.42	-156.06	-338.43	-178.69	613.85	592.67	21.18	28.976	
4,100.00	3,992.06	4,085.82	4,051.08	14.47	10.71	-156.10	-347.87	-188.74	627.15	605.40	21.75	28.829	
4,200.00	4,088.86	4,184.93	4,149.23	14.91	10.99	-156.13	-357.32	-198.80	640.45	618.12	22.33	28.678	
4,300.00	4,185.65	4,284.04	4,247.38	15.35	11.28	-156.17	-366.76	-208.85	653.76	630.84	22.92	28.526	
4,400.00	4,282.44	4,383.15	4,345.52	15.80	11.58	-156.20	-376.20	-218.91	667.06	643.55	23.51	28.372	
4,500.00	4,379.24	4,482.26	4,443.67	16.25	11.88	-156.23	-385.64	-228.96	680.36	656.25	24.11	28.219	
4,600.00	4,476.03	4,581.37	4,541.81	16.70	12.18	-156.26	-395.08	-239.02	693.66	668.95	24.72	28.066	
4,700.00	4,572.82	4,680.48	4,639.96	17.16	12.48	-156.29	-404.53	-249.07	706.97	681.64	25.33	27.914	
4,800.00	4,669.61	4,779.59	4,738.11	17.62	12.79	-156.32	-413.97	-259.13	720.27	694.33	25.94	27.764	
4,900.00	4,766.41	4,878.70	4,836.25	18.08	13.10	-156.34	-423.41	-269.18	733.57	707.01	26.56	27.616	
5,000.00	4,863.20	4,977.81	4,934.40	18.54	13.41	-156.37	-432.85	-279.24	746.88	719.69	27.19	27.470	
5,100.00	4,959.99	5,076.93	5,032.54	19.01	13.72	-156.39	-442.30	-289.29	760.18	732.36	27.82	27.327	
5,200.00	5,056.79	5,176.04	5,130.69	19.47	14.04	-156.42	-451.74	-299.35	773.48	745.03	28.45	27.186	
5,300.00	5,153.58	5,275.15	5,228.84	19.94	14.35	-156.44	-461.18	-309.40	786.79	757.70	29.09	27.048	
5,400.00	5,250.37	5,374.26	5,326.98	20.41	14.67	-156.46	-470.62	-319.46	800.09	770.36	29.73	26.913	
5,500.00	5,347.16	5,473.37	5,425.13	20.89	14.99	-156.48	-480.07	-329.51	813.39	783.02	30.37	26.780	
5,600.00	5,443.96	5,572.48	5,523.27	21.36	15.32	-156.50	-489.51	-339.57	826.70	795.68	31.02	26.651	
5,700.00	5,540.75	5,671.59	5,621.42	21.84	15.64	-156.52	-498.95	-349.62	840.00	808.33	31.67	26.525	
5,800.00	5,637.54	5,770.70	5,719.57	22.31	15.96	-156.54	-508.39	-359.68	853.31	820.98	32.32	26.401	
5,900.00	5,734.34	5,869.81	5,817.71	22.79	16.29	-156.56	-517.84	-369.73	866.61	833.63	32.98	26.281	
6,000.00	5,831.13	5,968.92	5,915.86	23.27	16.62	-156.58	-527.28	-379.79	879.91	846.28	33.63	26.163	
6,100.00	5,927.92	6,068.03	6,014.01	23.75	16.94	-156.60	-536.72	-389.84	893.22	858.93	34.29	26.048	
6,200.00	6,024.71	6,167.14	6,112.15	24.23	17.27	-156.62	-546.16	-399.90	906.52	871.57	34.95	25.936	
6,300.00	6,121.51	6,266.25	6,210.30	24.72	17.60	-156.63	-555.61	-409.95	919.83	884.21	35.61	25.827	
6,400.00	6,218.30	6,365.36	6,308.44	25.20	17.93	-156.65	-565.05	-420.01	933.13	896.85	36.28	25.720	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
6,500.00	6,315.09	7,876.19	7,158.14	25.68	34.93	-152.61	-652.77	-1,373.40	851.78	822.50	29.28	29.091	
6,600.00	6,411.92	7,900.89	7,158.08	26.15	35.51	-149.36	-652.92	-1,396.31	754.47	724.79	29.68	25.421	
6,700.00	6,510.45	7,912.28	7,158.04	26.34	35.79	-95.46	-653.01	-1,409.48	655.47	625.45	30.02	21.831	
6,800.00	6,609.83	7,909.79	7,158.04	26.45	35.73	120.55	-653.00	-1,407.00	555.64	525.35	30.29	18.344	
6,900.00	6,707.64	7,908.28	7,158.10	26.51	35.69	151.47	-652.88	-1,388.92	457.43	426.87	30.56	14.970	
7,000.00	6,801.46	7,858.50	7,158.20	26.57	34.52	160.47	-652.66	-1,355.70	363.27	332.68	30.59	11.876	
7,100.00	6,888.97	7,810.95	7,158.34	26.67	33.42	164.18	-652.34	-1,308.16	275.48	244.82	30.66	8.985	
7,200.00	6,968.03	7,750.25	7,158.51	26.85	32.06	165.62	-651.94	-1,247.45	196.25	165.50	30.75	6.382	
7,300.00	7,036.68	7,677.88	7,158.73	27.18	30.49	165.34	-651.46	-1,175.09	127.56	96.59	30.96	4.120	
7,400.00	7,093.25	7,604.37	7,158.97	27.71	28.97	162.49	-650.92	-1,092.84	71.21	39.47	31.74	2.244	
7,500.00	7,136.32	7,502.43	7,153.74	28.47	27.01	144.65	-649.78	-999.87	24.25	-14.54	38.80	0.625	Level 1
7,546.20	7,151.36	7,461.11	7,147.13	28.93	26.27	82.74	-648.86	-959.10	10.22	-43.67	53.89	0.190	Level 1, CC, ES, SF
7,600.00	7,164.85	7,414.49	7,136.53	29.48	25.47	17.53	-647.54	-913.74	27.16	-6.80	33.96	0.800	Level 1
7,700.00	7,178.13	7,331.51	7,109.60	30.71	24.19	2.30	-644.42	-835.37	71.02	37.19	33.84	2.099	
7,800.00	7,180.41	7,254.25	7,075.60	32.13	23.14	-1.02	-640.70	-766.14	117.20	81.71	35.49	3.302	
7,900.00	7,182.26	7,186.61	7,039.18	33.77	22.35	-2.52	-636.83	-709.32	172.94	136.01	36.93	4.683	
8,000.00	7,184.10	7,128.27	7,003.08	35.60	21.76	-3.32	-633.07	-663.66	236.65	198.59	38.06	6.218	
8,100.00	7,185.95	7,078.22	6,968.91	37.58	21.30	-3.80	-629.55	-627.28	306.69	267.77	38.92	7.880	
8,200.00	7,187.80	7,035.32	6,937.43	39.69	20.95	-4.10	-626.35	-598.32	381.76	342.19	39.58	9.646	
8,300.00	7,189.64	7,000.00	6,910.10	41.91	20.68	-4.30	-623.58	-576.13	460.83	420.73	40.09	11.494	
8,400.00	7,191.49	6,966.62	6,883.19	44.22	20.45	-4.45	-620.88	-556.59	543.07	502.61	40.46	13.423	
8,500.00	7,193.34	6,939.01	6,860.17	46.61	20.26	-4.56	-618.58	-541.50	627.87	587.13	40.75	15.410	
8,600.00	7,195.18	6,914.90	6,839.56	49.07	20.11	-4.64	-616.52	-529.17	714.76	673.79	40.97	17.447	
8,700.00	7,197.03	6,900.00	6,826.60	51.58	20.02	-4.68	-615.24	-521.94	803.41	762.27	41.14	19.528	
8,800.00	7,198.88	6,875.04	6,804.51	54.14	19.88	-4.75	-613.05	-510.52	893.35	852.08	41.27	21.646	
8,900.00	7,200.73	6,850.00	6,781.93	56.74	19.74	-4.81	-610.82	-499.94	984.61	943.23	41.39	23.791	
9,000.00	7,202.57	6,850.00	6,781.93	59.37	19.74	-4.81	-610.82	-499.94	1,076.73	1,035.28	41.45	25.979	
9,100.00	7,204.42	6,830.29	6,763.87	62.04	19.64	-4.85	-609.04	-492.26	1,169.67	1,128.14	41.53	28.167	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-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		
0.00	0.00	3.00	-3.00	3.28	3.28	84.11	18.57	180.15	181.10					
100.00	100.00	103.00	97.00	3.28	3.28	84.11	18.57	180.15	181.10	173.58	7.53	24.059		
200.00	200.00	203.00	197.00	3.30	3.30	84.11	18.57	180.15	181.10	173.53	7.57	23.925	CC	
300.00	300.00	299.83	299.83	3.34	3.34	-163.87	18.34	179.78	181.16	173.51	7.65	23.681		
400.00	399.93	405.84	405.77	3.40	3.41	-163.66	16.33	176.56	181.29	173.53	7.76	23.359		
500.00	499.68	511.84	511.48	3.49	3.49	-163.23	12.24	170.01	181.46	173.55	7.91	22.933		
600.00	599.13	617.65	616.64	3.59	3.62	-162.59	6.09	160.17	181.68	173.57	8.11	22.406		
700.00	698.15	717.61	715.79	3.74	3.76	-162.05	-0.64	149.40	183.70	175.33	8.37	21.957		
800.00	796.63	817.46	814.83	3.92	3.93	-161.84	-7.37	138.64	189.04	180.37	8.67	21.802		
900.00	894.44	917.08	913.64	4.15	4.12	-161.94	-14.07	127.91	197.70	188.67	9.02	21.917		
1,000.00	991.48	1,016.35	1,012.11	4.44	4.33	-162.31	-20.76	117.21	209.57	200.16	9.41	22.262		
1,100.00	1,088.28	1,115.50	1,110.46	4.76	4.55	-162.77	-27.43	106.52	222.45	212.62	9.83	22.624		
1,200.00	1,185.07	1,214.66	1,208.81	5.12	4.79	-163.18	-34.11	95.84	235.35	225.07	10.28	22.892		
1,300.00	1,281.86	1,313.81	1,307.16	5.50	5.04	-163.55	-40.79	85.16	248.25	237.50	10.75	23.084		
1,400.00	1,378.66	1,412.96	1,405.51	5.89	5.31	-163.88	-47.46	74.47	261.16	249.92	11.25	23.220		
1,500.00	1,475.45	1,512.11	1,503.85	6.31	5.58	-164.18	-54.14	63.79	274.08	262.32	11.76	23.307		
1,600.00	1,572.24	1,611.26	1,602.20	6.73	5.85	-164.45	-60.82	53.10	287.01	274.72	12.29	23.357		
1,700.00	1,669.03	1,710.42	1,700.55	7.17	6.12	-164.70	-67.49	42.42	299.95	287.13	12.82	23.403		
1,800.00	1,765.83	1,809.57	1,798.90	7.42	6.28	-164.93	-74.17	31.74	312.88	300.16	12.73	24.584		
1,900.00	1,862.62	1,908.72	1,897.25	7.49	6.30	-165.14	-80.85	21.05	325.83	313.07	12.76	25.543		
2,000.00	1,959.41	2,007.87	1,995.60	7.59	6.35	-165.34	-87.52	10.37	338.77	325.94	12.83	26.396		
2,100.00	2,056.21	2,107.02	2,093.94	7.73	6.42	-165.52	-94.20	-0.32	351.73	338.78	12.95	27.165		
2,200.00	2,153.00	2,206.18	2,192.29	7.90	6.51	-165.68	-100.88	-11.00	364.68	351.58	13.10	27.847		
2,300.00	2,249.79	2,305.33	2,290.64	8.10	6.61	-165.84	-107.55	-21.69	377.64	364.36	13.28	28.442		
2,400.00	2,346.58	2,404.48	2,388.99	8.32	6.73	-165.99	-114.23	-32.37	390.60	377.10	13.49	28.952		
2,500.00	2,443.38	2,503.63	2,487.34	8.56	6.87	-166.12	-120.90	-43.05	403.56	389.82	13.74	29.381		
2,600.00	2,540.17	2,602.78	2,585.69	8.83	7.01	-166.25	-127.58	-53.74	416.52	402.51	14.01	29.735		
2,700.00	2,636.96	2,701.94	2,684.03	9.12	7.18	-166.37	-134.26	-64.42	429.49	415.18	14.31	30.019		
2,800.00	2,733.76	2,801.09	2,782.38	9.43	7.35	-166.48	-140.93	-75.11	442.45	427.82	14.63	30.240		
2,900.00	2,830.55	2,900.24	2,880.73	9.75	7.54	-166.59	-147.61	-85.79	455.42	440.44	14.98	30.404		
3,000.00	2,927.34	3,000.61	2,979.08	10.09	7.73	-166.69	-154.29	-96.48	468.39	453.04	15.35	30.513		
3,100.00	3,024.13	3,101.46	3,077.43	10.44	7.95	-166.79	-160.96	-107.16	481.36	465.62	15.74	30.576		
3,200.00	3,120.93	3,202.30	3,175.78	10.81	8.16	-166.88	-167.64	-117.84	494.34	478.18	16.15	30.600		
3,300.00	3,217.72	3,303.15	3,274.12	11.18	8.39	-166.96	-174.32	-128.53	507.31	490.73	16.58	30.592		
3,400.00	3,314.51	3,404.00	3,372.47	11.57	8.63	-167.04	-180.99	-139.21	520.29	503.26	17.03	30.555		
3,500.00	3,411.31	3,504.85	3,470.82	11.96	8.87	-167.12	-187.67	-149.90	533.26	515.78	17.49	30.495		
3,600.00	3,508.10	3,605.70	3,569.17	12.36	9.12	-167.20	-194.34	-160.58	546.24	528.28	17.96	30.415		
3,700.00	3,604.89	3,706.54	3,667.52	12.77	9.38	-167.27	-201.02	-171.27	559.22	540.77	18.44	30.318		
3,800.00	3,701.69	3,807.39	3,765.87	13.19	9.64	-167.33	-207.70	-181.95	572.20	553.26	18.94	30.209		
3,900.00	3,798.48	3,908.24	3,864.21	13.61	9.91	-167.40	-214.37	-192.63	585.18	565.73	19.45	30.089		
4,000.00	3,895.27	4,009.09	3,962.56	14.04	10.18	-167.46	-221.05	-203.32	598.16	578.19	19.97	29.960		
4,100.00	3,992.06	4,109.94	4,060.91	14.47	10.46	-167.52	-227.73	-214.00	611.14	590.65	20.49	29.825		
4,200.00	4,088.86	4,189.22	4,159.26	14.91	10.68	-167.57	-234.40	-224.69	624.12	603.15	20.97	29.759		
4,300.00	4,185.65	4,288.37	4,257.61	15.35	10.96	-167.63	-241.08	-235.37	637.10	615.59	21.51	29.621		
4,400.00	4,282.44	4,387.52	4,355.96	15.80	11.24	-167.68	-247.76	-246.06	650.08	628.03	22.05	29.479		
4,500.00	4,379.24	4,486.67	4,454.30	16.25	11.53	-167.73	-254.43	-256.74	663.07	640.47	22.60	29.337		
4,600.00	4,476.03	4,585.82	4,552.65	16.70	11.82	-167.78	-261.11	-267.42	676.05	652.89	23.16	29.193		
4,700.00	4,572.82	4,684.98	4,651.00	17.16	12.11	-167.82	-267.78	-278.11	689.04	665.32	23.72	29.050		
4,800.00	4,669.61	4,784.13	4,749.35	17.62	12.40	-167.87	-274.46	-288.79	702.02	677.73	24.29	28.907		
4,900.00	4,766.41	4,883.28	4,847.70	18.08	12.70	-167.91	-281.14	-299.48	715.00	690.15	24.86	28.765		
5,000.00	4,863.20	4,982.43	4,946.05	18.54	13.00	-167.95	-287.81	-310.16	727.99	702.56	25.43	28.624		
5,100.00	4,959.99	5,081.58	5,044.39	19.01	13.30	-167.99	-294.49	-320.85	740.98	714.96	26.01	28.485		
5,200.00	5,056.79	5,180.74	5,142.74	19.47	13.61	-168.03	-301.17	-331.53	753.96	727.36	26.60	28.348		
5,300.00	5,153.58	5,279.89	5,241.09	19.94	13.91	-168.07	-307.84	-342.21	766.95	739.76	27.18	28.213		
5,400.00	5,250.37	5,379.04	5,339.44	20.41	14.22	-168.10	-314.52	-352.90	779.93	752.16	27.77	28.080		
5,500.00	5,347.16	5,478.19	5,437.79	20.89	14.52	-168.14	-321.20	-363.58	792.92	764.55	28.37	27.950		
5,600.00	5,443.96	5,577.34	5,536.13	21.36	14.83	-168.17	-327.87	-374.27	805.91	776.94	28.97	27.823		
5,700.00	5,540.75	5,676.50	5,634.48	21.84	15.15	-168.20	-334.55	-384.95	818.90	789.33	29.57	27.697		
5,800.00	5,637.54	5,775.65	5,732.83	22.31	15.46	-168.24	-341.22	-395.64	831.88	801.72	30.17	27.575		
5,900.00	5,734.34	5,874.80	5,831.18	22.79	15.77	-168.27	-347.90	-406.32	844.87	814.10	30.77	27.455		
6,000.00	5,831.13	5,973.95	5,929.53	23.27	16.09	-168.30	-354.58	-417.00	857.86	826.48	31.38	27.338		
6,100.00	5,927.92	6,073.10	6,027.88	23.75	16.40	-168.32	-361.25	-427.69	870.85	838.86	31.99	27.223		
6,200.00	6,024.71	7,464.28	6,838.18	24.23	32.37	157.95	-419.21	-1,301.41	823.41	795.33	28.07	29.332		
6,300.00	6,121.51	7,487.68	6,838.20	24.72	32.92	154.26	-419.30	-1,324.82	728.98	700.10	28.88	25.241		
6,400.00	6,218.30	7,511.09	6,838.22	25.20	33.48	150.09	-419.39	-1,348.23	635.40	605.45	29.95	21.218		
6,500.00	6,315.09	7,534.50	6,838.24	25.68	34.05	145.38	-419.48	-1,371.64	543.10	511.65	31.45	17.270		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,600.00	6,411.92	7,557.76	6,838.25	26.15	34.62	139.97	-419.57	-1,394.89	452.84	419.13	33.70	13.435			
6,700.00	6,510.45	7,571.27	6,838.27	26.34	34.95	155.66	-419.62	-1,408.41	364.73	327.48	37.25	9.793			
6,800.00	6,609.83	7,569.13	6,838.26	26.45	34.89	-141.24	-419.61	-1,406.27	283.29	240.28	43.01	6.586			
6,900.00	6,707.64	7,551.40	6,838.25	26.51	34.46	-120.58	-419.55	-1,388.54	218.73	167.23	51.50	4.247			
7,000.00	6,801.46	7,518.50	6,838.22	26.57	33.66	-106.86	-419.42	-1,355.64	187.00	128.44	58.56	3.193			
7,022.96	6,822.19	7,508.89	6,838.21	26.59	33.43	-103.29	-419.38	-1,346.03	185.83	126.82	59.01	3.149 ES, SF			
7,100.00	6,888.97	7,471.26	6,838.18	26.67	32.53	-89.81	-419.24	-1,308.40	197.64	140.90	56.74	3.483			
7,200.00	6,968.03	7,410.83	6,838.13	26.85	31.12	-71.23	-419.01	-1,247.97	236.96	186.85	50.11	4.729			
7,300.00	7,036.68	7,338.70	6,838.08	27.18	29.50	-55.81	-418.74	-1,175.84	285.19	240.63	44.56	6.400			
7,400.00	7,093.25	7,256.65	6,838.01	27.71	27.72	-45.29	-418.42	-1,093.78	330.70	289.76	40.94	8.078			
7,500.00	7,136.32	7,193.83	6,835.55	28.47	26.44	-39.46	-418.02	-1,031.04	370.70	330.93	39.77	9.321			
7,600.00	7,164.85	7,134.14	6,827.56	29.48	25.27	-35.34	-417.26	-971.92	407.08	367.57	39.51	10.304			
7,700.00	7,178.13	7,075.18	6,814.27	30.71	24.18	-32.40	-416.15	-914.50	438.89	399.13	39.77	11.037			
7,800.00	7,180.41	7,017.70	6,796.27	32.13	23.20	-30.98	-414.73	-859.95	469.46	429.18	40.28	11.655			
7,900.00	7,182.26	6,964.04	6,775.10	33.77	22.36	-29.78	-413.11	-810.69	507.45	466.66	40.79	12.440			
8,000.00	7,184.10	6,914.59	6,751.99	35.60	21.65	-28.58	-411.39	-767.02	552.64	511.37	41.27	13.390			
8,100.00	7,185.95	6,869.39	6,727.96	37.58	21.07	-27.44	-409.63	-728.79	604.34	562.63	41.71	14.488			
8,200.00	7,187.80	6,828.32	6,703.84	39.69	20.58	-26.40	-407.87	-695.61	661.82	619.72	42.10	15.720			
8,300.00	7,189.64	6,800.00	6,685.98	41.91	20.26	-25.68	-406.58	-673.67	724.48	681.92	42.56	17.024			
8,400.00	7,191.49	6,750.00	6,652.14	44.22	19.76	-24.44	-404.16	-636.96	791.38	748.75	42.64	18.562			
8,500.00	7,193.34	6,727.17	6,635.75	46.61	19.55	-23.89	-403.00	-621.11	862.05	819.10	42.96	20.067			
8,600.00	7,195.18	6,700.00	6,615.53	49.07	19.31	-23.24	-401.57	-603.02	936.08	892.93	43.15	21.692			
8,700.00	7,197.03	6,674.89	6,596.17	51.58	19.11	-22.66	-400.20	-587.09	1,012.94	969.63	43.31	23.388			
8,800.00	7,198.88	6,650.00	6,576.37	54.14	18.91	-22.10	-398.81	-572.07	1,092.24	1,048.81	43.43	25.151			
8,900.00	7,200.73	6,631.91	6,561.62	56.74	18.78	-21.71	-397.77	-561.64	1,173.64	1,130.10	43.54	26.956			

