



Weatherford®

Drilling Services

Proposal

BERRY PETROLEUM COMPANY

BERRY 11-2D

GARFIELD COUNTY, CO

WELL FILE:PLAN 1

JUNE 25, 2007

Weatherford International Ltd.

2690 Oil Drive
Casper, Wyoming 82604
+1.307.265.1413 Main
+1.307.235.3958 Fax
www.weatherford.com



Berry Petroleum Company

BERRY 11-2D
1579' FSL, 670' FEL
SECTION 11-T6S-R97W
GARFIELD COUNTY, CO.

SITE DETAILS

BERRY 11-15D PAD
 SECTION 11-T6S-R97W
 1615' FSL, 753' FEL

Site Centre Latitude: 39°32'04.776N
 Longitude: 108°10'50.664W

Ground Level: 8151.00
 Positional Uncertainty: 0.00
 Convergence: -1.69

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	181.11	0.00	0.00	0.00	0.00	0.00	0.00	
2	1000.00	0.00	181.11	1000.00	0.00	0.00	0.00	0.00	0.00	
3	1622.95	12.46	181.11	1618.06	-67.45	-1.31	2.00	181.11	67.46	
4	5178.52	12.46	181.11	5089.89	-834.39	-16.15	0.00	0.00	834.55	
5	6424.43	0.00	181.11	6326.00	-969.30	-18.76	1.00	180.00	969.48	11-2D PBHL
6	9149.43	0.00	181.11	9051.00	-969.30	-18.76	0.00	181.11	969.48	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
BERRY 11-2D	-40.20	81.84	1630743.84	2244104.27	39°32'04.379N	108°10'49.619W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
11-2D PBHL	9051.00	-969.30	-18.76	1629775.51	2244056.92	Rectangle (100x200)

FIELD DETAILS

GARFIELD COUNTY (NAD 83)
 COLORADO

Geodetic System: US State Plane Coordinate System 1983
 Ellipsoid: GRS 1980
 Zone: colorado, central zone
 Magnetic Model: bbgm2006

System Datum: Mean Sea Level
 Local North: True North

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	2301.00	2322.37	WASATCH
2	5921.00	6019.09	OHIO CREEK
3	6251.00	6349.42	MESAVERDE
4	6326.00	6424.43	APPROX TOP GAS
5	8501.00	8599.43	CAMEO
6	8951.00	9049.43	ROLLINS SS

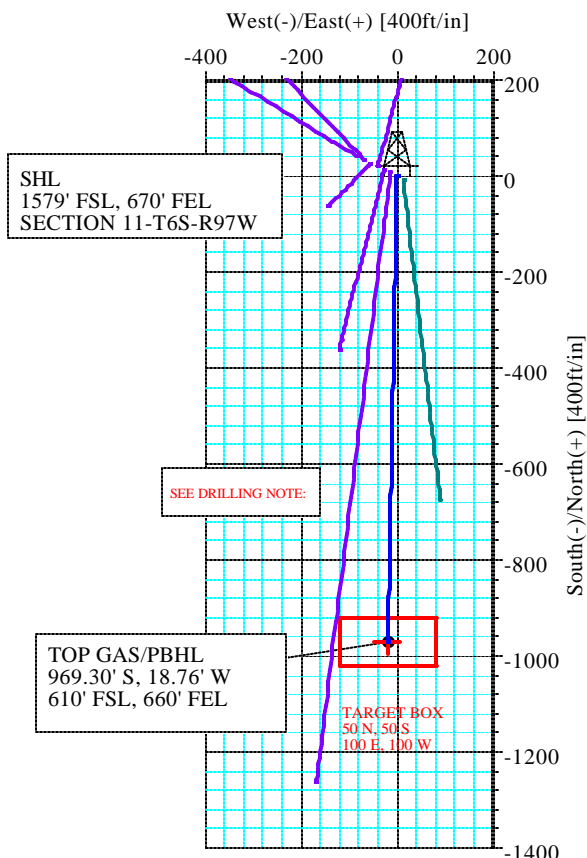
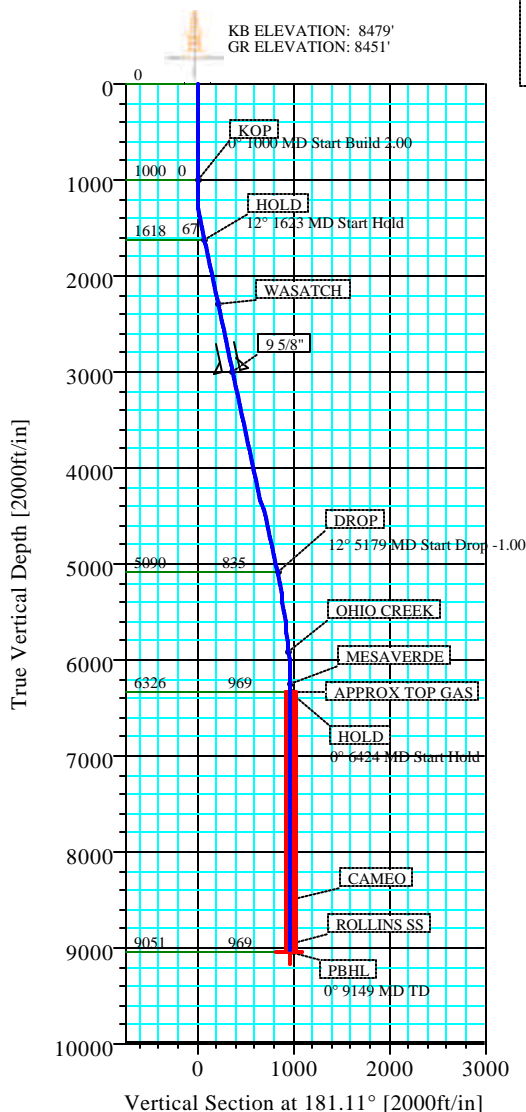