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-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		
0.00	0.00	0.00	0.00	3.28	3.28	0.80	20.04	0.28	20.04					
100.00	100.00	100.00	100.00	3.28	3.28	0.80	20.04	0.28	20.04	12.52	7.53	2.663		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648	CC	
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648		
300.00	300.00	300.08	300.08	3.34	3.34	112.73	19.94	-0.15	20.11	12.46	7.65	2.628		
400.00	399.93	400.25	400.18	3.40	3.40	112.23	19.16	-3.56	20.63	12.87	7.77	2.657		
500.00	499.68	500.40	500.08	3.49	3.49	111.29	17.60	-10.38	21.69	13.76	7.93	2.735		
600.00	599.13	600.55	599.67	3.59	3.60	110.04	15.26	-20.60	23.28	15.13	8.15	2.856		
700.00	698.15	700.67	698.82	3.74	3.74	108.62	12.14	-34.20	25.41	16.97	8.43	3.012		
800.00	796.63	800.78	797.39	3.92	3.93	107.14	8.26	-51.17	28.08	19.29	8.80	3.192		
900.00	894.44	900.86	895.28	4.15	4.16	105.70	3.61	-71.48	31.31	22.05	9.25	3.383		
1,000.00	991.48	1,000.86	992.37	4.44	4.44	104.77	-1.73	-94.78	35.09	25.28	9.81	3.576		
1,100.00	1,088.28	1,100.78	1,089.26	4.76	4.76	104.74	-7.18	-118.59	39.08	28.63	10.44	3.741		
1,200.00	1,185.07	1,200.70	1,186.15	5.12	5.11	104.71	-12.64	-142.40	43.07	31.94	11.13	3.868		
1,300.00	1,281.86	1,300.62	1,283.04	5.50	5.48	104.69	-18.09	-166.21	47.06	35.19	11.87	3.965		
1,400.00	1,378.66	1,400.54	1,379.93	5.89	5.87	104.67	-23.54	-190.02	51.06	38.41	12.64	4.038		
1,500.00	1,475.45	1,500.46	1,476.82	6.31	6.27	104.65	-29.00	-213.83	55.05	41.60	13.45	4.094		
1,600.00	1,572.24	1,600.38	1,573.71	6.73	6.69	104.64	-34.45	-237.64	59.04	44.77	14.27	4.136		
1,700.00	1,669.03	1,700.30	1,670.59	7.17	7.12	104.63	-39.90	-261.45	63.03	47.91	15.12	4.168		
1,800.00	1,765.83	1,800.22	1,767.48	7.42	7.35	104.61	-45.36	-285.26	67.03	51.81	15.22	4.404		
1,900.00	1,862.62	1,900.14	1,864.37	7.49	7.42	104.61	-50.81	-309.07	71.02	55.66	15.36	4.624		
2,000.00	1,959.41	2,000.06	1,961.26	7.59	7.53	104.60	-56.26	-332.88	75.01	59.45	15.56	4.820		
2,100.00	2,056.21	2,100.02	2,058.15	7.73	7.66	104.59	-61.72	-356.69	79.00	63.18	15.83	4.992		
2,200.00	2,153.00	2,200.10	2,155.04	7.90	7.82	104.58	-67.17	-380.50	83.00	66.85	16.15	5.139		
2,300.00	2,249.79	2,300.18	2,251.93	8.10	8.01	104.58	-72.62	-404.31	86.99	70.46	16.53	5.263		
2,400.00	2,346.58	2,400.26	2,348.81	8.32	8.23	104.57	-78.08	-428.12	90.98	74.03	16.96	5.366		
2,500.00	2,443.38	2,500.34	2,445.70	8.56	8.47	104.56	-83.53	-451.93	94.97	77.54	17.43	5.448		
2,600.00	2,540.17	2,600.42	2,542.59	8.83	8.73	104.56	-88.98	-475.74	98.97	81.02	17.95	5.513		
2,700.00	2,636.96	2,700.50	2,639.48	9.12	9.01	104.56	-94.44	-499.55	102.96	84.45	18.51	5.562		
2,800.00	2,733.76	2,800.58	2,736.37	9.43	9.31	104.55	-99.89	-523.36	106.95	87.85	19.10	5.598		
2,900.00	2,830.55	2,900.66	2,833.26	9.75	9.62	104.55	-105.34	-547.17	110.95	91.21	19.73	5.623		
3,000.00	2,927.34	3,000.74	2,930.15	10.09	9.95	104.54	-110.80	-570.98	114.94	94.55	20.39	5.638		
3,100.00	3,024.13	3,100.82	3,027.03	10.44	10.29	104.54	-116.25	-594.79	118.93	97.86	21.07	5.645		
3,200.00	3,120.93	3,199.11	3,123.92	10.81	10.64	104.54	-121.70	-618.60	122.92	101.15	21.77	5.646		
3,300.00	3,217.72	3,300.97	3,220.81	11.18	11.01	104.53	-127.16	-642.41	126.92	104.41	22.51	5.639		
3,400.00	3,314.51	3,401.05	3,317.70	11.57	11.39	104.53	-132.61	-666.22	130.91	107.65	23.25	5.630		
3,500.00	3,411.31	3,501.13	3,414.59	11.96	11.77	104.53	-138.06	-690.03	134.90	110.88	24.02	5.616		
3,600.00	3,508.10	3,601.21	3,511.48	12.36	12.17	104.53	-143.52	-713.84	138.89	114.09	24.80	5.600		
3,700.00	3,604.89	3,698.71	3,608.37	12.77	12.56	104.52	-148.97	-737.65	142.89	117.30	25.59	5.584		
3,800.00	3,701.69	3,801.37	3,705.25	13.19	12.97	104.52	-154.42	-761.46	146.88	120.47	26.41	5.562		
3,900.00	3,798.48	3,901.45	3,802.14	13.61	13.39	104.52	-159.88	-785.27	150.87	123.64	27.23	5.541		
4,000.00	3,895.27	4,001.53	3,899.03	14.04	13.80	104.52	-165.33	-809.08	154.86	126.80	28.06	5.519		
4,100.00	3,992.06	4,101.61	3,995.92	14.47	14.23	104.52	-170.78	-832.89	158.86	129.95	28.91	5.496		
4,200.00	4,088.86	4,201.69	4,092.81	14.91	14.66	104.51	-176.23	-856.70	162.85	133.09	29.76	5.473		
4,300.00	4,185.65	4,298.23	4,189.70	15.35	15.07	104.51	-181.69	-880.51	166.84	136.24	30.60	5.452		
4,400.00	4,282.44	4,398.15	4,286.59	15.80	15.51	104.51	-187.14	-904.33	170.83	139.36	31.47	5.429		
4,500.00	4,379.24	4,501.93	4,383.47	16.25	15.96	104.51	-192.59	-928.14	174.83	142.47	32.36	5.403		
4,600.00	4,476.03	4,602.01	4,480.36	16.70	16.41	104.51	-198.05	-951.95	178.82	145.58	33.24	5.380		
4,700.00	4,572.82	4,702.09	4,577.25	17.16	16.85	104.51	-203.50	-975.76	182.81	148.68	34.13	5.357		
4,800.00	4,669.61	4,802.17	4,674.14	17.62	17.30	104.51	-208.95	-999.57	186.80	151.78	35.02	5.334		
4,900.00	4,766.41	4,902.25	4,771.03	18.08	17.75	104.50	-214.41	-1,023.38	190.80	154.88	35.92	5.312		
5,000.00	4,863.20	5,002.33	4,867.92	18.54	18.20	104.50	-219.86	-1,047.19	194.79	157.97	36.82	5.290		
5,100.00	4,959.99	5,102.41	4,964.81	19.01	18.66	104.50	-225.31	-1,071.00	198.78	161.05	37.73	5.269		
5,200.00	5,056.79	5,197.51	5,061.69	19.47	19.09	104.50	-230.77	-1,094.81	202.77	164.16	38.61	5.251		
5,300.00	5,153.58	5,302.57	5,158.58	19.94	19.57	104.50	-236.22	-1,118.62	206.77	167.21	39.55	5.228		
5,400.00	5,250.37	5,402.65	5,255.47	20.41	20.04	104.50	-241.67	-1,142.43	210.76	170.29	40.47	5.208		
5,500.00	5,347.16	5,502.73	5,352.36	20.89	20.50	104.50	-247.13	-1,166.24	214.75	173.36	41.39	5.188		
5,600.00	5,443.96	5,602.81	5,449.25	21.36	20.96	104.50	-252.58	-1,190.05	218.74	176.43	42.32	5.169		
5,700.00	5,540.75	5,702.89	5,546.14	21.84	21.43	104.50	-258.03	-1,213.86	222.74	179.49	43.24	5.151		
5,800.00	5,637.54	5,797.03	5,643.03	22.31	21.87	104.50	-263.49	-1,237.67	226.73	182.58	44.14	5.136		
5,900.00	5,734.34	5,903.05	5,739.91	22.79	22.36	104.49	-268.94	-1,261.48	230.72	185.62	45.10	5.115		
6,000.00	5,831.13	6,003.13	5,836.80	23.27	22.83	104.49	-274.39	-1,285.29	234.71	188.68	46.04	5.098		
6,100.00	5,927.92	6,103.21	5,933.69	23.75	23.30	104.49	-279.85	-1,309.10	238.71	191.73	46.98	5.082		
6,200.00	6,024.71	6,203.29	6,030.58	24.23	23.77	104.49	-285.30	-1,332.91	242.70	194.79	47.91	5.065		
6,300.00	6,121.51	6,303.37	6,127.47	24.72	24.25	104.49	-290.75	-1,356.72	246.69	197.84	48.86	5.049		
6,400.00	6,218.30	6,403.45	6,224.36	25.20	24.72	104.49	-296.21	-1,380.53	250.68	200.89	49.80	5.034		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-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
6,500.00	6,315.09	6,499.59	6,324.78	25.68	25.04	105.05	-301.89	-1,402.64	254.35	203.80	50.54	5.032	
6,600.00	6,411.92	6,602.55	6,427.20	26.15	25.19	110.94	-307.86	-1,409.95	256.61	205.91	50.71	5.061	
6,700.00	6,510.45	6,701.14	6,525.15	26.34	25.27	151.68	-313.74	-1,401.38	259.96	209.68	50.28	5.170	
6,800.00	6,609.83	6,796.55	6,617.56	26.45	25.32	-128.21	-319.46	-1,378.77	265.04	215.34	49.70	5.333	
6,900.00	6,707.64	6,889.15	6,703.07	26.51	25.39	-100.59	-324.91	-1,343.84	271.47	222.37	49.10	5.529	
7,000.00	6,801.46	6,979.35	6,780.62	26.57	25.53	-89.17	-330.01	-1,298.23	278.77	230.17	48.60	5.736	
7,100.00	6,888.97	7,067.50	6,849.46	26.67	25.75	-82.21	-334.70	-1,243.48	286.41	238.08	48.32	5.927	
7,200.00	6,968.03	7,153.93	6,909.00	26.85	26.09	-77.28	-338.92	-1,181.05	293.87	245.48	48.39	6.073	
7,300.00	7,036.68	7,238.97	6,958.80	27.18	26.60	-73.62	-342.65	-1,112.30	300.71	251.78	48.92	6.146	
7,400.00	7,093.25	7,322.89	6,998.56	27.71	27.28	-70.90	-345.83	-1,038.53	306.52	256.51	50.02	6.128	
7,500.00	7,136.32	7,405.96	7,028.03	28.47	28.12	-68.96	-348.46	-960.98	311.01	259.32	51.69	6.017	
7,600.00	7,164.85	7,488.44	7,047.08	29.48	29.13	-67.71	-350.50	-880.82	313.94	260.01	53.93	5.822	
7,700.00	7,178.13	7,570.55	7,055.62	30.71	30.27	-67.10	-351.93	-799.22	315.15	258.54	56.61	5.567	
7,800.00	7,180.41	7,667.72	7,057.65	32.13	31.79	-67.03	-353.15	-702.08	314.75	255.24	59.51	5.289	
7,900.00	7,182.26	7,767.71	7,059.61	33.77	33.54	-67.01	-354.40	-602.11	314.21	251.50	62.71	5.011	
8,000.00	7,184.10	7,867.71	7,061.56	35.60	35.44	-66.99	-355.66	-502.14	313.67	247.45	66.21	4.737	
8,100.00	7,185.95	7,967.71	7,063.52	37.58	37.50	-66.97	-356.91	-402.17	313.13	243.15	69.98	4.474	
8,200.00	7,187.80	8,067.71	7,065.47	39.69	39.67	-66.95	-358.16	-302.20	312.59	238.62	73.97	4.226	
8,300.00	7,189.64	8,167.71	7,067.43	41.91	41.94	-66.93	-359.41	-202.23	312.05	233.91	78.14	3.994	
8,400.00	7,191.49	8,267.71	7,069.39	44.22	44.29	-66.91	-360.67	-102.25	311.51	229.05	82.46	3.778	
8,500.00	7,193.34	8,367.70	7,071.34	46.61	46.71	-66.89	-361.92	-2.28	310.97	224.05	86.92	3.578	
8,600.00	7,195.18	8,467.70	7,073.30	49.07	49.20	-66.87	-363.17	97.69	310.43	218.94	91.49	3.393	
8,700.00	7,197.03	8,567.70	7,075.26	51.58	51.74	-66.85	-364.43	197.66	309.90	213.74	96.16	3.223	
8,800.00	7,198.88	8,667.70	7,077.21	54.14	54.32	-66.83	-365.68	297.63	309.36	208.45	100.91	3.066	
8,900.00	7,200.73	8,767.70	7,079.17	56.74	56.94	-66.81	-366.93	397.60	308.82	203.09	105.73	2.921	
9,000.00	7,202.57	8,867.70	7,081.12	59.37	59.59	-66.79	-368.18	497.58	308.28	197.67	110.61	2.787	
9,100.00	7,204.42	8,967.70	7,083.08	62.04	62.27	-66.77	-369.44	597.55	307.74	192.19	115.55	2.663	
9,200.00	7,206.27	9,067.69	7,085.04	64.73	64.98	-66.75	-370.69	697.52	307.20	186.67	120.53	2.549	
9,300.00	7,208.11	9,167.69	7,086.99	67.44	67.70	-66.73	-371.94	797.49	306.66	181.11	125.56	2.442	
9,400.00	7,209.96	9,267.69	7,088.95	70.18	70.45	-66.70	-373.19	897.46	306.12	175.51	130.61	2.344	
9,500.00	7,211.81	9,367.69	7,090.90	72.93	73.22	-66.68	-374.45	997.43	305.59	169.88	135.70	2.252	
9,600.00	7,213.65	9,467.69	7,092.86	75.70	76.00	-66.66	-375.70	1,097.40	305.05	164.22	140.82	2.166	
9,700.00	7,215.50	9,567.69	7,094.82	78.49	78.79	-66.64	-376.95	1,197.38	304.51	158.54	145.97	2.086	
9,800.00	7,217.35	9,667.68	7,096.77	81.29	81.59	-66.62	-378.20	1,297.35	303.97	152.84	151.13	2.011	
9,900.00	7,219.20	9,767.68	7,098.73	84.09	84.41	-66.60	-379.46	1,397.32	303.43	147.12	156.32	1.941	
10,000.00	7,221.04	9,867.68	7,100.69	86.91	87.24	-66.58	-380.71	1,497.29	302.89	141.37	161.52	1.875	
10,100.00	7,222.89	9,967.68	7,102.64	89.74	90.07	-66.55	-381.96	1,597.26	302.36	135.62	166.74	1.813	
10,200.00	7,224.74	10,067.68	7,104.60	92.58	92.92	-66.53	-383.21	1,697.23	301.82	129.85	171.97	1.755	
10,300.00	7,226.58	10,167.68	7,106.55	95.43	95.77	-66.51	-384.47	1,797.20	301.28	124.06	177.22	1.700	
10,400.00	7,228.43	10,267.68	7,108.51	98.28	98.63	-66.49	-385.72	1,897.18	300.74	118.27	182.47	1.648	
10,500.00	7,230.28	10,367.67	7,110.47	101.14	101.49	-66.47	-386.97	1,997.15	300.20	112.46	187.74	1.599	
10,600.00	7,232.12	10,467.67	7,112.42	104.00	104.36	-66.45	-388.22	2,097.12	299.67	106.65	193.02	1.553	
10,700.00	7,233.97	10,567.67	7,114.38	106.87	107.24	-66.42	-389.48	2,197.09	299.13	100.82	198.30	1.508	
10,800.00	7,235.82	10,667.67	7,116.34	109.75	110.12	-66.40	-390.73	2,297.06	298.59	94.99	203.60	1.467 Level 3	
10,900.00	7,237.66	10,767.67	7,118.29	112.63	113.00	-66.38	-391.98	2,397.03	298.05	89.16	208.90	1.427 Level 3	
11,000.00	7,239.51	10,867.67	7,120.25	115.51	115.89	-66.36	-393.23	2,497.01	297.51	83.31	214.20	1.389 Level 3	
11,100.00	7,241.36	10,967.67	7,122.20	118.40	118.78	-66.33	-394.49	2,596.98	296.98	77.46	219.51	1.353 Level 3	
11,200.00	7,243.21	11,067.66	7,124.16	121.29	121.68	-66.31	-395.74	2,696.95	296.44	71.61	224.83	1.319 Level 3	
11,300.00	7,245.05	11,167.66	7,126.12	124.19	124.58	-66.29	-396.99	2,796.92	295.90	65.75	230.15	1.286 Level 3	
11,400.00	7,246.90	11,267.66	7,128.07	127.09	127.48	-66.27	-398.24	2,896.89	295.36	59.89	235.48	1.254 Level 3	
11,500.00	7,248.75	11,367.66	7,130.03	129.99	130.39	-66.24	-399.50	2,996.86	294.83	54.02	240.80	1.224 Level 2	
11,600.00	7,250.59	11,467.66	7,131.98	132.89	133.30	-66.22	-400.75	3,096.83	294.29	48.15	246.14	1.196 Level 2	
11,700.00	7,252.44	11,567.66	7,133.94	135.80	136.21	-66.20	-402.00	3,196.81	293.75	42.28	251.47	1.168 Level 2	
11,800.00	7,254.29	11,667.65	7,135.90	138.71	139.12	-66.18	-403.25	3,296.78	293.21	36.40	256.81	1.142 Level 2	
11,900.00	7,256.13	11,767.65	7,137.85	141.62	142.03	-66.15	-404.51	3,396.75	292.67	30.52	262.15	1.116 Level 2	
11,946.37	7,256.99	11,814.02	7,138.76	142.97	143.39	-66.14	-405.09	3,443.11	292.43	27.80	264.63	1.105 Level 2	
12,000.00	7,257.98	11,865.87	7,139.78	144.54	144.89	-66.16	-405.39	3,494.95	292.46	24.95	267.51	1.093 Level 2	
12,100.00	7,259.83	11,965.87	7,141.73	147.45	147.81	-66.19	-405.97	3,594.93	292.53	19.59	272.95	1.072 Level 2	
12,200.00	7,261.67	12,065.87	7,143.69	150.37	150.73	-66.22	-406.56	3,694.90	292.60	14.21	278.40	1.051 Level 2	
12,300.00	7,263.52	12,165.87	7,145.65	153.29	153.65	-66.25	-407.15	3,794.88	292.68	8.83	283.85	1.031 Level 2	
12,400.00	7,265.37	12,265.87	7,147.61	156.21	156.57	-66.28	-407.73	3,894.86	292.75	3.44	289.31	1.012 Level 2	
12,500.00	7,267.22	12,365.87	7,149.57	159.13	159.50	-66.31	-408.32	3,994.84	292.82	-1.96	294.77	0.993 Level 1	
12,600.00	7,269.06	12,465.87	7,151.52	162.06	162.42	-66.34	-408.91	4,094.82	292.89	-7.35	300.24	0.976 Level 1	
12,700.00	7,270.91	12,565.87	7,153.48	164.98	165.35	-66.37	-409.50	4,194.80	292.96	-12.76	305.72	0.958 Level 1	
12,800.00	7,272.76	12,665.87	7,155.44	167.91	168.28	-66.40	-410.08	4,294.78	293.03	-18.16	311.19	0.942 Level 1	
12,900.00	7,274.60	12,765.87	7,157.40	170.84	171.21	-66.43	-410.67	4,394.76	293.10	-23.57	316.68	0.926 Level 1	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-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
13,000.00	7,276.45	12,865.87	7,159.35	173.77	174.14	-66.46	-411.26	4,494.74	293.17	-28.99	322.16	0.910	Level 1
13,100.00	7,278.30	12,965.87	7,161.31	176.70	177.07	-66.49	-411.84	4,594.72	293.25	-34.41	327.66	0.895	Level 1
13,200.00	7,280.14	13,065.87	7,163.27	179.63	180.00	-66.51	-412.43	4,694.69	293.32	-39.83	333.15	0.880	Level 1
13,300.00	7,281.99	13,165.87	7,165.23	182.57	182.94	-66.54	-413.02	4,794.67	293.39	-45.26	338.65	0.866	Level 1
13,400.00	7,283.84	13,265.87	7,167.19	185.50	185.87	-66.57	-413.60	4,894.65	293.46	-50.69	344.16	0.853	Level 1
13,500.00	7,285.69	13,365.87	7,169.14	188.44	188.81	-66.60	-414.19	4,994.63	293.53	-56.13	349.66	0.839	Level 1
13,600.00	7,287.53	13,465.87	7,171.10	191.37	191.74	-66.63	-414.78	5,094.61	293.61	-61.57	355.17	0.827	Level 1
13,700.00	7,289.38	13,565.87	7,173.06	194.31	194.68	-66.66	-415.36	5,194.59	293.68	-67.01	360.69	0.814	Level 1
13,800.00	7,291.23	13,665.87	7,175.02	197.24	197.62	-66.60	-415.95	5,294.56	292.82	-73.19	366.01	0.800	Level 1
13,900.00	7,293.07	13,765.86	7,176.98	200.17	200.56	-66.53	-416.54	5,394.54	291.75	-79.53	371.28	0.786	Level 1
14,000.00	7,294.92	13,865.85	7,178.93	203.11	203.50	-66.47	-417.12	5,494.51	290.69	-85.86	376.55	0.772	Level 1
14,100.00	7,296.77	13,965.85	7,180.89	206.04	206.44	-66.40	-417.71	5,594.48	289.62	-92.19	381.82	0.759	Level 1
14,200.00	7,298.61	14,065.84	7,182.85	208.98	209.38	-66.33	-418.30	5,694.45	288.56	-98.52	387.08	0.745	Level 1
14,300.00	7,300.46	14,165.84	7,184.81	211.92	212.32	-66.26	-418.88	5,794.43	287.49	-104.84	392.33	0.733	Level 1
14,400.00	7,302.31	14,265.83	7,186.77	214.86	215.26	-66.19	-419.47	5,894.40	286.43	-111.15	397.58	0.720	Level 1
14,500.00	7,304.15	14,365.82	7,188.72	217.80	218.21	-66.12	-420.06	5,994.37	285.37	-117.46	402.82	0.708	Level 1
14,600.00	7,306.00	14,465.82	7,190.68	220.74	221.15	-66.05	-420.64	6,094.35	284.30	-123.76	408.06	0.697	Level 1
14,700.00	7,307.85	14,565.81	7,192.64	223.68	224.10	-65.98	-421.23	6,194.32	283.24	-130.05	413.29	0.685	Level 1
14,800.00	7,309.70	14,665.80	7,194.60	226.62	227.04	-65.91	-421.82	6,294.29	282.18	-136.33	418.51	0.674	Level 1
14,900.00	7,311.54	14,765.80	7,196.55	229.56	229.98	-65.84	-422.41	6,394.26	281.12	-142.61	423.73	0.663	Level 1
15,000.00	7,313.39	14,865.79	7,198.51	232.50	232.93	-65.76	-422.99	6,494.24	280.06	-148.89	428.94	0.653	Level 1
15,100.00	7,315.24	14,965.79	7,200.47	235.44	235.88	-65.69	-423.58	6,594.21	278.99	-155.15	434.14	0.643	Level 1
15,200.00	7,317.08	15,065.78	7,202.43	238.39	238.82	-65.62	-424.17	6,694.18	277.93	-161.41	439.34	0.633	Level 1
15,300.00	7,318.93	15,165.77	7,204.39	241.33	241.77	-65.54	-424.75	6,794.16	276.87	-167.66	444.53	0.623	Level 1
15,400.00	7,320.78	15,265.77	7,206.34	244.27	244.72	-65.47	-425.34	6,894.13	275.81	-173.90	449.71	0.613	Level 1
15,500.00	7,322.62	15,365.76	7,208.30	247.22	247.66	-65.39	-425.93	6,994.10	274.76	-180.13	454.89	0.604	Level 1
15,600.00	7,324.47	15,465.75	7,210.26	250.16	250.61	-65.32	-426.51	7,094.07	273.70	-186.36	460.05	0.595	Level 1
15,700.00	7,326.32	15,565.75	7,212.22	253.11	253.56	-65.24	-427.10	7,194.05	272.64	-192.58	465.21	0.586	Level 1
15,800.00	7,328.16	15,665.74	7,214.17	256.05	256.51	-65.16	-427.69	7,294.02	271.58	-198.78	470.37	0.577	Level 1
15,900.00	7,330.01	15,765.74	7,216.13	259.00	259.46	-65.09	-428.27	7,393.99	270.52	-204.98	475.51	0.569	Level 1
16,000.00	7,331.86	15,865.73	7,218.09	261.94	262.41	-65.01	-428.86	7,493.97	269.47	-211.18	480.64	0.561	Level 1
16,100.00	7,333.70	15,965.72	7,220.05	264.89	265.36	-64.93	-429.45	7,593.94	268.41	-217.36	485.77	0.553	Level 1
16,200.00	7,335.55	16,065.72	7,222.01	267.84	268.31	-64.85	-430.03	7,693.91	267.36	-223.53	490.89	0.545	Level 1
16,300.00	7,337.40	16,165.71	7,223.96	270.78	271.26	-64.77	-430.62	7,793.88	266.30	-229.70	496.00	0.537	Level 1
16,400.00	7,339.25	16,265.70	7,225.92	273.73	274.21	-64.69	-431.21	7,893.86	265.25	-235.85	501.10	0.529	Level 1
16,500.00	7,341.09	16,365.70	7,227.88	276.68	277.16	-64.61	-431.79	7,993.83	264.19	-242.00	506.19	0.522	Level 1
16,600.00	7,342.94	16,465.69	7,229.84	279.62	280.11	-64.53	-432.38	8,093.80	263.14	-248.13	511.27	0.515	Level 1
16,700.00	7,344.79	16,565.69	7,231.80	282.57	283.06	-64.44	-432.97	8,193.78	262.09	-254.26	516.35	0.508	Level 1
16,800.00	7,346.63	16,665.68	7,233.75	285.52	286.02	-64.36	-433.55	8,293.75	261.03	-260.38	521.41	0.501	Level 1
16,900.00	7,348.48	16,765.67	7,235.71	288.47	288.97	-64.28	-434.14	8,393.72	259.98	-266.48	526.46	0.494	Level 1
17,000.00	7,350.33	16,865.67	7,237.67	291.42	291.92	-64.19	-434.73	8,493.69	258.93	-272.58	531.51	0.487	Level 1
17,100.00	7,352.17	16,965.66	7,239.63	294.37	294.87	-64.10	-435.32	8,593.67	257.88	-278.66	536.54	0.481	Level 1
17,200.00	7,354.02	17,065.65	7,241.58	297.32	297.83	-64.02	-435.90	8,693.64	256.83	-284.73	541.56	0.474	Level 1
17,300.00	7,355.87	17,165.65	7,243.54	300.27	300.78	-63.93	-436.49	8,793.61	255.78	-290.80	546.58	0.468	Level 1
17,400.00	7,357.71	17,265.64	7,245.50	303.22	303.73	-63.84	-437.08	8,893.59	254.73	-296.85	551.58	0.462	Level 1
17,500.00	7,359.56	17,365.64	7,247.46	306.17	306.69	-63.76	-437.66	8,993.56	253.68	-302.89	556.57	0.456	Level 1
17,600.00	7,361.41	17,465.63	7,249.42	309.12	309.64	-63.67	-438.25	9,093.53	252.64	-308.91	561.55	0.450	Level 1
17,682.59	7,362.93	17,548.21	7,251.03	311.55	312.08	-63.59	-438.73	9,176.09	251.77	-313.88	565.65	0.445	Level 1, ES, SF
17,686.20	7,363.00	17,546.55	7,251.00	311.66	312.03	-63.59	-438.72	9,174.43	251.79	-313.83	565.62	0.445	Level 1

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 9N-8C-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
8,000.00	7,184.10	6,882.10	6,858.14	35.60	15.81	71.64	-1,645.18	-20.36	1,159.00	1,109.69	49.31	23.505	
8,100.00	7,185.95	6,910.22	6,882.43	37.58	15.86	72.91	-1,646.48	-6.27	1,119.87	1,068.22	51.65	21.683	
8,200.00	7,187.80	6,942.87	6,909.82	39.69	15.91	74.36	-1,647.98	11.43	1,087.04	1,032.84	54.21	20.054	
8,300.00	7,189.64	6,981.03	6,940.64	41.91	15.98	76.01	-1,649.72	33.86	1,060.72	1,003.78	56.94	18.630	
8,400.00	7,191.49	7,025.86	6,975.04	44.22	16.06	77.87	-1,651.72	62.52	1,040.86	981.08	59.78	17.411	
8,500.00	7,193.34	7,078.71	7,012.88	46.61	16.19	79.93	-1,654.03	99.31	1,027.13	964.42	62.71	16.378	
8,600.00	7,195.18	7,140.96	7,053.37	49.07	16.42	82.15	-1,656.64	146.50	1,018.87	953.13	65.74	15.498	
8,700.00	7,197.03	7,213.83	7,094.63	51.58	16.91	84.41	-1,659.52	206.45	1,015.08	946.13	68.95	14.722	
8,775.53	7,198.43	7,276.29	7,124.35	53.51	17.52	86.04	-1,661.81	261.30	1,014.38	942.82	71.56	14.175 CC	
8,800.00	7,198.88	7,297.87	7,133.35	54.14	17.77	86.53	-1,662.56	280.90	1,014.44	942.00	72.44	14.005	
8,900.00	7,200.73	7,392.24	7,164.73	56.74	19.08	88.21	-1,665.55	369.76	1,015.53	939.17	76.36	13.299	
9,000.00	7,202.57	7,494.19	7,183.49	59.37	20.83	89.17	-1,668.20	469.82	1,017.08	936.33	80.75	12.596	
9,100.00	7,204.42	7,597.13	7,187.23	62.04	22.85	89.27	-1,670.26	572.62	1,018.34	932.90	85.44	11.919	
9,200.00	7,206.27	7,702.88	7,187.79	64.73	25.14	89.20	-1,672.14	672.59	1,019.52	929.09	90.43	11.274	
9,300.00	7,208.11	7,802.90	7,188.36	67.44	27.47	89.13	-1,674.01	772.55	1,020.70	925.23	95.47	10.691	
9,400.00	7,209.96	7,902.91	7,188.93	70.18	29.90	89.06	-1,675.89	872.52	1,021.88	921.24	100.64	10.153	
9,500.00	7,211.81	8,002.93	7,189.49	72.93	32.43	88.99	-1,677.76	972.48	1,023.06	917.14	105.93	9.658	
9,600.00	7,213.65	8,102.94	7,190.06	75.70	35.02	88.92	-1,679.63	1,072.45	1,024.25	912.96	111.29	9.203	
9,700.00	7,215.50	8,202.96	7,190.63	78.49	37.67	88.85	-1,681.51	1,172.42	1,025.43	908.71	116.73	8.785	
9,800.00	7,217.35	8,297.03	7,191.20	81.29	40.21	88.78	-1,683.38	1,272.38	1,026.62	904.56	122.06	8.411	
9,900.00	7,219.20	8,402.99	7,191.76	84.09	43.10	88.71	-1,685.25	1,372.35	1,027.81	900.05	127.76	8.045	
10,000.00	7,221.04	8,503.00	7,192.33	86.91	45.86	88.64	-1,687.13	1,472.31	1,029.00	895.66	133.34	7.717	
10,100.00	7,222.89	8,603.02	7,192.90	89.74	48.65	88.57	-1,689.00	1,572.28	1,030.19	891.24	138.95	7.414	
10,200.00	7,224.74	8,703.03	7,193.46	92.58	51.45	88.50	-1,690.88	1,672.25	1,031.39	886.80	144.59	7.133	
10,300.00	7,226.58	8,803.04	7,194.03	95.43	54.27	88.43	-1,692.75	1,772.21	1,032.58	882.33	150.25	6.872	
10,400.00	7,228.43	8,903.06	7,194.60	98.28	57.11	88.36	-1,694.62	1,872.18	1,033.78	877.84	155.94	6.629	
10,500.00	7,230.28	9,003.07	7,195.16	101.14	59.96	88.29	-1,696.50	1,972.14	1,034.97	873.33	161.64	6.403	
10,600.00	7,232.12	9,096.91	7,195.73	104.00	62.65	88.22	-1,698.37	2,072.11	1,036.17	868.99	167.19	6.198	
10,700.00	7,233.97	9,203.10	7,196.30	106.87	65.69	88.15	-1,700.24	2,172.08	1,037.37	864.28	173.10	5.993	
10,800.00	7,235.82	9,303.12	7,196.87	109.75	68.57	88.08	-1,702.12	2,272.04	1,038.58	859.73	178.85	5.807	
10,900.00	7,237.66	9,403.13	7,197.43	112.63	71.46	88.02	-1,703.99	2,372.01	1,039.78	855.18	184.60	5.632	
11,000.00	7,239.51	9,503.15	7,198.00	115.51	74.35	87.95	-1,705.87	2,471.97	1,040.99	850.61	190.37	5.468	
11,100.00	7,241.36	9,603.16	7,198.57	118.40	77.25	87.88	-1,707.74	2,571.94	1,042.19	846.04	196.15	5.313	
11,200.00	7,243.21	9,703.18	7,199.13	121.29	80.15	87.81	-1,709.61	2,671.91	1,043.40	841.46	201.94	5.167	
11,300.00	7,245.05	9,803.19	7,199.70	124.19	83.06	87.74	-1,711.49	2,771.87	1,044.61	836.88	207.73	5.029	
11,400.00	7,246.90	9,903.21	7,200.27	127.09	85.97	87.68	-1,713.36	2,871.84	1,045.82	832.29	213.53	4.898	
11,500.00	7,248.75	10,003.22	7,200.83	129.99	88.89	87.61	-1,715.24	2,971.80	1,047.03	827.70	219.34	4.774	
11,600.00	7,250.59	10,103.24	7,201.40	132.89	91.81	87.54	-1,717.11	3,071.77	1,048.25	823.10	225.15	4.656	
11,700.00	7,252.44	10,203.25	7,201.97	135.80	94.73	87.47	-1,718.98	3,171.73	1,049.46	818.50	230.96	4.544	
11,800.00	7,254.29	10,303.27	7,202.53	138.71	97.66	87.41	-1,720.86	3,271.70	1,050.68	813.90	236.78	4.437	
11,900.00	7,256.13	10,396.72	7,203.10	141.62	100.39	87.34	-1,722.73	3,371.67	1,051.90	809.48	242.41	4.339	
12,000.00	7,257.98	10,503.30	7,203.67	144.54	103.52	87.27	-1,724.60	3,471.63	1,053.12	804.68	248.43	4.239	
12,100.00	7,259.83	10,603.31	7,204.24	147.45	106.45	87.21	-1,726.48	3,571.60	1,054.34	800.07	254.26	4.147	
12,200.00	7,261.67	10,696.67	7,204.80	150.37	109.19	87.14	-1,728.35	3,671.56	1,055.56	795.66	259.90	4.061	
12,300.00	7,263.52	10,789.37	7,205.33	153.29	111.91	87.08	-1,730.69	3,764.23	1,057.41	791.89	265.52	3.982	
12,400.00	7,265.37	10,889.34	7,205.90	156.21	114.85	87.02	-1,733.25	3,864.17	1,059.32	787.97	271.35	3.904	
12,500.00	7,267.22	10,989.31	7,206.46	159.13	117.79	86.95	-1,735.82	3,964.11	1,061.24	784.04	277.20	3.828	
12,600.00	7,269.06	11,089.29	7,207.03	162.06	120.73	86.89	-1,738.38	4,064.05	1,063.16	780.12	283.04	3.756	
12,700.00	7,270.91	11,189.26	7,207.60	164.98	123.67	86.83	-1,740.94	4,163.99	1,065.08	776.19	288.88	3.687	
12,800.00	7,272.76	11,289.24	7,208.16	167.91	126.61	86.76	-1,743.51	4,263.93	1,067.00	772.26	294.73	3.620	
12,900.00	7,274.60	11,389.21	7,208.73	170.84	129.56	86.70	-1,746.07	4,363.87	1,068.92	768.34	300.58	3.556	
13,000.00	7,276.45	11,489.19	7,209.30	173.77	132.51	86.64	-1,748.64	4,463.81	1,070.84	764.41	306.43	3.495	
13,100.00	7,278.30	11,589.16	7,209.86	176.70	135.45	86.58	-1,751.20	4,563.75	1,072.76	760.48	312.28	3.435	
13,200.00	7,280.14	11,689.14	7,210.43	179.63	138.40	86.51	-1,753.76	4,663.69	1,074.69	756.56	318.13	3.378	
13,300.00	7,281.99	11,789.11	7,211.00	182.57	141.35	86.45	-1,756.33	4,763.63	1,076.62	752.63	323.99	3.323	
13,400.00	7,283.84	11,889.09	7,211.57	185.50	144.30	86.39	-1,758.89	4,863.57	1,078.54	748.70	329.84	3.270	
13,500.00	7,285.69	11,989.06	7,212.13	188.44	147.25	86.33	-1,761.46	4,963.51	1,080.47	744.78	335.69	3.219	
13,600.00	7,287.53	12,089.04	7,212.70	191.37	150.20	86.27	-1,764.02	5,063.45	1,082.40	740.85	341.55	3.169	
13,700.00	7,289.38	12,189.01	7,213.27	194.31	153.15	86.21	-1,766.58	5,163.39	1,084.34	736.93	347.40	3.121	
13,800.00	7,291.23	12,288.96	7,213.83	197.24	156.11	86.16	-1,769.15	5,263.30	1,087.28	734.03	353.25	3.078	
13,900.00	7,293.07	12,388.90	7,214.40	200.17	159.06	86.10	-1,771.71	5,363.21	1,090.45	731.35	359.10	3.037	
14,000.00	7,294.92	12,488.85	7,214.97	203.11	162.01	86.05	-1,774.27	5,463.12	1,093.62	728.66	364.96	2.997	
14,100.00	7,296.77	12,588.79	7,215.53	206.04	164.97	85.99	-1,776.84	5,563.03	1,096.79	725.98	370.81	2.958	
14,200.00	7,298.61	12,688.74	7,216.10	208.98	167.92	85.94	-1,77,						

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 9N-8C-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					Separation Factor	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)					
14,500.00	7,304.15	12,988.57	7,217.80	217.80	176.78	85.77	-1,787.09	5,962.67	1,109.49	715.27	394.23	2.814				
14,600.00	7,306.00	13,088.51	7,218.37	220.74	179.74	85.72	-1,789.65	6,062.58	1,112.67	712.59	400.08	2.781				
14,700.00	7,307.85	13,188.46	7,218.94	223.68	182.70	85.67	-1,792.22	6,162.49	1,115.85	709.92	405.93	2.749				
14,800.00	7,309.70	13,288.40	7,219.50	226.62	185.65	85.61	-1,794.78	6,262.40	1,119.03	707.24	411.79	2.717				
14,900.00	7,311.54	13,388.34	7,220.07	229.56	188.61	85.56	-1,797.34	6,362.31	1,122.21	704.57	417.64	2.687				
15,000.00	7,313.39	13,488.29	7,220.64	232.50	191.57	85.51	-1,799.91	6,462.22	1,125.39	701.90	423.50	2.657				
15,100.00	7,315.24	13,588.23	7,221.20	235.44	194.53	85.46	-1,802.47	6,562.13	1,128.58	699.23	429.35	2.629				
15,200.00	7,317.08	13,688.18	7,221.77	238.39	197.48	85.40	-1,805.03	6,662.04	1,131.76	696.56	435.20	2.601				
15,300.00	7,318.93	13,788.12	7,222.34	241.33	200.44	85.35	-1,807.60	6,761.95	1,134.94	693.89	441.06	2.573				
15,400.00	7,320.78	13,888.07	7,222.90	244.27	203.40	85.30	-1,810.16	6,861.86	1,138.13	691.22	446.91	2.547				
15,500.00	7,322.62	13,988.01	7,223.47	247.22	206.36	85.25	-1,812.72	6,961.77	1,141.32	688.55	452.76	2.521				
15,600.00	7,324.47	14,087.95	7,224.04	250.16	209.32	85.20	-1,815.29	7,061.68	1,144.50	685.89	458.62	2.496				
15,700.00	7,326.32	14,187.90	7,224.60	253.11	212.28	85.15	-1,817.85	7,161.59	1,147.69	683.22	464.47	2.471				
15,800.00	7,328.16	14,287.84	7,225.17	256.05	215.24	85.10	-1,820.41	7,261.50	1,150.88	680.56	470.32	2.447				
15,900.00	7,330.01	14,387.79	7,225.74	259.00	218.20	85.05	-1,822.98	7,361.40	1,154.07	677.90	476.17	2.424				
16,000.00	7,331.86	14,517.24	7,226.47	261.94	222.02	84.97	-1,824.20	7,490.84	1,155.55	672.72	482.83	2.393				
16,100.00	7,333.70	14,617.23	7,227.03	264.89	224.98	84.91	-1,824.20	7,590.83	1,156.19	667.52	488.67	2.366				
16,200.00	7,335.55	14,717.22	7,227.59	267.84	227.93	84.85	-1,824.21	7,690.82	1,156.83	662.32	494.51	2.339				
16,300.00	7,337.40	14,817.21	7,228.16	270.78	230.88	84.79	-1,824.21	7,790.81	1,157.48	657.13	500.35	2.313				
16,400.00	7,339.25	14,917.20	7,228.72	273.73	233.84	84.73	-1,824.21	7,890.80	1,158.12	651.94	506.18	2.288				
16,500.00	7,341.09	15,017.19	7,229.28	276.68	236.79	84.67	-1,824.21	7,990.79	1,158.77	646.75	512.02	2.263				
16,600.00	7,342.94	15,117.18	7,229.85	279.62	239.75	84.61	-1,824.22	8,090.78	1,159.41	641.57	517.85	2.239				
16,700.00	7,344.79	15,217.17	7,230.41	282.57	242.70	84.55	-1,824.22	8,190.77	1,160.06	636.38	523.68	2.215				
16,800.00	7,346.63	15,317.16	7,230.97	285.52	245.66	84.49	-1,824.22	8,290.75	1,160.71	631.20	529.51	2.192				
16,900.00	7,348.48	15,417.15	7,231.53	288.47	248.62	84.42	-1,824.22	8,390.74	1,161.36	626.02	535.34	2.169				
17,000.00	7,350.33	15,517.14	7,232.10	291.42	251.57	84.36	-1,824.23	8,490.73	1,162.02	620.85	541.17	2.147				
17,100.00	7,352.17	15,617.13	7,232.66	294.37	254.53	84.30	-1,824.23	8,590.72	1,162.67	615.67	547.00	2.126				
17,200.00	7,354.02	15,717.12	7,233.22	297.32	257.48	84.24	-1,824.23	8,690.71	1,163.33	610.50	552.82	2.104				
17,300.00	7,355.87	15,817.11	7,233.79	300.27	260.44	84.18	-1,824.24	8,790.70	1,163.98	605.33	558.65	2.084				
17,400.00	7,357.71	15,917.10	7,234.35	303.22	263.40	84.12	-1,824.24	8,890.69	1,164.64	600.17	564.47	2.063				
17,500.00	7,359.56	16,017.09	7,234.91	306.17	266.35	84.06	-1,824.24	8,990.68	1,165.30	595.00	570.29	2.043				
17,600.00	7,361.41	16,117.08	7,235.47	309.12	269.31	84.00	-1,824.24	9,090.66	1,165.96	589.84	576.12	2.024				
17,686.20	7,363.00	16,203.27	7,235.96	311.66	271.86	83.95	-1,824.25	9,176.85	1,166.53	585.40	581.13	2.007 ES, SF				

Offset Design		5N-66W-07 Offsets - ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,000.00	7,202.57	7,223.94	7,214.76	59.37	16.81	93.05	-1,766.35	915.86	1,194.75	1,121.20	73.55	16.244	
9,100.00	7,204.42	7,219.87	7,210.69	62.04	16.75	92.84	-1,766.50	916.10	1,162.22	1,084.99	77.23	15.049	
9,200.00	7,206.27	7,215.80	7,206.63	64.73	16.69	92.63	-1,766.66	916.34	1,137.56	1,056.77	80.79	14.081	
9,300.00	7,208.11	7,211.72	7,202.57	67.44	16.63	92.42	-1,766.81	916.58	1,121.29	1,037.19	84.10	13.333	
9,400.00	7,209.96	7,207.65	7,198.51	70.18	16.58	92.21	-1,766.96	916.82	1,113.78	1,026.73	87.05	12.794	
9,434.05	7,210.59	7,206.26	7,197.12	71.12	16.55	92.14	-1,767.02	916.91	1,113.26	1,025.30	87.96	12.657	CC, ES
9,500.00	7,211.81	7,203.58	7,194.44	72.93	16.52	92.00	-1,767.12	917.06	1,115.21	1,025.67	89.54	12.454	
9,600.00	7,213.65	7,199.51	7,190.38	75.70	16.46	91.79	-1,767.27	917.30	1,125.54	1,034.03	91.51	12.299	
9,700.00	7,215.50	7,204.57	7,186.32	78.49	16.53	91.58	-1,767.43	917.54	1,144.54	1,051.48	93.06	12.299	SF
9,800.00	7,217.35	7,191.36	7,182.25	81.29	16.40	91.37	-1,767.58	917.78	1,171.77	1,077.91	93.86	12.484	

Offset Design 5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys													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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,300.00	7,189.64	7,475.53	7,226.91	41.91	19.08	-101.32	-444.25	937.75	1,165.39	1,126.07	39.32	29.637		
8,400.00	7,191.49	7,470.76	7,222.17	44.22	19.08	-100.08	-444.53	938.07	1,067.25	1,027.58	39.67	26.904		
8,500.00	7,193.34	7,465.99	7,217.42	46.61	19.07	-98.83	-444.82	938.38	969.47	929.31	40.16	24.141		
8,600.00	7,195.18	7,461.22	7,212.67	49.07	19.06	-97.57	-445.11	938.69	872.16	831.30	40.86	21.346		
8,700.00	7,197.03	7,456.46	7,207.92	51.58	19.05	-96.30	-445.40	939.01	775.50	733.64	41.87	18.524		
8,800.00	7,198.88	7,451.69	7,203.17	54.14	19.04	-95.02	-445.69	939.32	679.78	636.44	43.34	15.684		
8,900.00	7,200.73	7,446.92	7,198.42	56.74	19.03	-93.73	-445.98	939.63	585.46	539.91	45.55	12.854		
9,000.00	7,202.57	7,442.15	7,193.67	59.37	19.02	-92.43	-446.26	939.95	493.33	444.43	48.89	10.090		
9,100.00	7,204.42	7,437.38	7,188.92	62.04	19.01	-91.13	-446.55	940.26	404.89	350.83	54.06	7.490		
9,200.00	7,206.27	7,432.61	7,184.17	64.73	19.01	-89.82	-446.84	940.57	323.20	261.19	62.00	5.213		
9,300.00	7,208.11	7,427.84	7,179.42	67.44	19.00	-88.50	-447.13	940.89	254.81	181.42	73.40	3.472		
9,400.00	7,209.96	7,423.07	7,174.67	70.18	18.99	-87.19	-447.42	941.20	212.98	127.80	85.18	2.500		
9,448.08	7,210.85	7,420.78	7,172.38	71.50	18.98	-86.56	-447.56	941.35	207.49	119.43	88.06	2.356	CC, ES, SF	
9,500.00	7,211.81	7,418.30	7,169.92	72.93	18.98	-85.87	-447.71	941.51	213.87	126.18	87.70	2.439		
9,600.00	7,213.65	7,413.53	7,165.17	75.70	18.97	-84.56	-447.99	941.83	257.06	177.08	79.98	3.214		
9,700.00	7,215.50	7,408.76	7,160.41	78.49	18.96	-83.24	-448.28	942.14	326.15	255.31	70.84	4.604		
9,800.00	7,217.35	7,403.99	7,155.66	81.29	18.95	-81.93	-448.57	942.45	408.19	344.36	63.83	6.395		
9,900.00	7,219.20	7,399.22	7,150.92	84.09	18.95	-80.63	-448.86	942.77	496.81	437.92	58.89	8.436		
10,000.00	7,221.04	7,394.50	7,146.21	86.91	18.94	-79.35	-449.14	943.08	589.05	533.65	55.40	10.634		
10,100.00	7,222.89	7,389.78	7,141.51	89.74	18.93	-78.07	-449.43	943.39	683.44	630.57	52.87	12.927		
10,200.00	7,224.74	7,385.05	7,136.80	92.58	18.92	-76.80	-449.71	943.70	779.20	728.21	50.99	15.281		
10,300.00	7,226.58	7,380.33	7,132.09	95.43	18.91	-75.54	-449.99	944.01	875.88	826.32	49.57	17.671		
10,400.00	7,228.43	7,375.60	7,127.38	98.28	18.91	-74.29	-450.27	944.32	973.22	924.76	48.46	20.084		
10,500.00	7,230.28	7,370.86	7,122.67	101.14	18.90	-73.05	-450.55	944.63	1,071.02	1,023.43	47.58	22.508		
10,600.00	7,232.12	7,366.13	7,117.95	104.00	18.89	-71.82	-450.83	944.94	1,169.17	1,122.29	46.88	24.938		

Offset Design		5N-66W-07 Offsets - SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surveys											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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,000.00	7,257.98	7,261.16	7,159.02	144.54	16.09	89.32	-1,811.08	3,786.59	1,175.98	1,019.56	156.42	7.518		
12,100.00	7,259.83	7,263.19	7,161.05	147.45	16.09	89.42	-1,811.09	3,786.60	1,154.22	992.36	161.86	7.131		
12,200.00	7,261.67	7,265.23	7,163.09	150.37	16.10	89.52	-1,811.11	3,786.60	1,140.85	974.41	166.44	6.854		
12,300.00	7,263.52	7,267.27	7,165.14	153.29	16.10	89.62	-1,811.12	3,786.60	1,136.14	966.17	169.97	6.684		
12,303.57	7,263.59	7,267.35	7,165.21	153.39	16.10	89.63	-1,811.12	3,786.60	1,136.14	966.06	170.08	6.680 CC, ES		
12,400.00	7,265.37	7,269.33	7,167.20	156.21	16.10	89.73	-1,811.13	3,786.61	1,140.22	967.87	172.35	6.616 SF		
12,500.00	7,267.22	7,271.40	7,169.26	159.13	16.11	89.83	-1,811.15	3,786.61	1,152.99	979.44	173.55	6.644		
12,600.00	7,269.06	7,273.47	7,171.34	162.06	16.11	89.94	-1,811.16	3,786.62	1,174.16	1,000.55	173.61	6.763		

Offset Design 5N-66W-07 Offsets - STEPHENS 7-13 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error: 0.00 usft		
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7350-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	
9,600.00	7,213.65	7,200.00	7,192.07	75.70	15.84	-92.41	-170.98	2,160.90	1,174.81	1,122.92	51.90	22.637	
9,700.00	7,215.50	7,200.00	7,192.07	78.49	15.84	-92.41	-170.98	2,160.90	1,084.85	1,029.59	55.26	19.632	
9,800.00	7,217.35	7,200.00	7,192.07	81.29	15.84	-92.41	-170.98	2,160.90	996.80	937.53	59.27	16.818	
9,900.00	7,219.20	7,206.48	7,198.53	84.09	15.86	-93.16	-170.76	2,160.42	911.19	847.06	64.13	14.208	
10,000.00	7,221.04	7,200.81	7,192.88	86.91	15.85	-92.50	-170.96	2,160.84	828.87	759.10	69.77	11.879	
10,100.00	7,222.89	7,195.20	7,187.28	89.74	15.83	-91.85	-171.14	2,161.26	750.81	674.34	76.47	9.818	
10,200.00	7,224.74	7,189.63	7,181.73	92.58	15.82	-91.21	-171.33	2,161.68	678.48	594.17	84.31	8.047	
10,300.00	7,226.58	7,184.11	7,176.23	95.43	15.81	-90.57	-171.51	2,162.09	613.92	520.71	93.21	6.586	
10,400.00	7,228.43	7,178.63	7,170.77	98.28	15.80	-89.93	-171.69	2,162.50	559.82	457.08	102.74	5.449	
10,500.00	7,230.28	7,173.21	7,165.37	101.14	15.79	-89.30	-171.86	2,162.90	519.46	407.55	111.91	4.642	
10,600.00	7,232.12	7,167.83	7,160.00	104.00	15.78	-88.67	-172.03	2,163.30	496.20	377.07	119.13	4.165	
10,668.46	7,233.39	7,164.17	7,156.36	105.97	15.77	-88.25	-172.15	2,163.57	491.47	369.35	122.11	4.025 CC, ES	
10,700.00	7,233.97	7,162.50	7,154.69	106.87	15.76	-88.05	-172.20	2,163.69	492.48	369.64	122.84	4.009 SF	
10,800.00	7,235.82	7,157.21	7,149.42	109.75	15.75	-87.44	-172.36	2,164.08	508.72	386.29	122.42	4.155	
10,900.00	7,237.66	7,151.96	7,144.19	112.63	15.74	-86.83	-172.52	2,164.46	543.13	424.51	118.62	4.579	
11,000.00	7,239.51	7,146.76	7,139.01	115.51	15.73	-86.22	-172.68	2,164.84	592.57	479.70	112.87	5.250	
11,100.00	7,241.36	7,141.61	7,133.87	118.40	15.72	-85.62	-172.83	2,165.22	653.63	547.17	106.46	6.140	
11,200.00	7,243.21	7,136.50	7,128.77	121.29	15.71	-85.03	-172.98	2,165.59	723.37	623.16	100.20	7.219	
11,300.00	7,245.05	7,131.42	7,123.71	124.19	15.70	-84.44	-173.12	2,165.95	799.52	705.04	94.48	8.462	
11,400.00	7,246.90	7,126.40	7,118.70	127.09	15.69	-83.86	-173.26	2,166.32	880.43	791.02	89.41	9.847	
11,500.00	7,248.75	7,121.41	7,113.73	129.99	15.68	-83.28	-173.40	2,166.67	964.90	879.90	84.99	11.353	
11,600.00	7,250.59	7,116.46	7,108.80	132.89	15.67	-82.71	-173.54	2,167.03	1,052.07	970.91	81.16	12.963	
11,700.00	7,252.44	7,111.56	7,103.90	135.80	15.66	-82.15	-173.67	2,167.38	1,141.32	1,063.48	77.84	14.663	

Offset Design 5N-66W-07 Offsets - STEPHENS 7-14 - SRC Energy SI Well - Actual VES Surveys												Offset Site Error:		0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7350-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			
10,800.00	7,235.82	7,154.46	7,152.10	109.75	15.68	-86.04	-324.13	3,397.12	1,156.97	1,103.15	53.82	21.499			
10,900.00	7,237.66	7,156.58	7,154.22	112.63	15.69	-86.39	-324.14	3,397.13	1,062.05	1,004.84	57.21	18.563			
11,000.00	7,239.51	7,158.71	7,156.35	115.51	15.69	-86.74	-324.14	3,397.13	968.15	906.82	61.33	15.785			
11,100.00	7,241.36	7,160.87	7,158.51	118.40	15.69	-87.09	-324.14	3,397.14	875.59	809.22	66.38	13.191			
11,200.00	7,243.21	7,163.04	7,160.68	121.29	15.70	-87.45	-324.14	3,397.15	784.86	712.26	72.61	10.810			
11,300.00	7,245.05	7,165.24	7,162.88	124.19	15.70	-87.81	-324.15	3,397.16	696.67	616.29	80.38	8.668			
11,400.00	7,246.90	7,167.45	7,165.09	127.09	15.71	-88.17	-324.15	3,397.17	612.10	521.99	90.11	6.793			
11,500.00	7,248.75	7,169.69	7,167.33	129.99	15.71	-88.54	-324.15	3,397.18	532.90	430.63	102.27	5.211			
11,600.00	7,250.59	7,171.95	7,169.59	132.89	15.72	-88.91	-324.16	3,397.19	461.83	344.76	117.07	3.945			
11,700.00	7,252.44	7,174.23	7,171.87	135.80	15.72	-89.29	-324.16	3,397.20	403.21	269.47	133.74	3.015			
11,800.00	7,254.29	7,176.53	7,174.17	138.71	15.73	-89.67	-324.16	3,397.21	363.13	213.94	149.19	2.434			
11,900.00	7,256.13	7,178.85	7,176.49	141.62	15.73	-90.05	-324.16	3,397.23	348.05	190.26	157.78	2.206			
11,903.67	7,256.20	7,178.94	7,176.58	141.73	15.73	-90.06	-324.16	3,397.23	348.03	190.13	157.90	2.204	CC, ES, SF		
12,000.00	7,257.98	7,181.20	7,178.84	144.54	15.74	-90.43	-324.17	3,397.24	361.11	205.48	155.63	2.320			
12,100.00	7,259.83	7,183.56	7,181.20	147.45	15.74	-90.82	-324.17	3,397.25	399.56	254.47	145.09	2.754			
12,200.00	7,261.67	7,185.95	7,183.59	150.37	15.75	-91.22	-324.17	3,397.26	457.04	325.49	131.56	3.474			
12,300.00	7,263.52	7,188.37	7,186.01	153.29	15.75	-91.61	-324.17	3,397.28	527.36	408.74	118.62	4.446			
12,400.00	7,265.37	7,190.81	7,188.45	156.21	15.76	-92.01	-324.18	3,397.29	606.08	498.51	107.56	5.635			
12,500.00	7,267.22	7,193.27	7,190.91	159.13	15.76	-92.42	-324.18	3,397.30	690.31	591.84	98.47	7.010			
12,600.00	7,269.06	7,195.75	7,193.39	162.06	15.76	-92.83	-324.18	3,397.32	778.28	687.21	91.07	8.546			
12,700.00	7,270.91	7,198.26	7,195.90	164.98	15.77	-93.24	-324.18	3,397.33	868.85	783.82	85.04	10.217			
12,800.00	7,272.76	7,200.85	7,198.49	167.91	15.78	-93.66	-324.18	3,397.35	961.29	881.21	80.07	12.005			
12,900.00	7,274.60	7,203.58	7,201.22	170.84	15.78	-94.11	-324.19	3,397.36	1,055.10	979.15	75.95	13.892			
13,000.00	7,276.45	7,206.34	7,203.98	173.77	15.79	-94.56	-324.19	3,397.38	1,149.94	1,077.45	72.49	15.863			

Offset Design		5N-66W-07 Offsets - STEPHENS 7-15 - SRC Energy SI Well - Actual VES Surveys											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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,700.00	7,233.97	7,223.54	7,156.87	106.87	15.99	-88.73	146.88	3,006.28	1,149.37	1,056.12	93.25	12.326	5.565 CC, ES 5.528 SF	
10,800.00	7,235.82	7,223.63	7,156.96	109.75	15.99	-88.74	146.88	3,006.28	1,081.32	981.33	99.99	10.814		
10,900.00	7,237.66	7,223.73	7,157.06	112.63	15.99	-88.75	146.88	3,006.28	1,018.56	911.34	107.21	9.500		
11,000.00	7,239.51	7,223.82	7,157.15	115.51	15.99	-88.75	146.88	3,006.27	962.11	847.32	114.79	8.381		
11,100.00	7,241.36	7,223.92	7,157.25	118.40	15.99	-88.76	146.89	3,006.27	913.16	790.67	122.49	7.455		
11,200.00	7,243.21	7,224.01	7,157.35	121.29	15.99	-88.77	146.89	3,006.27	872.97	743.00	129.97	6.717		
11,300.00	7,245.05	7,224.11	7,157.44	124.19	15.99	-88.77	146.89	3,006.27	842.78	706.01	136.77	6.162		
11,400.00	7,246.90	7,224.21	7,157.54	127.09	15.99	-88.78	146.89	3,006.27	823.71	681.30	142.41	5.784		
11,500.00	7,248.75	7,224.30	7,157.63	129.99	15.99	-88.79	146.89	3,006.27	816.52	670.07	146.44	5.576		
11,508.97	7,248.91	7,224.31	7,157.64	130.25	15.99	-88.79	146.89	3,006.27	816.47	669.75	146.72	5.565		
11,600.00	7,250.59	7,224.40	7,157.73	132.89	15.99	-88.79	146.90	3,006.26	821.53	672.92	148.60	5.528		
11,700.00	7,252.44	7,224.49	7,157.83	135.80	15.99	-88.80	146.90	3,006.26	838.52	689.66	148.86	5.633		
11,800.00	7,254.29	7,224.59	7,157.92	138.71	15.99	-88.81	146.90	3,006.26	866.79	719.37	147.41	5.880		
11,900.00	7,256.13	7,224.69	7,158.02	141.62	15.99	-88.81	146.90	3,006.26	905.28	760.64	144.63	6.259		
12,000.00	7,257.98	7,224.79	7,158.12	144.54	15.99	-88.82	146.90	3,006.26	952.75	811.83	140.92	6.761		
12,100.00	7,259.83	7,224.88	7,158.22	147.45	15.99	-88.83	146.91	3,006.26	1,007.94	871.27	136.67	7.375		
12,200.00	7,261.67	7,224.98	7,158.31	150.37	15.99	-88.83	146.91	3,006.25	1,069.65	937.48	132.17	8.093		
12,300.00	7,263.52	7,225.08	7,158.41	153.29	15.99	-88.84	146.91	3,006.25	1,136.82	1,009.17	127.65	8.906		

Offset Design 5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-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
0.00	0.00	0.00	0.00	3.28	3.28	-30.30	622.22	-363.63	720.89				
100.00	100.00	81.53	81.53	3.28	3.28	-30.30	622.28	-363.70	720.77	713.42		7.35	98.002
200.00	200.00	181.55	181.55	3.30	3.29	-30.33	622.34	-364.05	721.00	713.61		7.39	97.611
300.00	300.00	280.07	280.06	3.34	3.32	81.65	622.23	-364.79	721.22	713.76		7.45	96.776
400.00	399.93	375.03	375.02	3.40	3.36	81.84	622.36	-365.89	721.42	713.88		7.55	95.602
500.00	499.68	481.89	481.87	3.49	3.41	82.30	622.32	-367.74	721.30	713.62		7.68	93.873
600.00	599.13	581.73	581.68	3.59	3.48	83.00	621.35	-369.36	719.91	712.06		7.86	91.612
700.00	698.15	687.96	687.90	3.74	3.56	84.06	620.14	-370.87	718.01	709.92		8.08	88.827
800.00	796.63	783.36	783.28	3.92	3.65	85.27	618.55	-372.22	715.53	707.18		8.35	85.694
900.00	894.44	882.75	882.65	4.15	3.74	86.83	617.30	-373.53	713.51	704.84		8.68	82.232
1,000.00	991.48	979.92	979.80	4.44	3.85	88.61	615.91	-374.78	711.73	702.67		9.06	78.532
1,100.00	1,088.28	1,074.02	1,073.88	4.76	3.96	90.38	614.74	-376.15	710.90	701.40		9.50	74.864
1,116.67	1,104.42	1,089.64	1,089.50	4.82	3.98	90.67	614.56	-376.46	710.88	701.31	74.268 CC, ES	9.57	74.268
1,200.00	1,185.07	1,167.01	1,166.85	5.12	4.08	92.10	613.92	-378.01	711.35	701.38		9.96	71.402
1,300.00	1,281.86	1,262.55	1,262.38	5.50	4.21	93.91	613.73	-379.55	713.05	702.59		10.46	68.167
1,400.00	1,378.66	1,361.16	1,360.98	5.89	4.34	95.80	613.63	-380.77	715.52	704.53		10.98	65.141
1,500.00	1,475.45	1,457.42	1,457.22	6.31	4.48	97.58	613.20	-382.50	718.58	707.06		11.52	62.366
1,600.00	1,572.24	1,550.62	1,550.41	6.73	4.62	99.31	613.23	-384.00	722.81	710.74		12.07	59.893
1,700.00	1,669.03	1,644.64	1,644.41	7.17	4.77	101.03	613.75	-385.74	728.31	715.69		12.62	57.690
1,800.00	1,765.83	1,739.88	1,739.64	7.42	4.92	102.77	614.61	-387.20	734.84	722.05		12.79	57.469
1,900.00	1,862.62	1,837.13	1,836.87	7.49	5.08	104.53	615.72	-388.49	742.29	729.30		12.99	57.139
2,000.00	1,959.41	1,935.75	1,935.49	7.59	5.24	106.31	616.58	-389.34	750.16	736.93		13.23	56.702
2,100.00	2,056.21	2,032.89	2,032.61	7.73	5.41	108.02	617.47	-390.32	758.81	745.32		13.50	56.224
2,200.00	2,153.00	2,132.04	2,131.77	7.90	5.57	109.78	618.07	-390.63	767.82	754.03		13.79	55.667
2,300.00	2,249.79	2,228.15	2,227.87	8.10	5.74	111.48	618.70	-390.44	777.60	763.49		14.11	55.115
2,400.00	2,346.58	2,330.28	2,330.00	8.32	5.91	113.24	619.10	-390.11	787.83	773.37		14.46	54.495
2,500.00	2,443.38	2,435.74	2,435.45	8.56	6.10	114.97	618.36	-390.55	797.63	782.80		14.83	53.778
2,600.00	2,540.17	2,531.15	2,530.85	8.83	6.28	116.46	617.28	-391.57	807.60	792.39		15.21	53.104
2,700.00	2,636.96	2,620.57	2,620.27	9.12	6.44	117.85	616.96	-392.01	818.94	803.35		15.59	52.541
2,800.00	2,733.76	2,716.93	2,716.62	9.43	6.62	119.28	617.08	-392.82	831.27	815.28		15.99	51.980
2,900.00	2,830.55	2,815.35	2,815.04	9.75	6.81	120.68	617.18	-393.98	844.05	827.64		16.41	51.422
3,000.00	2,927.34	2,913.07	2,912.75	10.09	7.00	122.05	617.04	-394.74	857.16	840.32		16.84	50.888
3,100.00	3,024.13	3,005.72	3,005.40	10.44	7.18	123.34	617.11	-395.12	871.04	853.77		17.27	50.435
3,200.00	3,120.93	3,109.12	3,108.80	10.81	7.38	124.69	617.17	-396.16	885.23	867.51		17.73	49.933
3,300.00	3,217.72	3,210.43	3,210.10	11.18	7.57	125.95	616.77	-397.69	899.32	881.13		18.19	49.439
3,400.00	3,314.51	3,317.75	3,317.40	11.57	7.78	127.26	615.37	-399.31	912.94	894.27		18.67	48.898
3,500.00	3,411.31	3,417.53	3,417.15	11.96	7.98	128.45	613.29	-400.78	926.23	907.09		19.14	48.395
3,600.00	3,508.10	3,509.13	3,508.72	12.36	8.16	129.52	611.65	-402.02	940.20	920.61		19.60	47.982
3,700.00	3,604.89	3,609.97	3,609.54	12.77	8.36	130.69	609.76	-402.97	954.60	934.53		20.07	47.558
3,800.00	3,701.69	3,705.08	3,704.62	13.19	8.55	131.75	607.95	-403.93	969.32	948.78		20.54	47.190
3,900.00	3,798.48	3,799.52	3,799.04	13.61	8.73	132.75	606.56	-405.35	984.59	963.58		21.01	46.859
4,000.00	3,895.27	3,900.23	3,899.73	14.04	8.94	133.77	605.08	-406.96	1,000.13	978.63		21.50	46.518
4,100.00	3,992.06	4,002.47	4,001.94	14.47	9.14	134.80	603.03	-408.40	1,015.56	993.57		21.99	46.177
4,200.00	4,088.86	4,090.40	4,089.85	14.91	9.32	135.67	601.33	-409.30	1,031.50	1,009.05		22.45	45.941
4,300.00	4,185.65	4,177.54	4,176.98	15.35	9.50	136.53	600.30	-409.71	1,048.61	1,025.70		22.91	45.770
4,400.00	4,282.44	4,268.90	4,268.34	15.80	9.68	137.39	599.88	-409.83	1,066.77	1,043.39		23.38	45.631
4,500.00	4,379.24	4,364.91	4,364.35	16.25	9.87	138.27	599.68	-409.83	1,085.48	1,061.62		23.86	45.497
4,600.00	4,476.03	4,465.95	4,465.38	16.70	10.08	139.15	599.50	-410.22	1,104.29	1,079.94		24.36	45.341
4,700.00	4,572.82	4,573.20	4,572.63	17.16	10.30	140.07	598.57	-410.72	1,122.71	1,097.84		24.87	45.144
4,800.00	4,669.61	4,663.78	4,663.20	17.62	10.48	140.86	596.97	-410.51	1,140.94	1,115.60		25.34	45.033
4,900.00	4,766.41	4,760.09	4,759.49	18.08	10.67	141.73	595.44	-409.17	1,160.11	1,134.30		25.81	44.944
5,000.00	4,863.20	4,855.89	4,855.24	18.54	10.86	142.60	593.25	-407.32	1,179.23	1,152.95		26.28	44.864
5,100.00	4,959.99	4,950.51	4,949.82	19.01	11.05	143.42	591.49	-405.51	1,198.96	1,172.21		26.76	44.813 SF

Offset Design 5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-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)	Offset Wellbore 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	-133.25	-357.74	-380.35	522.54				
100.00	100.00	80.00	80.00	3.28	3.28	-133.27	-357.88	-380.22	522.15	514.80	7.35	70.997	
200.00	200.00	181.00	181.00	3.30	3.29	-133.32	-358.20	-379.81	522.08	514.69	7.39	70.684	
300.00	300.00	280.86	280.86	3.34	3.32	-21.37	-358.22	-379.51	521.47	514.02	7.45	69.972	
400.00	399.93	379.54	379.54	3.40	3.36	-21.51	-358.08	-379.57	518.16	510.61	7.55	68.641	
500.00	499.68	477.14	477.14	3.49	3.40	-21.80	-358.00	-380.01	511.95	504.27	7.68	66.651	
600.00	599.13	576.41	576.40	3.59	3.47	-22.24	-357.93	-380.86	502.82	494.96	7.85	64.047	
700.00	698.15	675.63	675.62	3.74	3.54	-22.88	-357.84	-381.67	490.46	482.41	8.06	60.877	
800.00	796.63	774.89	774.88	3.92	3.63	-23.73	-357.65	-382.51	474.93	466.63	8.30	57.225	
900.00	894.44	872.69	872.68	4.15	3.72	-24.85	-357.40	-383.26	456.26	447.68	8.58	53.192	
1,000.00	991.48	969.94	969.91	4.44	3.83	-26.23	-357.18	-384.04	434.77	425.88	8.90	48.866	
1,100.00	1,088.28	1,067.48	1,067.45	4.76	3.94	-27.66	-356.89	-384.81	412.52	403.28	9.24	44.660	
1,200.00	1,185.07	1,165.13	1,165.10	5.12	4.06	-29.27	-356.51	-385.40	390.37	380.76	9.61	40.624	
1,300.00	1,281.86	1,262.29	1,262.26	5.50	4.19	-31.05	-355.93	-386.01	368.39	358.38	10.01	36.794	
1,400.00	1,378.66	1,359.47	1,359.44	5.89	4.32	-33.00	-355.19	-386.74	346.75	336.30	10.45	33.193	
1,500.00	1,475.45	1,456.59	1,456.55	6.31	4.47	-35.23	-354.42	-387.36	325.45	314.54	10.91	29.824	
1,600.00	1,572.24	1,554.17	1,554.12	6.73	4.61	-37.71	-353.39	-388.18	304.58	293.17	11.41	26.690	
1,700.00	1,669.03	1,651.72	1,651.65	7.17	4.76	-40.47	-351.92	-389.17	284.03	272.08	11.95	23.778	
1,800.00	1,765.83	1,748.90	1,748.81	7.42	4.92	-43.59	-350.26	-390.26	264.08	251.93	12.16	21.726	
1,900.00	1,862.62	1,845.92	1,845.79	7.49	5.08	-46.98	-348.10	-392.17	244.87	232.43	12.44	19.686	
2,000.00	1,959.41	1,942.84	1,942.65	7.59	5.24	-50.78	-345.86	-394.52	226.69	213.92	12.77	17.753	
2,100.00	2,056.21	2,039.86	2,039.63	7.73	5.41	-55.23	-343.62	-396.82	209.69	196.53	13.15	15.942	
2,200.00	2,153.00	2,136.59	2,136.31	7.90	5.57	-60.44	-341.54	-398.94	194.28	180.69	13.59	14.293	
2,300.00	2,249.79	2,233.35	2,233.04	8.10	5.75	-66.55	-339.69	-400.77	181.00	166.91	14.08	12.851	
2,400.00	2,346.58	2,330.46	2,330.10	8.32	5.92	-73.52	-337.85	-402.57	170.17	155.56	14.61	11.644	
2,500.00	2,443.38	2,427.58	2,427.19	8.56	6.10	-81.28	-335.95	-404.32	162.23	147.08	15.16	10.705	
2,600.00	2,540.17	2,524.75	2,524.33	8.83	6.28	-89.60	-333.95	-406.19	157.55	141.87	15.67	10.052	
2,674.02	2,611.82	2,596.35	2,595.90	9.05	6.41	-95.97	-332.47	-407.47	156.46	140.44	16.02	9.765 CC, ES	
2,700.00	2,636.96	2,621.50	2,621.04	9.12	6.46	-98.22	-331.95	-407.89	156.60	140.46	16.13	9.706	
2,800.00	2,733.76	2,718.38	2,717.89	9.43	6.64	-106.78	-329.98	-409.46	159.54	143.02	16.52	9.659	
2,900.00	2,830.55	2,815.50	2,814.97	9.75	6.82	-114.93	-327.93	-411.01	166.06	149.24	16.83	9.870	
3,000.00	2,927.34	2,912.75	2,912.18	10.09	7.01	-122.38	-325.75	-412.66	175.65	158.57	17.08	10.285	
3,100.00	3,024.13	3,009.71	3,009.10	10.44	7.20	-128.96	-323.59	-414.40	187.90	170.60	17.31	10.858	
3,200.00	3,120.93	3,106.59	3,105.94	10.81	7.39	-134.71	-321.39	-416.10	202.40	184.87	17.53	11.547	
3,300.00	3,217.72	3,202.46	3,201.78	11.18	7.57	-139.71	-318.97	-417.43	218.96	201.21	17.75	12.333	
3,400.00	3,314.51	3,297.76	3,297.02	11.57	7.76	-144.16	-316.01	-418.07	237.53	219.54	17.99	13.205	
3,500.00	3,411.31	3,391.19	3,390.39	11.96	7.94	-148.07	-312.50	-417.74	258.24	240.01	18.23	14.165	
3,600.00	3,508.10	3,483.04	3,482.15	12.36	8.12	-151.42	-308.96	-416.15	281.33	262.84	18.49	15.215	
3,700.00	3,604.89	3,576.21	3,575.23	12.77	8.30	-154.27	-305.66	-413.39	306.48	287.69	18.79	16.315	
3,800.00	3,701.69	3,671.22	3,670.12	13.19	8.49	-156.70	-302.57	-410.08	332.76	313.64	19.12	17.406	
3,900.00	3,798.48	3,765.76	3,764.57	13.61	8.67	-158.67	-300.06	-406.67	359.65	340.17	19.48	18.465	
4,000.00	3,895.27	3,860.86	3,859.58	14.04	8.86	-160.22	-298.59	-402.92	387.16	367.29	19.87	19.488	
4,100.00	3,992.06	3,958.65	3,957.30	14.47	9.05	-161.59	-297.14	-399.18	414.77	394.49	20.28	20.449	
4,200.00	4,088.86	4,057.73	4,056.31	14.91	9.24	-162.81	-295.75	-396.14	441.84	421.12	20.72	21.325	
4,300.00	4,185.65	4,157.15	4,155.70	15.35	9.44	-163.91	-294.18	-393.81	468.40	447.23	21.17	22.130	
4,400.00	4,282.44	4,255.56	4,254.08	15.80	9.64	-164.94	-292.32	-392.22	494.44	472.82	21.61	22.875	
4,500.00	4,379.24	4,352.51	4,351.00	16.25	9.83	-165.87	-290.29	-390.91	520.37	498.31	22.06	23.585	
4,600.00	4,476.03	4,449.33	4,447.78	16.70	10.03	-166.73	-288.10	-389.73	546.33	523.81	22.52	24.262	
4,700.00	4,572.82	4,544.41	4,542.83	17.16	10.23	-167.50	-285.97	-388.60	572.35	549.38	22.97	24.915	
4,800.00	4,669.61	4,637.88	4,636.25	17.62	10.42	-168.22	-283.45	-387.14	598.90	575.48	23.42	25.569	
4,900.00	4,766.41	4,732.16	4,730.49	18.08	10.61	-168.90	-280.73	-385.38	625.86	601.98	23.88	26.206	
5,000.00	4,863.20	4,826.59	4,824.85	18.54	10.80	-169.54	-277.92	-383.36	653.18	628.83	24.35	26.827	
5,100.00	4,959.99	4,922.27	4,920.46	19.01	11.00	-170.12	-275.05	-381.17	680.70	655.88	24.82	27.421	
5,200.00	5,056.79	5,019.99	5,018.12	19.47	11.20	-170.67	-272.22	-379.04	708.17	682.85	25.31	27.975	
5,300.00	5,153.58	5,118.64	5,116.72	19.94	11.40	-171.16	-269.66	-377.16	735.36	709.55	25.81	28.488	
5,400.00	5,250.37	5,216.18	5,214.22	20.41	11.60	-171.61	-267.27	-375.54	762.34	736.03	26.31	28.975	
5,500.00	5,347.16	5,312.24	5,310.23	20.89	11.80	-172.02	-264.95	-374.04	789.26	762.46	26.81	29.444	
5,600.00	5,443.96	5,405.40	5,403.35	21.36	12.00	-172.40	-262.48	-372.42	816.43	789.14	27.29	29.918	
5,700.00	5,540.75	5,501.54	5,499.43	21.84	12.20	-172.78	-259.70	-370.64	843.80	816.01	27.79	30.365	
5,800.00	5,637.54	5,602.71	5,600.55	22.31	12.41	-173.16	-256.83	-369.08	870.91	842.60	28.31	30.760	
5,900.00	5,734.34	5,700.60	5,698.40	22.79	12.61	-173.50	-254.31	-367.88	897.68	868.85	28.83	31.142	
6,000.00	5,831.13	5,797.61	5,795.38	23.27	12.82	-173.79	-252.10	-366.75	924.34	895.00	29.34	31.508	
6,100.00	5,927.92	5,892.70	5,890.44	23.75	13.01	-174.05	-250.15	-365.57	951.04	921.19	29.84	31.868	
6,200.00	6,024.71	5,990.59	5,988.31	24.23	13.22	-174.29	-248.38	-364.28	977.75	947.39	30.36	32.201	
6,300.00	6,121.51	6,088.23	6,085.93	24.72	13.42	-174.50	-246.87	-363.09	1,004.32	973.43	30.89	32.517	
6,400.00	6,218.30	6,185.76	6,183.44	25.20	13.63	-174.69	-245.43	-362.00	1,030.78	999.37	31.41	32.818	

Offset Design5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
6,500.00	6,315.09	6,284.37	6,282.03	25.68	13.84	-174.90	-243.71	-361.14	1,057.11	1,025.17	31.94	33.100		
6,600.00	6,411.92	6,382.21	6,379.85	26.15	14.04	-172.95	-241.76	-360.55	1,083.13	1,050.67	32.46	33.371		
6,700.00	6,510.45	6,482.31	6,479.93	26.34	14.25	-137.25	-239.71	-360.10	1,099.82	1,066.94	32.88	33.452		
6,800.00	6,609.83	6,585.04	6,582.64	26.45	14.47	-62.63	-237.72	-359.86	1,101.51	1,068.28	33.22	33.153		
6,900.00	6,707.64	6,678.36	6,675.95	26.51	14.67	-40.72	-236.39	-359.51	1,088.51	1,055.06	33.46	32.536		
7,000.00	6,801.46	6,769.88	6,767.45	26.57	14.86	-35.29	-236.32	-358.34	1,061.75	1,028.13	33.62	31.582		
7,100.00	6,888.97	6,860.64	6,858.19	26.67	15.04	-34.84	-237.24	-356.77	1,021.74	987.99	33.75	30.273		
7,200.00	6,968.03	6,948.61	6,946.15	26.85	15.22	-37.46	-238.75	-355.48	969.37	935.47	33.90	28.597		
7,300.00	7,036.68	7,031.02	7,028.53	27.18	15.39	-43.17	-240.72	-354.99	906.10	871.97	34.13	26.551		
7,400.00	7,093.25	7,102.47	7,099.94	27.71	15.53	-52.53	-243.20	-355.55	834.01	799.48	34.53	24.153		
7,500.00	7,136.32	7,144.41	7,141.83	28.47	15.61	-64.24	-245.22	-355.96	756.63	721.47	35.16	21.521		
7,600.00	7,164.85	7,172.97	7,170.34	29.48	15.68	-77.76	-246.85	-356.11	677.52	641.23	36.28	18.674		
7,700.00	7,178.13	7,185.82	7,183.16	30.71	15.71	-90.04	-247.59	-356.18	600.44	562.33	38.10	15.758		
7,800.00	7,180.41	7,187.61	7,184.95	32.13	15.71	-92.60	-247.69	-356.19	529.77	488.97	40.80	12.985		
7,900.00	7,182.26	7,188.97	7,186.31	33.77	15.71	-92.80	-247.77	-356.20	469.84	425.37	44.47	10.565		
8,000.00	7,184.10	7,190.33	7,187.67	35.60	15.72	-93.00	-247.85	-356.20	425.26	376.41	48.85	8.705		
8,100.00	7,185.95	7,191.70	7,189.03	37.58	15.72	-93.19	-247.93	-356.21	401.17	348.10	53.08	7.558		
8,149.56	7,186.87	7,192.37	7,189.70	38.62	15.72	-93.29	-247.96	-356.21	398.10	343.35	54.75	7.271		
8,200.00	7,187.80	7,193.06	7,190.39	39.69	15.72	-93.39	-248.00	-356.22	401.28	345.32	55.96	7.171 SF		
8,300.00	7,189.64	7,194.42	7,191.75	41.91	15.73	-93.58	-248.08	-356.22	425.57	368.69	56.89	7.481		
8,400.00	7,191.49	7,195.78	7,193.10	44.22	15.73	-93.78	-248.16	-356.23	470.31	414.07	56.24	8.362		
8,500.00	7,193.34	7,197.14	7,194.46	46.61	15.73	-93.98	-248.24	-356.24	530.35	475.55	54.80	9.678		
8,600.00	7,195.18	7,198.50	7,195.82	49.07	15.74	-94.17	-248.32	-356.25	601.12	547.98	53.15	11.311		
8,700.00	7,197.03	7,199.86	7,197.18	51.58	15.74	-94.37	-248.39	-356.25	679.28	627.71	51.56	13.174		
8,800.00	7,198.88	7,201.22	7,198.54	54.14	15.74	-94.56	-248.47	-356.26	762.55	712.39	50.16	15.203		
8,900.00	7,200.73	7,202.58	7,199.90	56.74	15.75	-94.76	-248.55	-356.27	849.44	800.49	48.95	17.354		
9,000.00	7,202.57	7,203.94	7,201.26	59.37	15.75	-94.95	-248.63	-356.27	938.94	891.02	47.92	19.596		
9,100.00	7,204.42	7,205.30	7,202.62	62.04	15.75	-95.15	-248.71	-356.28	1,030.37	983.33	47.04	21.905		
9,200.00	7,206.27	7,206.66	7,203.97	64.73	15.76	-95.35	-248.78	-356.29	1,123.26	1,076.97	46.29	24.265		

Offset Design 5N-66W-08 Offsets Need HZ - MOEN 8-7H6 - SRC Energy SI Well - No Surveys										Offset Site Error: 0.00 usft			
Survey Program: 100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,100.00	7,315.24	7,209.76	7,190.24	235.44	253.71	78.14	-775.46	7,771.46	1,185.02	901.68	283.34	4.182	
15,200.00	7,317.08	7,207.92	7,192.08	238.39	253.64	79.12	-775.46	7,771.46	1,085.46	800.73	284.72	3.812	
15,300.00	7,318.93	7,206.07	7,193.93	241.33	253.58	80.11	-775.46	7,771.46	985.98	699.49	286.49	3.442	
15,400.00	7,320.78	7,204.22	7,195.78	244.27	253.51	81.10	-775.46	7,771.46	886.62	597.82	288.79	3.070	
15,500.00	7,322.62	7,202.38	7,197.62	247.22	253.45	82.10	-775.46	7,771.46	787.41	495.57	291.84	2.698	
15,600.00	7,324.47	7,200.53	7,199.47	250.16	253.38	83.10	-775.46	7,771.46	688.42	392.45	295.97	2.326	
15,700.00	7,326.32	7,201.32	7,201.32	253.11	253.41	84.10	-775.46	7,771.46	589.78	287.93	301.85	1.954	
15,800.00	7,328.16	7,203.16	7,203.16	256.05	253.47	85.11	-775.46	7,771.46	491.67	181.27	310.41	1.584	
15,900.00	7,330.01	7,205.01	7,205.01	259.00	253.54	86.13	-775.46	7,771.46	394.51	70.99	323.52	1.219	Level 2
16,000.00	7,331.86	7,206.86	7,206.86	261.94	253.61	87.14	-775.46	7,771.46	299.21	-46.07	345.28	0.867	Level 1
16,100.00	7,333.70	7,208.70	7,208.70	264.89	253.67	88.16	-775.46	7,771.46	208.35	-177.15	385.50	0.540	Level 1
16,200.00	7,335.55	7,210.55	7,210.55	267.84	253.74	89.18	-775.46	7,771.46	131.48	-333.16	464.64	0.283	Level 1
16,280.66	7,337.04	7,212.04	7,212.04	270.21	253.79	90.00	-775.46	7,771.46	103.84	-420.73	524.57	0.198	Level 1, CC, ES, SF
16,300.00	7,337.40	7,212.40	7,212.40	270.78	253.80	90.20	-775.46	7,771.46	105.62	-415.51	521.13	0.203	Level 1
16,400.00	7,339.25	7,214.25	7,214.25	273.73	253.87	91.22	-775.46	7,771.46	158.17	-279.03	437.20	0.362	Level 1
16,500.00	7,341.09	7,216.09	7,216.09	276.68	253.93	92.23	-775.46	7,771.46	242.64	-134.85	377.49	0.643	Level 1
16,600.00	7,342.94	7,217.94	7,217.94	279.62	254.00	93.25	-775.46	7,771.46	335.74	-11.05	346.80	0.968	Level 1
16,700.00	7,344.79	7,219.79	7,219.79	282.57	254.06	94.26	-775.46	7,771.46	431.93	102.61	329.33	1.312	Level 3
16,800.00	7,346.63	7,221.63	7,221.63	285.52	254.13	95.28	-775.46	7,771.46	529.53	211.15	318.38	1.663	
16,900.00	7,348.48	7,223.48	7,223.48	288.47	254.19	96.29	-775.46	7,771.46	627.88	316.85	311.02	2.019	
17,000.00	7,350.33	7,225.33	7,225.33	291.42	254.26	97.29	-775.46	7,771.46	726.67	420.84	305.83	2.376	
17,100.00	7,352.17	7,227.17	7,227.17	294.37	254.33	98.29	-775.46	7,771.46	825.75	523.73	302.02	2.734	
17,200.00	7,354.02	7,229.02	7,229.02	297.32	254.39	99.29	-775.46	7,771.46	925.03	625.87	299.16	3.092	
17,300.00	7,355.87	7,230.87	7,230.87	300.27	254.46	100.27	-775.46	7,771.46	1,024.44	727.49	296.95	3.450	
17,400.00	7,357.71	7,232.71	7,232.71	303.22	254.52	101.26	-775.46	7,771.46	1,123.95	828.73	295.22	3.807	

Offset Design		5N-66W-08 Offsets Need HZ - MOEN J 8-10 - SRC Energy PR Well - Actual VES Surveys											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		
15,400.00	7,320.78	7,210.30	7,209.09	244.27	15.75	88.89	-1,740.67	7,387.05	1,174.63	937.46	237.17	4.953		
15,500.00	7,322.62	7,212.70	7,211.49	247.22	15.76	89.01	-1,740.70	7,387.07	1,136.49	888.96	247.52	4.591		
15,600.00	7,324.47	7,215.18	7,213.97	250.16	15.76	89.15	-1,740.72	7,387.08	1,106.09	849.17	256.92	4.305		
15,700.00	7,326.32	7,217.67	7,216.46	253.11	15.77	89.28	-1,740.74	7,387.10	1,084.10	819.17	264.93	4.092		
15,800.00	7,328.16	7,220.15	7,218.94	256.05	15.77	89.41	-1,740.76	7,387.11	1,071.02	799.86	271.15	3.950		
15,891.02	7,329.85	7,222.41	7,221.20	258.73	15.78	89.54	-1,740.77	7,387.13	1,067.14	792.14	275.01	3.880	CC	
15,900.00	7,330.01	7,222.63	7,221.42	259.00	15.78	89.55	-1,740.78	7,387.13	1,067.18	791.89	275.29	3.877	ES	
16,000.00	7,331.86	7,225.11	7,223.90	261.94	15.78	89.68	-1,740.80	7,387.15	1,072.69	795.51	277.18	3.870	SF	
16,100.00	7,333.70	7,227.60	7,226.39	264.89	15.79	89.81	-1,740.82	7,387.16	1,087.40	810.55	276.85	3.928		
16,200.00	7,335.55	7,230.08	7,228.87	267.84	15.79	89.95	-1,740.84	7,387.18	1,110.95	836.46	274.48	4.047		
16,300.00	7,337.40	7,232.56	7,231.35	270.78	15.80	90.08	-1,740.86	7,387.19	1,142.78	872.41	270.37	4.227		
16,400.00	7,339.25	7,235.04	7,233.83	273.73	15.80	90.21	-1,740.88	7,387.21	1,182.24	917.35	264.89	4.463		

Offset Design		5N-66W-08 Offsets Need HZ - MOEN J 8-8 - SRC Energy SI Well - No Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
16,400.00	7,339.25	7,210.25	7,210.25	273.73	253.73	-80.56	-538.24	9,031.07	1,148.54	853.24	295.30	3.889			
16,500.00	7,341.09	7,212.09	7,212.09	276.68	253.79	-81.37	-538.24	9,031.07	1,049.23	751.18	298.05	3.520			
16,600.00	7,342.94	7,213.94	7,213.94	279.62	253.86	-82.19	-538.24	9,031.07	950.05	648.62	301.43	3.152			
16,700.00	7,344.79	7,215.79	7,215.79	282.57	253.92	-83.01	-538.24	9,031.07	851.07	545.40	305.67	2.784			
16,800.00	7,346.63	7,217.63	7,217.63	285.52	253.99	-83.83	-538.24	9,031.07	752.35	441.24	311.10	2.418			
16,900.00	7,348.48	7,219.48	7,219.48	288.47	254.05	-84.66	-538.24	9,031.07	654.01	335.73	318.28	2.055			
17,000.00	7,350.33	7,221.33	7,221.33	291.42	254.12	-85.49	-538.24	9,031.07	556.26	228.16	328.10	1.695			
17,100.00	7,352.17	7,223.17	7,223.17	294.37	254.18	-86.32	-538.24	9,031.07	459.47	117.30	342.18	1.343	Level 3		
17,200.00	7,354.02	7,225.02	7,225.02	297.32	254.25	-87.15	-538.24	9,031.07	364.41	0.84	363.58	1.002	Level 2		
17,300.00	7,355.87	7,226.87	7,226.87	300.27	254.31	-87.98	-538.24	9,031.07	272.90	-125.79	398.69	0.684	Level 1		
17,400.00	7,357.71	7,228.71	7,228.71	303.22	254.38	-88.82	-538.24	9,031.07	190.11	-270.04	460.15	0.413	Level 1		
17,500.00	7,359.56	7,230.56	7,230.56	306.17	254.45	-89.65	-538.24	9,031.07	133.43	-413.42	546.85	0.244	Level 1		
17,541.72	7,360.33	7,231.33	7,231.33	307.40	254.47	-90.00	-538.24	9,031.07	126.74	-435.70	562.44	0.225	Level 1, CC, ES, SF		
17,600.00	7,361.41	7,232.41	7,232.41	309.12	254.51	-90.49	-538.24	9,031.07	139.50	-395.45	534.94	0.261	Level 1		
17,686.20	7,363.00	7,234.00	7,234.00	311.66	254.57	-91.21	-538.24	9,031.07	192.17	-267.29	459.46	0.418	Level 1		

Offset Design		5N-66W-08 Offsets Need HZ - MOEN J 8-9 - SRC Energy SI Well - No Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,346.63	7,248.63	7,248.63	285.52	255.09	89.41	-1,691.30	8,863.03	1,171.97	667.58	504.39	2.324		
16,900.00	7,348.48	7,250.48	7,250.48	288.47	255.15	89.52	-1,691.30	8,863.03	1,126.95	609.73	517.22	2.179		
17,000.00	7,350.33	7,252.33	7,252.33	291.42	255.22	89.62	-1,691.30	8,863.03	1,089.28	560.00	529.29	2.058		
17,100.00	7,352.17	7,254.17	7,254.17	294.37	255.28	89.72	-1,691.30	8,863.03	1,059.74	519.70	540.03	1.962		
17,200.00	7,354.02	7,256.02	7,256.02	297.32	255.35	89.83	-1,691.30	8,863.03	1,039.01	490.10	548.91	1.893		
17,300.00	7,355.87	7,257.87	7,257.87	300.27	255.41	89.93	-1,691.30	8,863.03	1,027.64	472.22	555.42	1.850		
17,367.57	7,357.12	7,259.12	7,259.12	302.26	255.46	90.00	-1,691.30	8,863.03	1,025.41	467.13	558.29	1.837 CC		
17,400.00	7,357.71	7,259.71	7,259.71	303.22	255.48	90.03	-1,691.30	8,863.03	1,025.93	466.72	559.21	1.835 ES, SF		
17,500.00	7,359.56	7,261.56	7,261.56	306.17	255.54	90.14	-1,691.30	8,863.03	1,033.93	473.78	560.15	1.846		
17,600.00	7,361.41	7,263.41	7,263.41	309.12	255.61	90.24	-1,691.30	8,863.03	1,051.42	493.07	558.35	1.883		
17,686.20	7,363.00	7,265.00	7,265.00	311.66	255.67	90.33	-1,691.30	8,863.03	1,073.76	518.94	554.82	1.935		

Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Planned Extraction Su										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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,100.00	7,352.17	6,900.00	6,755.89	294.37	33.42	25.88	-914.08	9,575.26	1,132.57	1,034.49	98.08	11.547	
17,200.00	7,354.02	6,938.19	6,790.07	297.32	33.87	27.24	-911.98	9,592.16	1,045.83	942.19	103.65	10.090	
17,300.00	7,355.87	6,956.73	6,806.24	300.27	34.09	27.94	-910.99	9,601.17	961.50	850.63	110.86	8.673	
17,400.00	7,357.71	7,000.00	6,842.79	303.22	34.61	29.67	-908.77	9,624.21	880.00	761.86	118.14	7.449	
17,500.00	7,359.56	7,000.00	6,842.79	306.17	34.61	29.67	-908.77	9,624.21	799.63	670.81	128.82	6.207	
17,600.00	7,361.41	7,027.18	6,864.81	309.12	35.02	30.83	-907.44	9,640.07	723.04	583.08	139.96	5.166	
17,686.20	7,363.00	7,052.67	6,884.77	311.66	35.41	31.96	-906.24	9,655.89	659.96	508.93	151.03	4.370 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Planned Extraction Su										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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,200.00	7,354.02	6,900.00	6,796.14	297.32	33.10	49.52	-1,223.90	9,598.77	1,162.05	991.46	170.58	6.812	
17,300.00	7,355.87	6,900.00	6,796.14	300.27	33.10	49.52	-1,223.90	9,598.77	1,086.71	903.93	182.78	5.945	
17,400.00	7,357.71	6,900.00	6,796.14	303.22	33.10	49.52	-1,223.90	9,598.77	1,015.65	819.53	196.11	5.179	
17,500.00	7,359.56	6,948.75	6,837.75	306.17	33.75	52.05	-1,224.07	9,624.13	946.88	736.16	210.72	4.494	
17,600.00	7,361.41	6,974.79	6,859.06	309.12	34.09	53.42	-1,224.17	9,639.10	883.44	656.84	226.59	3.899	
17,686.20	7,363.00	7,000.00	6,879.01	311.66	34.42	54.74	-1,224.26	9,654.50	832.91	591.74	241.16	3.454	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Planned Extraction Su										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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,500.00	7,359.56	6,975.73	6,821.22	306.17	34.75	62.45	-1,535.39	9,616.21	1,160.50	901.96	258.54	4.489	
17,600.00	7,361.41	7,000.00	6,841.54	309.12	35.04	63.53	-1,536.71	9,629.41	1,110.29	837.55	272.75	4.071	
17,686.20	7,363.00	7,025.54	6,862.30	311.66	35.44	64.65	-1,538.05	9,644.22	1,071.46	786.33	285.13	3.758	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Planned Extraction										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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	7,350.33	7,000.00	6,879.22	291.42	32.39	45.41	-1,062.55	9,546.64	1,188.58	1,064.94	123.65	9.613	
17,100.00	7,352.17	7,037.65	6,915.06	294.37	32.72	48.09	-1,062.07	9,558.14	1,099.68	967.09	132.58	8.294	
17,200.00	7,354.02	7,051.09	6,927.66	297.32	32.84	49.09	-1,061.91	9,562.81	1,013.37	870.20	143.17	7.078	
17,300.00	7,355.87	7,066.28	6,941.76	300.27	32.97	50.24	-1,061.73	9,568.45	929.23	773.80	155.44	5.978	
17,400.00	7,357.71	7,100.00	6,972.50	303.22	33.26	52.90	-1,061.34	9,582.29	848.14	678.74	169.40	5.007	
17,500.00	7,359.56	7,100.00	6,972.50	306.17	33.26	52.90	-1,061.34	9,582.29	769.68	583.30	186.38	4.130	
17,600.00	7,361.41	7,126.30	6,995.88	309.12	33.59	55.06	-1,061.05	9,594.33	695.76	490.10	205.66	3.383	
17,686.20	7,363.00	7,149.01	7,015.61	311.66	33.87	56.98	-1,060.81	9,605.57	636.27	411.65	224.63	2.833	CC, ES, SF

Offset Design													5N-66W-08 Offsets Need HZ - TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Planned Extraction		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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
17,600.00	7,361.41	7,100.00	6,963.54	309.12	35.59	73.06	-1,685.87	9,583.93	1,174.10	876.39	297.71	3.944					
17,686.20	7,363.00	7,100.00	6,963.54	311.66	35.59	73.06	-1,685.87	9,583.93	1,141.36	832.56	308.80	3.696 CC, ES, SF					

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well (Plan Only) - PI										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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,686.20	7,363.00	7,062.38	6,800.05	311.66	46.40	-65.09	357.60	9,585.07	1,195.16	898.32	296.84	4.026	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well (Plan Only) - PI										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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
17,300.00	7,355.87	7,000.00	6,761.27	300.27	41.87	-53.32	26.46	9,565.87	1,153.40	944.53	208.87	5.522	
17,400.00	7,357.71	7,000.00	6,761.27	303.22	41.87	-53.32	26.46	9,565.87	1,089.18	867.88	221.30	4.922	
17,500.00	7,359.56	7,036.57	6,793.39	306.17	42.28	-55.33	33.36	9,581.93	1,029.27	792.86	236.41	4.354	
17,600.00	7,361.41	7,060.65	6,813.96	309.12	42.56	-56.64	37.78	9,593.63	975.13	723.44	251.69	3.874	
17,686.20	7,363.00	7,100.00	6,846.50	311.66	43.01	-58.76	44.75	9,614.62	933.64	667.52	266.13	3.508	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well (Plan Only) - PI										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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,100.00	7,352.17	6,956.89	6,753.97	294.37	38.15	-35.19	-295.28	9,566.82	1,159.57	1,033.04	126.52	9.165	
17,200.00	7,354.02	7,000.00	6,792.15	297.32	38.58	-37.77	-288.33	9,585.58	1,078.04	942.28	135.76	7.941	
17,300.00	7,355.87	7,000.00	6,792.15	300.27	38.58	-37.77	-288.33	9,585.58	997.21	851.99	145.22	6.867	
17,400.00	7,357.71	7,000.00	6,792.15	303.22	38.58	-37.77	-288.33	9,585.58	920.15	764.23	155.92	5.901	
17,500.00	7,359.56	7,031.70	6,819.28	306.17	38.98	-39.73	-283.40	9,601.20	846.57	677.33	169.24	5.002	
17,600.00	7,361.41	7,057.12	6,840.40	309.12	39.31	-41.34	-279.57	9,614.81	777.40	593.24	184.16	4.221	
17,686.20	7,363.00	7,100.00	6,874.61	311.66	39.86	-44.09	-273.37	9,639.89	722.33	523.00	199.32	3.624 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well (Plan Only) - PI										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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	7,350.33	6,900.00	6,738.96	291.42	34.89	-6.15	-604.67	9,564.28	1,192.63	1,127.41	65.22	18.285	
17,100.00	7,352.17	6,933.47	6,769.32	294.37	35.26	-6.91	-600.99	9,577.88	1,102.80	1,035.64	67.16	16.421	
17,200.00	7,354.02	6,949.79	6,783.83	297.32	35.44	-7.31	-599.23	9,585.15	1,014.71	944.66	70.04	14.487	
17,300.00	7,355.87	6,968.04	6,799.79	300.27	35.64	-7.78	-597.30	9,593.77	928.15	854.78	73.37	12.651	
17,400.00	7,357.71	7,000.00	6,827.07	303.22	36.00	-8.64	-594.01	9,610.09	843.60	766.89	76.71	10.998	
17,500.00	7,359.56	7,000.00	6,827.07	306.17	36.00	-8.64	-594.01	9,610.09	761.05	678.78	82.27	9.251	
17,600.00	7,361.41	7,037.80	6,858.10	309.12	36.54	-9.75	-590.28	9,631.33	680.92	593.91	87.01	7.826	
17,686.20	7,363.00	7,063.20	6,878.15	311.66	36.90	-10.55	-587.87	9,646.75	614.56	522.21	92.35	6.655 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST A2-9-11 - Extraction PR Well (Plan Only) - P										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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,400.00	7,357.71	7,000.00	6,739.05	303.22	43.68	-57.46	174.76	9,555.29	1,192.11	949.89	242.21	4.922	
17,500.00	7,359.56	7,037.65	6,772.61	306.17	44.08	-59.36	183.00	9,570.22	1,138.48	881.74	256.74	4.434	
17,600.00	7,361.41	7,060.32	6,792.33	309.12	44.33	-60.49	187.84	9,580.30	1,090.88	820.11	270.78	4.029	
17,686.20	7,363.00	7,100.00	6,825.87	311.66	44.76	-62.43	196.06	9,599.84	1,055.12	771.18	283.94	3.716	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C3-9-11 - Extraction PR Well (Plan Only) -										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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	7,350.33	7,033.86	6,895.42	291.42	35.46	-30.19	-442.70	9,547.41	1,138.71	1,048.78	89.93	12.662	
17,100.00	7,352.17	7,045.30	6,906.24	294.37	35.55	-31.05	-441.49	9,550.94	1,046.88	951.27	95.61	10.949	
17,200.00	7,354.02	7,058.19	6,918.33	297.32	35.65	-32.06	-440.14	9,555.16	956.27	853.89	102.37	9.341	
17,300.00	7,355.87	7,072.79	6,931.93	300.27	35.77	-33.24	-438.62	9,560.29	867.15	756.66	110.49	7.848	
17,400.00	7,357.71	7,100.00	6,956.88	303.22	35.99	-35.58	-435.83	9,570.75	780.08	659.61	120.47	6.475	
17,500.00	7,359.56	7,100.00	6,956.88	306.17	35.99	-35.58	-435.83	9,570.75	695.19	562.82	132.37	5.252	
17,600.00	7,361.41	7,130.89	6,984.59	309.12	36.34	-38.44	-432.75	9,584.06	613.33	465.68	147.65	4.154	
17,686.20	7,363.00	7,153.06	7,004.01	311.66	36.59	-40.63	-430.59	9,594.53	546.10	382.28	163.83	3.333	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - WHITE 8-1 - Extraction PR Well - No Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,500.00	7,285.69	7,222.69	7,222.69	188.44	254.17	-89.67	444.30	5,349.82	1,183.64	748.77	434.87	2.722		
13,600.00	7,287.53	7,224.53	7,224.53	191.37	254.23	-89.77	444.30	5,349.82	1,157.94	716.20	441.74	2.621		
13,700.00	7,289.38	7,226.38	7,226.38	194.31	254.30	-89.86	444.30	5,349.82	1,140.45	692.92	447.53	2.548		
13,800.00	7,291.23	7,228.23	7,228.23	197.24	254.36	-89.94	444.30	5,349.82	1,130.54	678.55	451.99	2.501		
13,865.07	7,292.43	7,229.43	7,229.43	199.15	254.41	-90.00	444.30	5,349.82	1,128.67	674.55	454.12	2.485 CC		
13,900.00	7,293.07	7,230.07	7,230.07	200.17	254.43	-90.03	444.30	5,349.82	1,129.21	674.22	454.99	2.482 ES, SF		
14,000.00	7,294.92	7,231.92	7,231.92	203.11	254.49	-90.13	444.30	5,349.82	1,136.70	680.27	456.44	2.490		
14,100.00	7,296.77	7,233.77	7,233.77	206.04	254.56	-90.22	444.30	5,349.82	1,152.85	696.49	456.36	2.526		
14,200.00	7,298.61	7,235.61	7,235.61	208.98	254.62	-90.31	444.30	5,349.82	1,177.30	722.41	454.89	2.588		

Offset Design 5N-66W-08 Offsets Need HZ - WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES Surveys													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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,500.00	7,267.22	7,161.13	7,160.48	159.13	15.61	-74.68	-591.16	5,119.80	1,132.06	1,091.56	40.50	27.952		
12,600.00	7,269.06	7,163.30	7,162.64	162.06	15.61	-75.92	-591.15	5,119.80	1,032.46	991.04	41.42	24.927		
12,700.00	7,270.91	7,165.48	7,164.82	164.98	15.62	-77.19	-591.14	5,119.81	932.94	890.34	42.60	21.900		
12,800.00	7,272.76	7,167.67	7,167.01	167.91	15.62	-78.47	-591.12	5,119.82	833.52	789.38	44.15	18.881		
12,900.00	7,274.60	7,169.87	7,169.21	170.84	15.62	-79.78	-591.11	5,119.83	734.27	688.03	46.23	15.882		
13,000.00	7,276.45	7,172.09	7,171.43	173.77	15.63	-81.10	-591.10	5,119.84	635.23	586.09	49.14	12.927		
13,100.00	7,278.30	7,174.31	7,173.65	176.70	15.63	-82.44	-591.09	5,119.85	536.55	483.20	53.35	10.057		
13,200.00	7,280.14	7,176.55	7,175.89	179.63	15.64	-83.79	-591.08	5,119.86	438.45	378.68	59.77	7.336		
13,300.00	7,281.99	7,178.80	7,178.14	182.57	15.64	-85.16	-591.07	5,119.87	341.44	271.17	70.27	4.859		
13,400.00	7,283.84	7,181.06	7,180.40	185.50	15.65	-86.54	-591.06	5,119.88	246.80	157.53	89.27	2.765		
13,500.00	7,285.69	7,183.33	7,182.67	188.44	15.65	-87.93	-591.05	5,119.89	158.85	30.32	128.52	1.236	Level 2	
13,600.00	7,287.53	7,185.62	7,184.96	191.37	15.66	-89.33	-591.04	5,119.90	97.70	-101.70	199.40	0.490	Level 1	
13,628.48	7,288.06	7,186.27	7,185.61	192.21	15.66	-89.73	-591.03	5,119.90	93.46	-114.93	208.38	0.448	Level 1, CC, ES, SF	
13,700.00	7,289.38	7,187.92	7,187.26	194.31	15.66	-90.73	-591.02	5,119.91	117.67	-53.29	170.96	0.688	Level 1	
13,800.00	7,291.23	7,190.23	7,189.57	197.24	15.67	-92.11	-591.01	5,119.92	194.80	83.20	111.60	1.746		
13,900.00	7,293.07	7,192.56	7,191.90	200.17	15.67	-93.52	-591.00	5,119.93	286.35	203.24	83.10	3.446		
14,000.00	7,294.92	7,194.90	7,194.24	203.11	15.68	-94.93	-590.99	5,119.94	382.14	313.71	68.43	5.584		
14,100.00	7,296.77	7,197.26	7,196.60	206.04	15.68	-96.34	-590.98	5,119.95	479.64	419.71	59.93	8.004		
14,200.00	7,298.61	7,199.62	7,198.96	208.98	15.69	-97.75	-590.97	5,119.96	577.99	523.43	54.56	10.593		
14,300.00	7,300.46	7,202.00	7,201.34	211.92	15.69	-99.16	-590.96	5,119.97	676.81	625.84	50.98	13.277		
14,400.00	7,302.31	7,204.40	7,203.74	214.86	15.70	-100.57	-590.95	5,119.98	775.93	727.45	48.48	16.007		
14,500.00	7,304.15	7,206.80	7,206.14	217.80	15.70	-101.96	-590.94	5,120.00	875.24	828.56	46.68	18.751		
14,600.00	7,306.00	7,209.22	7,208.56	220.74	15.71	-103.36	-590.93	5,120.01	974.69	929.33	45.35	21.491		
14,700.00	7,307.85	7,211.65	7,211.00	223.68	15.71	-104.74	-590.92	5,120.02	1,074.23	1,029.87	44.36	24.215		
14,800.00	7,309.70	7,213.62	7,212.96	226.62	15.71	-105.84	-590.91	5,120.03	1,173.85	1,130.24	43.61	26.914		

Offset Design 5N-66W-08 Offsets Need HZ - WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-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	
13,700.00	7,289.38	7,168.16	7,167.51	194.31	15.68	71.91	-766.04	6,373.19	1,185.23	1,144.52	40.71	29.112	
13,800.00	7,291.23	7,170.17	7,169.52	197.24	15.68	76.01	-766.04	6,373.19	1,085.53	1,044.00	41.53	26.139	
13,900.00	7,293.07	7,172.18	7,171.54	200.17	15.69	77.26	-766.04	6,373.19	985.91	943.30	42.61	23.140	
14,000.00	7,294.92	7,174.19	7,173.55	203.11	15.69	78.53	-766.04	6,373.20	886.36	842.34	44.02	20.136	
14,100.00	7,296.77	7,176.20	7,175.56	206.04	15.70	79.81	-766.04	6,373.20	786.93	741.00	45.92	17.136	
14,200.00	7,298.61	7,178.21	7,177.57	208.98	15.70	81.09	-766.04	6,373.20	687.65	639.09	48.56	14.162	
14,300.00	7,300.46	7,180.22	7,179.58	211.92	15.70	82.39	-766.03	6,373.21	588.61	536.28	52.33	11.249	
14,400.00	7,302.31	7,182.23	7,181.59	214.86	15.71	83.69	-766.03	6,373.21	489.95	431.99	57.96	8.453	
14,500.00	7,304.15	7,184.24	7,183.60	217.80	15.71	85.00	-766.03	6,373.21	391.96	325.07	66.90	5.859	
14,600.00	7,306.00	7,186.25	7,185.61	220.74	15.72	86.31	-766.03	6,373.22	295.32	213.03	82.29	3.589	
14,700.00	7,307.85	7,188.26	7,187.61	223.68	15.72	87.63	-766.03	6,373.22	201.94	89.58	112.36	1.797	
14,800.00	7,309.70	7,190.27	7,189.62	226.62	15.72	88.95	-766.03	6,373.22	119.74	-60.03	179.78	0.666	Level 1
14,882.26	7,311.21	7,208.08	7,191.27	229.04	15.81	90.04	-766.03	6,373.23	87.03	-158.28	245.31	0.355	Level 1, CC, ES, SF
14,900.00	7,311.54	7,207.73	7,191.63	229.56	15.80	90.27	-766.03	6,373.23	88.82	-152.99	241.82	0.367	Level 1
15,000.00	7,313.39	7,205.72	7,193.64	232.50	15.79	91.59	-766.02	6,373.23	146.40	-11.56	157.95	0.927	Level 1
15,100.00	7,315.24	7,203.71	7,195.64	235.44	15.77	92.91	-766.02	6,373.23	234.45	125.69	108.76	2.156	
15,200.00	7,317.08	7,201.70	7,197.65	238.39	15.76	94.23	-766.02	6,373.24	329.38	243.78	85.61	3.848	
15,300.00	7,318.93	7,200.30	7,199.66	241.33	15.75	95.54	-766.02	6,373.24	426.63	353.68	72.95	5.848	
15,400.00	7,320.78	7,202.31	7,201.67	244.27	15.76	96.85	-766.02	6,373.24	524.90	459.66	65.24	8.045	
15,500.00	7,322.62	7,204.32	7,203.67	247.22	15.78	98.15	-766.02	6,373.25	623.72	563.56	60.16	10.367	
15,600.00	7,324.47	7,206.33	7,205.68	250.16	15.79	99.44	-766.02	6,373.25	722.86	666.22	56.64	12.763	
15,700.00	7,326.32	7,208.33	7,207.69	253.11	15.81	100.72	-766.01	6,373.25	822.20	768.11	54.09	15.201	
15,800.00	7,328.16	7,210.34	7,209.70	256.05	15.82	101.99	-766.01	6,373.25	921.68	869.48	52.19	17.659	
15,900.00	7,330.01	7,212.35	7,211.70	259.00	15.84	103.25	-766.01	6,373.26	1,021.25	970.50	50.75	20.122	
16,000.00	7,331.86	7,214.36	7,213.71	261.94	15.86	104.49	-766.01	6,373.26	1,120.90	1,071.27	49.64	22.583	

Offset Design5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys												Offset Site Error:0.00 usft	
Survey Program:100-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,400.00	2,346.58	2,329.58	2,329.58	8.32	80.84	2.44	-569.35	-1,540.64	1,193.51	1,105.55	87.96	13.569	
2,500.00	2,443.38	2,426.38	2,426.38	8.56	84.26	2.50	-569.35	-1,540.64	1,168.40	1,076.89	91.52	12.767	
2,600.00	2,540.17	2,523.17	2,523.17	8.83	87.69	2.55	-569.35	-1,540.64	1,143.31	1,048.22	95.09	12.024	
2,700.00	2,636.96	2,619.96	2,619.96	9.12	91.12	2.61	-569.35	-1,540.64	1,118.21	1,019.53	98.67	11.332	
2,800.00	2,733.76	2,716.76	2,716.76	9.43	94.55	2.67	-569.35	-1,540.64	1,093.11	990.84	102.27	10.688	
2,900.00	2,830.55	2,813.55	2,813.55	9.75	97.97	2.73	-569.35	-1,540.64	1,068.01	962.13	105.88	10.087	
3,000.00	2,927.34	2,910.34	2,910.34	10.09	101.40	2.80	-569.35	-1,540.64	1,042.92	933.41	109.51	9.524	
3,100.00	3,024.13	3,007.13	3,007.13	10.44	104.83	2.86	-569.35	-1,540.64	1,017.82	904.68	113.14	8.996	
3,200.00	3,120.93	3,103.93	3,103.93	10.81	108.26	2.94	-569.35	-1,540.64	992.73	875.95	116.78	8.501	
3,300.00	3,217.72	3,200.72	3,200.72	11.18	111.69	3.01	-569.35	-1,540.64	967.64	847.20	120.44	8.034	
3,400.00	3,314.51	3,302.49	3,297.51	11.57	115.29	3.09	-569.35	-1,540.64	942.55	818.28	124.27	7.585	
3,500.00	3,411.31	3,405.69	3,394.31	11.96	118.95	3.18	-569.35	-1,540.64	917.46	789.29	128.17	7.158	
3,600.00	3,508.10	3,508.90	3,491.10	12.36	122.60	3.27	-569.35	-1,540.64	892.38	760.31	132.07	6.757	
3,700.00	3,604.89	3,587.89	3,587.89	12.77	125.40	3.36	-569.35	-1,540.64	867.30	732.17	135.13	6.418	
3,800.00	3,701.69	3,684.69	3,684.69	13.19	128.83	3.46	-569.35	-1,540.64	842.22	703.40	138.81	6.067	
3,900.00	3,798.48	3,781.48	3,781.48	13.61	132.26	3.57	-569.35	-1,540.64	817.14	674.63	142.51	5.734	
4,000.00	3,895.27	3,878.27	3,878.27	14.04	135.68	3.68	-569.35	-1,540.64	792.06	645.85	146.21	5.417	
4,100.00	3,992.06	3,975.06	3,975.06	14.47	139.11	3.80	-569.35	-1,540.64	766.99	617.07	149.91	5.116	
4,200.00	4,088.86	4,071.86	4,071.86	14.91	142.54	3.93	-569.35	-1,540.64	741.92	588.30	153.62	4.829	
4,300.00	4,185.65	4,168.65	4,168.65	15.35	145.97	4.07	-569.35	-1,540.64	716.86	559.52	157.34	4.556	
4,400.00	4,282.44	4,265.44	4,265.44	15.80	149.40	4.22	-569.35	-1,540.64	691.79	530.74	161.06	4.295	
4,500.00	4,379.24	4,362.24	4,362.24	16.25	152.83	4.38	-569.35	-1,540.64	666.74	501.96	164.78	4.046	
4,600.00	4,476.03	4,459.03	4,459.03	16.70	156.26	4.55	-569.35	-1,540.64	641.69	473.18	168.51	3.808	
4,700.00	4,572.82	4,555.82	4,555.82	17.16	159.69	4.73	-569.35	-1,540.64	616.64	444.40	172.24	3.580	
4,800.00	4,669.61	4,652.61	4,652.61	17.62	163.11	4.93	-569.35	-1,540.64	591.60	415.63	175.97	3.362	
4,900.00	4,766.41	4,749.41	4,749.41	18.08	166.54	5.15	-569.35	-1,540.64	566.57	386.86	179.71	3.153	
5,000.00	4,863.20	4,846.20	4,846.20	18.54	169.97	5.39	-569.35	-1,540.64	541.55	358.10	183.45	2.952	
5,100.00	4,959.99	4,942.99	4,942.99	19.01	173.40	5.65	-569.35	-1,540.64	516.53	329.34	187.19	2.759	
5,200.00	5,056.79	5,039.79	5,039.79	19.47	176.83	5.94	-569.35	-1,540.64	491.53	300.59	190.94	2.574	
5,300.00	5,153.58	5,136.58	5,136.58	19.94	180.26	6.26	-569.35	-1,540.64	466.54	271.85	194.69	2.396	
5,400.00	5,250.37	5,233.37	5,233.37	20.41	183.69	6.61	-569.35	-1,540.64	441.57	243.12	198.45	2.225	
5,500.00	5,347.16	5,330.16	5,330.16	20.89	187.12	7.01	-569.35	-1,540.64	416.61	214.40	202.21	2.060	
5,600.00	5,443.96	5,426.96	5,426.96	21.36	190.55	7.46	-569.35	-1,540.64	391.68	185.70	205.98	1.902	
5,700.00	5,540.75	5,523.75	5,523.75	21.84	193.98	7.97	-569.35	-1,540.64	366.77	157.02	209.75	1.749	
5,800.00	5,637.54	5,620.54	5,620.54	22.31	197.40	8.55	-569.35	-1,540.64	341.89	128.36	213.53	1.601	
5,900.00	5,734.34	5,717.34	5,717.34	22.79	200.83	9.23	-569.35	-1,540.64	317.05	99.73	217.32	1.459	Level 3
6,000.00	5,831.13	5,814.13	5,814.13	23.27	204.26	10.02	-569.35	-1,540.64	292.26	71.14	221.12	1.322	Level 3
6,100.00	5,927.92	5,910.92	5,910.92	23.75	207.69	10.95	-569.35	-1,540.64	267.53	42.59	224.94	1.189	Level 2
6,200.00	6,024.71	6,007.71	6,007.71	24.23	211.12	12.07	-569.35	-1,540.64	242.88	14.10	228.78	1.062	Level 2
6,300.00	6,121.51	6,104.51	6,104.51	24.72	214.55	13.45	-569.35	-1,540.64	218.34	-14.31	232.65	0.938	Level 1
6,400.00	6,218.30	6,201.30	6,201.30	25.20	217.98	15.17	-569.35	-1,540.64	193.95	-42.61	236.56	0.820	Level 1
6,500.00	6,315.09	6,301.91	6,298.09	25.68	221.54	17.39	-569.35	-1,540.64	169.77	-70.91	240.68	0.705	Level 1
6,600.00	6,411.92	6,405.08	6,394.92	26.15	225.20	22.41	-569.35	-1,540.64	146.06	-98.93	244.99	0.596	Level 1
6,700.00	6,510.45	6,506.55	6,493.45	26.34	228.79	61.99	-569.35	-1,540.64	132.60	-116.67	249.27	0.532	Level 1
6,732.30	6,542.57	6,525.57	6,525.57	26.38	229.47	90.00	-569.35	-1,540.64	131.74	-118.42	250.17	0.527	Level 1, CC, ES, SF
6,800.00	6,609.83	6,607.17	6,592.83	26.45	232.36	141.33	-569.35	-1,540.64	135.49	-118.02	253.52	0.534	Level 1
6,900.00	6,707.64	6,709.36	6,690.64	26.51	235.98	167.62	-569.35	-1,540.64	154.43	-103.17	257.60	0.600	Level 1
7,000.00	6,801.46	6,784.46	6,784.46	26.57	238.64	176.92	-569.35	-1,540.64	188.53	-71.91	260.45	0.724	Level 1
7,100.00	6,888.97	6,871.97	6,871.97	26.67	241.74	-178.57	-569.35	-1,540.64	236.71	-26.82	263.52	0.898	Level 1
7,200.00	6,968.03	6,951.03	6,951.03	26.85	244.54	-175.87	-569.35	-1,540.64	297.73	31.55	266.17	1.119	Level 2
7,300.00	7,036.68	7,019.68	7,019.68	27.18	246.97	-173.69	-569.35	-1,540.64	370.15	101.75	268.40	1.379	Level 3
7,400.00	7,093.25	7,076.25	7,076.25	27.71	248.98	-171.19	-569.35	-1,540.64	452.27	182.08	270.19	1.674	
7,500.00	7,136.32	7,119.32	7,119.32	28.47	250.50	-167.15	-569.35	-1,540.64	542.12	270.61	271.51	1.997	
7,600.00	7,164.85	7,147.85	7,147.85	29.48	251.52	-157.88	-569.35	-1,540.64	637.52	365.19	272.34	2.341	
7,700.00	7,178.13	7,161.13	7,161.13	30.71	251.99	-121.92	-569.35	-1,540.64	736.16	463.50	272.66	2.700	
7,800.00	7,180.41	7,163.41	7,163.41	32.13	252.07	-102.82	-569.35	-1,540.64	835.76	563.14	272.63	3.066	
7,900.00	7,182.26	7,165.26	7,165.26	33.77	252.13	-104.30	-569.35	-1,540.64	935.45	662.85	272.60	3.432	
8,000.00	7,184.10	7,167.10	7,167.10	35.60	252.20	-105.76	-569.35	-1,540.64	1,035.20	762.61	272.60	3.798	
8,100.00	7,185.95	7,168.95	7,168.95	37.58	252.26	-107.19	-569.35	-1,540.64	1,134.99	862.39	272.60	4.164	

Offset Design		5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft	
Survey Program:		214-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
2,300.00	2,249.79	2,320.07	2,276.62	8.10	9.53	22.42	-166.39	-1,571.76	1,178.87	1,162.06	16.81	70.135				
2,400.00	2,346.58	2,408.92	2,361.77	8.32	10.04	24.12	-141.07	-1,570.06	1,153.97	1,136.47	17.49	65.966				
2,500.00	2,443.38	2,509.82	2,458.65	8.56	10.63	26.11	-113.00	-1,567.30	1,129.45	1,111.17	18.27	61.805				
2,600.00	2,540.17	2,591.30	2,537.06	8.83	11.10	27.74	-90.94	-1,565.27	1,106.34	1,087.38	18.96	58.346				
2,700.00	2,636.96	2,684.94	2,626.76	9.12	11.67	29.74	-64.20	-1,562.90	1,084.63	1,064.87	19.77	54.864				
2,800.00	2,733.76	2,769.15	2,706.62	9.43	12.25	31.74	-37.58	-1,560.47	1,064.48	1,043.88	20.61	51.658				
2,900.00	2,830.55	2,859.07	2,791.63	9.75	12.87	33.98	-8.40	-1,557.84	1,046.21	1,024.72	21.49	48.677				
3,000.00	2,927.34	2,940.23	2,868.76	10.09	13.40	35.99	16.78	-1,555.87	1,029.96	1,007.66	22.30	46.192				
3,100.00	3,024.13	3,015.78	2,940.77	10.44	13.89	37.85	39.61	-1,554.96	1,016.41	993.35	23.06	44.081				
3,200.00	3,120.93	3,095.73	3,017.04	10.81	14.41	39.83	63.61	-1,555.21	1,005.93	982.09	23.84	42.190				
3,300.00	3,217.72	3,187.34	3,104.61	11.18	15.00	42.09	90.48	-1,556.04	997.60	972.90	24.70	40.393				
3,400.00	3,314.51	3,284.88	3,198.47	11.57	15.60	44.42	116.97	-1,557.18	990.51	964.95	25.56	38.750				
3,500.00	3,411.31	3,382.50	3,292.81	11.96	16.17	46.70	142.03	-1,558.41	984.61	958.22	26.40	37.302				
3,600.00	3,508.10	3,482.85	3,390.05	12.36	16.74	49.03	166.81	-1,559.21	979.53	952.30	27.23	35.979				
3,700.00	3,604.89	3,589.30	3,493.59	12.77	17.33	51.45	191.51	-1,559.75	975.15	947.08	28.06	34.747				
3,800.00	3,701.69	3,689.45	3,591.43	13.19	17.85	53.68	212.90	-1,559.57	970.79	941.95	28.84	33.667				
3,900.00	3,798.48	3,765.42	3,665.55	13.61	18.25	55.39	229.53	-1,559.67	968.47	939.02	29.45	32.887				
3,918.52	3,816.41	3,778.54	3,678.30	13.69	18.32	55.70	232.63	-1,559.72	968.41	938.85	29.56	32.764	CC, ES			
4,000.00	3,895.27	3,839.97	3,737.81	14.04	18.67	57.16	247.89	-1,560.07	969.49	939.44	30.05	32.261				
4,100.00	3,992.06	3,913.56	3,808.61	14.47	19.13	58.98	267.93	-1,560.55	973.81	943.17	30.64	31.786				
4,200.00	4,088.86	3,995.48	3,886.94	14.91	19.67	61.06	291.90	-1,561.08	981.21	949.93	31.28	31.372				
4,300.00	4,185.65	4,089.40	3,976.63	15.35	20.30	63.42	319.78	-1,561.69	990.77	958.79	31.99	30.975				
4,400.00	4,282.44	4,197.85	4,080.76	15.80	20.99	66.04	350.07	-1,562.14	1,000.79	968.02	32.77	30.538				
4,500.00	4,379.24	4,284.32	4,163.82	16.25	21.54	68.12	374.09	-1,561.70	1,011.91	978.54	33.37	30.326				
4,600.00	4,476.03	4,374.18	4,250.00	16.70	22.12	70.23	399.54	-1,561.82	1,025.45	991.48	33.97	30.188				
4,700.00	4,572.82	4,466.79	4,339.08	17.16	22.70	72.32	424.88	-1,562.00	1,039.92	1,005.35	34.57	30.082	SF			
4,800.00	4,669.61	4,548.82	4,417.79	17.62	23.23	74.15	447.99	-1,562.04	1,056.44	1,021.36	35.08	30.117				
4,900.00	4,766.41	4,639.68	4,504.86	18.08	23.83	76.14	473.95	-1,562.05	1,074.76	1,039.12	35.64	30.155				
5,000.00	4,863.20	4,746.51	4,607.57	18.54	24.50	78.35	503.31	-1,562.75	1,093.92	1,057.61	36.31	30.130				
5,100.00	4,959.99	4,849.72	4,707.37	19.01	25.12	80.34	529.56	-1,563.86	1,112.78	1,075.85	36.93	30.132				
5,200.00	5,056.79	4,931.43	4,786.34	19.47	25.61	81.90	550.56	-1,564.09	1,132.70	1,095.30	37.40	30.289				
5,300.00	5,153.58	5,015.97	4,867.82	19.94	26.13	83.47	573.11	-1,564.77	1,154.73	1,116.85	37.88	30.483				
5,400.00	5,250.37	5,140.80	4,988.65	20.41	26.86	85.62	604.37	-1,566.58	1,176.69	1,138.05	38.64	30.449				
5,500.00	5,347.16	5,271.41	5,116.12	20.89	27.56	87.71	632.76	-1,568.14	1,196.50	1,157.10	39.40	30.366				

Offset Design		5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft
Survey Program:		96-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,000.00	5,831.13	5,908.21	5,805.63	23.27	26.11	56.00	152.11	-2,255.50	1,198.32	1,158.67	39.65	30.224			
6,100.00	5,927.92	6,025.46	5,922.88	23.75	26.31	57.20	152.83	-2,256.58	1,185.28	1,144.93	40.35	29.373			
6,200.00	6,024.71	6,124.83	6,022.25	24.23	26.46	58.18	152.00	-2,257.19	1,171.57	1,130.52	41.06	28.536			
6,300.00	6,121.51	6,219.30	6,116.70	24.72	26.60	59.14	151.42	-2,257.97	1,158.50	1,116.73	41.77	27.737			
6,400.00	6,218.30	6,318.11	6,215.51	25.20	26.74	60.18	150.95	-2,258.64	1,145.76	1,103.27	42.49	26.966			
6,500.00	6,315.09	6,417.20	6,314.60	25.68	26.89	61.25	150.53	-2,259.03	1,133.21	1,089.99	43.23	26.215			
6,600.00	6,411.92	6,518.55	6,415.95	26.15	27.05	64.33	149.87	-2,259.29	1,120.95	1,076.99	43.97	25.496			
6,687.11	6,497.64	6,604.61	6,502.01	26.32	27.17	92.23	149.16	-2,259.28	1,116.24	1,071.86	44.38	25.152	CC, ES		
6,700.00	6,510.45	6,617.10	6,514.49	26.34	27.19	100.46	149.06	-2,259.29	1,116.34	1,071.90	44.44	25.121			
6,800.00	6,609.83	6,716.66	6,614.05	26.45	27.34	176.38	148.31	-2,259.42	1,124.03	1,079.24	44.79	25.094	SF		
6,900.00	6,707.64	6,818.75	6,716.13	26.51	27.49	-159.64	147.10	-2,259.59	1,143.30	1,098.25	45.04	25.382			
7,000.00	6,801.46	6,914.27	6,811.64	26.57	27.64	-151.15	145.61	-2,259.75	1,173.82	1,128.60	45.22	25.956			

Offset Design		5N-67W-12 Offsets - DETIENNE 24-12 - Noble Energy PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft	
Survey Program:		96-SRC Energy_ISCWSA REV 2 MWD											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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
6,000.00	5,831.13	5,895.98	5,805.64	23.27	24.70	-5.39	-1,047.41	-2,304.51	1,180.61	1,146.91	33.70	35.035				
6,100.00	5,927.92	6,007.84	5,917.48	23.75	24.90	-5.46	-1,047.15	-2,306.54	1,157.06	1,122.84	34.22	33.809				
6,200.00	6,024.71	6,118.90	6,028.54	24.23	25.07	-5.54	-1,046.27	-2,307.21	1,132.21	1,097.47	34.74	32.590				
6,300.00	6,121.51	6,218.36	6,127.98	24.72	25.22	-5.61	-1,044.95	-2,307.06	1,106.48	1,071.21	35.27	31.373				
6,400.00	6,218.30	6,311.81	6,221.42	25.20	25.35	-5.66	-1,043.46	-2,307.35	1,081.02	1,045.22	35.80	30.194				
6,500.00	6,315.09	6,412.27	6,321.86	25.68	25.50	-5.70	-1,041.65	-2,307.66	1,055.47	1,019.14	36.33	29.053				
6,600.00	6,411.92	6,508.11	6,417.68	26.15	25.65	-3.50	-1,039.53	-2,307.99	1,029.91	993.05	36.86	27.942				
6,700.00	6,510.45	6,604.52	6,514.04	26.34	25.79	33.12	-1,036.88	-2,308.74	1,013.02	975.72	37.30	27.155				
6,769.13	6,579.21	6,671.44	6,580.95	26.42	25.89	91.39	-1,035.17	-2,309.35	1,009.59	972.02	37.57	26.874	CC, ES			
6,800.00	6,609.83	6,703.91	6,613.40	26.45	25.94	109.15	-1,034.36	-2,309.63	1,010.24	972.56	37.68	26.808	SF			
6,900.00	6,707.64	6,808.38	6,717.83	26.51	26.10	132.95	-1,031.46	-2,310.14	1,021.27	983.28	37.99	26.881				
7,000.00	6,801.46	6,900.97	6,810.38	26.57	26.23	140.65	-1,028.79	-2,310.36	1,046.37	1,008.10	38.27	27.345				
7,100.00	6,888.97	6,985.29	6,894.67	26.67	26.36	143.95	-1,026.51	-2,310.59	1,085.64	1,047.13	38.51	28.192				
7,200.00	6,968.03	7,060.45	6,969.81	26.85	26.48	145.08	-1,024.75	-2,310.95	1,138.56	1,099.82	38.74	29.391				

Reference Depths are relative to RKB = 20' @ 4901.00usft (PD 462)

Offset Depths are relative to Offset Datum

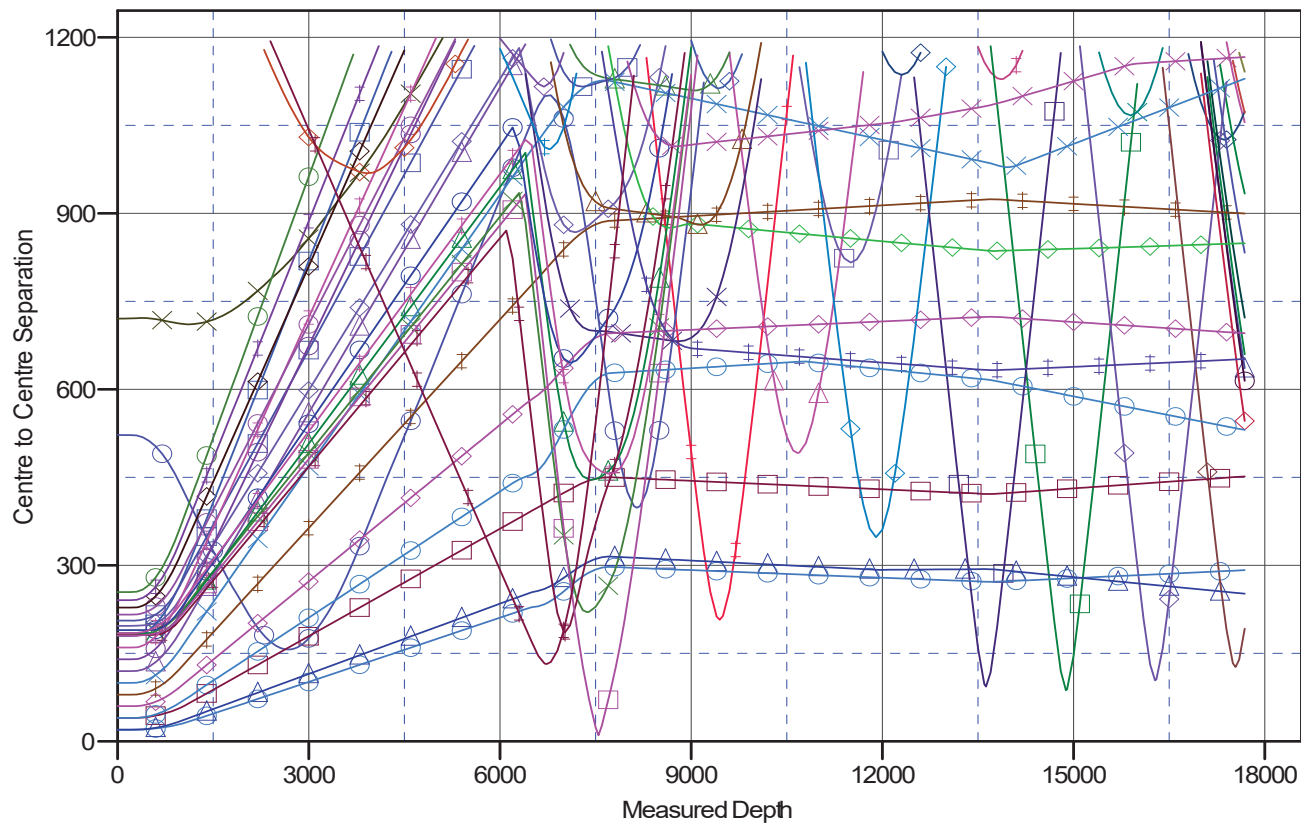
Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 8C-8-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

Ladder Plot



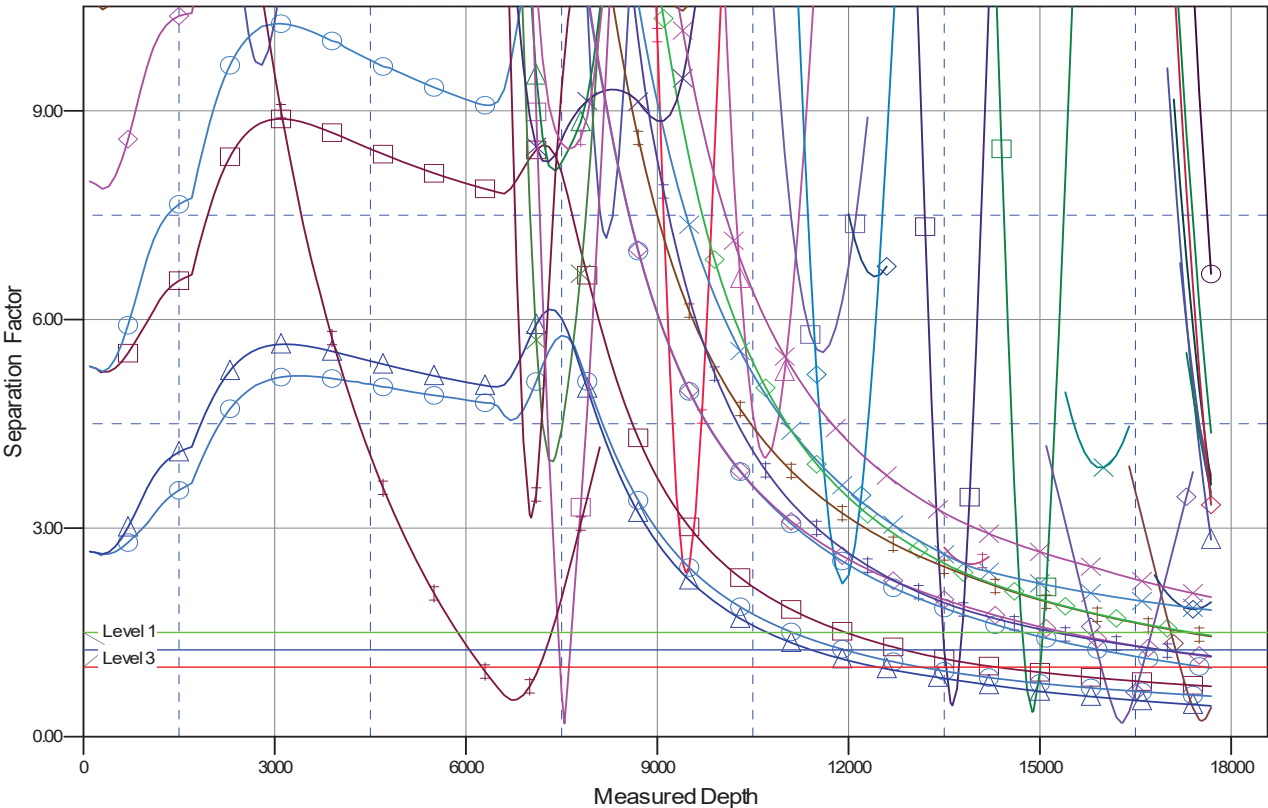
LEGEND

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|--|--|---|
| UPRC7-4#6, Noble Energy/PRWell, Actual VES Surveys V0 | MOENUS-10, SRC Energy/PRWell, Actual VES Surveys V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| AREL-17-11, Noble Energy/ABWell, Actual VES Surveys V0 | WIEDMAN-5#6, SRC Energy/SWell, Actual VES Surveys V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| NAPOLEON7-5, Noble Energy/PRWell, Actual VES Surveys V0 | TCOUNTR/CLUBWEST 5-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| STEPHEN57-13, SRC Energy/SWell, Actual VES Surveys V0 | TCAMS2-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| STEPHEN57-15, SRC Energy/SWell, Actual VES Surveys V0 | TCOUNTR/CLUBWEST 4-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| UPRC7-9#6, Noble Energy/PRWell, Actual VES Surveys V0 | TCOUNTR/CLUBWEST C3-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| SAWLEL-17-9, Noble Energy/SWell, Actual VES Surveys V0 | BOST FARM 11N11-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| STEPHEN57-14, SRC Energy/SWell, Actual VES Surveys V0 | BOST FARM 11N12-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCOUNTR/CLUBWEST A2-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N13-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCOUNTR/CLUBWEST 2-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N14-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| WHITE8-1, Extradon PRWell, No Surveys V0 | BOST FARM 11N15-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCAMS04-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N16-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| MOENUS-8, SRC Energy/SWell, No Surveys V0 | BOST FARM 11N17-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCAMS05-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N18-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| MOENUS-9, SRC Energy/SWell, No Surveys V0 | BOST FARM 11N19-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| WIEDMAN-6#6, SRC Energy/CM Well, Actual VES Surveys V0 | BOST FARM 11N20-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCAMS1-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N21-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCOUNTR/CLUBWEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N22-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| MOEN-7#6, SRC Energy/SWell, No Surveys V0 | BOST FARM 11N23-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |
| TCAMS3-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0 | BOST FARM 11N24-L, Wellbore #1, Design #1 V0 | BOST FARM 11N8-L, Wellbore #1, Design #1 V0 |

Reference Depths are relative to RKB = 20' @ 4901.00usft (PD 462)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 8C-8-L
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.43°

Separation Factor Plot



LEGEND

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| UFRCT-4#6, Noble Energy/PRWell, Actual VES Surveys V0 | MOENUS-10, SRC Energy/PRWell, Actual VES Surveys V0 | BOSTFARM1N8A-L, Wellbore #1, Design #1 V0 |
| AREL-J7-11, Noble Energy/AB Well, Actual VES Surveys V0 | WIEDMANB-5#6, SRC Energy/SWell, Actual VES Surveys V0 | BOSTFARM1N8CL, Wellbore #1, Design #1 V0 |
| NAPOLEON7-5, Noble Energy/PRWell, Actual VES Surveys V0 | TCOUNTR/CLUBWEST 5-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N8L2, Wellbore #1, Design #1 V0 |
| STEPHENST-13, SRC Energy/SWell, Actual VES Surveys V0 | TCAMS2-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| STEPHENST-15, SRC Energy/SWell, Actual VES Surveys V0 | TCOUNTR/CLUBWEST 4-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| UFRCT-4#6, Noble Energy/PRWell, Actual VES Surveys V0 | TCOUNTR/CLUBWEST Q2-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| SWAMEL-J7-9, Noble Energy/SWell, Actual VES Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| STEPHENST-14, SRC Energy/SWell, Actual VES Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCOUNTR/CLUBWEST A2-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCOUNTR/CLUBWEST 2-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| WHITE8-1, Extration PRWell, No Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCAMSQ4-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| MOENUS-8, SRC Energy/SWell, No Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCAMSQ5-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| MOENUS-9, SRC Energy/SWell, No Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| WIEDMANB-6#6, SRC Energy/OM Well, Actual VES Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCAMS1-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCOUNTR/CLUBWEST 3-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| MOENUS-7#6, SRC Energy/SWell, No Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |
| TCAMS3-9-11, Extration PRWell (Plan Only), Planned Extration Surveys V0 | BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | BOSTFARM1N8L2-M, Wellbore #1, Design #1 V0 |