Azimuths to True North
 Magnetic North: 10.98°

Magnetic Field
 Strength: 52702nT
 Dip Angle: 65.88°
 Date: 6/25/2007
 Model: bbgm2006

TOTAL CORRECTION TO TRUE NORTH 10.98°

-DRILLING NOTE-
TO ACCOUNT FOR THE 240° DRIFT IN AZIMUTH, AIM
FOR THE NE SIDE OF PBHL, AND
BE IN THE TARGET WINDOW BY THE TOP GAS AND STAY
WITHIN THE WINDOW TO TD. DO NOT GO OUTSIDE THE
WINDOW.



Weatherford

Plan: Plan #1 (BERRY 11-2D/1)

Created By: ROBERT SCOTT

Date: 6/25/2007

Weatherford International, Ltd.

PLAN REPORT

Company: BERRY PETROLEUM COMPANY Field: GARFIELD COUNTY (NAD 83) Site: BERRY 11-15D PAD Well: BERRY 11-2D Wellpath: 1	Date: 6/25/2007 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 13:42:23 Well: BERRY 11-2D, True North SITE 8179.0 Well (0.00N,0.00E,181.11Azi) Minimum Curvature	Page: 1 Db: Sybase
--	--	--	-------------------------------------

Field: GARFIELD COUNTY (NAD 83) COLORADO	
Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level	Map Zone: colorado, central zone Coordinate System: Well Centre Geomagnetic Model: bggm2006

Site: BERRY 11-15D PAD SECTION 11-T6S-R97W 1615' FSL, 753' FEL	
Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 8151.00 ft	Northing: 1630786.44 ft Easting: 2244023.65 ft Latitude: 39 32 4.776 N Longitude: 108 10 50.664 W North Reference: True Grid Convergence: -1.69 deg

Well: BERRY 11-2D 1579' FSL, 670' FEL	
Well Position: +N/-S -40.20 ft +E/-W 81.84 ft Position Uncertainty: 0.00 ft	Slot Name: Well Position: 39 32 4.379 N Longitude: 108 10 49.619 W

Wellpath: 1 Current Datum: SITE Magnetic Data: 6/25/2007 Field Strength: 52702 nT Vertical Section: Depth From (TVD) ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 10.98 deg Mag Dip Angle: 65.88 deg +N/-S ft +E/-W ft Direction deg
0.00	0.00 0.00 181.11

Plan: Plan #1 Principal: Yes	Date Composed: 6/25/2007 Version: 1 Tied-to: From Surface
---	--

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	181.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	181.11	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1622.95	12.46	181.11	1618.06	-67.45	-1.31	2.00	2.00	0.00	181.11	
5178.52	12.46	181.11	5089.89	-834.39	-16.15	0.00	0.00	0.00	0.00	
6424.43	0.00	181.11	6326.00	-969.30	-18.76	1.00	-1.00	0.00	180.00	
9149.43	0.00	181.11	9051.00	-969.30	-18.76	0.00	0.00	0.00	181.11	11-2D PBHL

Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
1000.00	0.00	181.11	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
1100.00	2.00	181.11	1099.98	-1.74	-0.03	1.75	2.00	2.00	0.00	
1200.00	4.00	181.11	1199.84	-6.98	-0.14	6.98	2.00	2.00	0.00	
1300.00	6.00	181.11	1299.45	-15.69	-0.30	15.69	2.00	2.00	0.00	
1400.00	8.00	181.11	1398.70	-27.87	-0.54	27.88	2.00	2.00	0.00	
1500.00	10.00	181.11	1497.47	-43.51	-0.84	43.52	2.00	2.00	0.00	HOLD
1600.00	12.00	181.11	1595.62	-62.59	-1.21	62.60	2.00	2.00	0.00	
1622.95	12.46	181.11	1618.06	-67.45	-1.31	67.46	2.00	2.00	0.00	
1700.00	12.46	181.11	1693.29	-84.07	-1.63	84.09	0.00	0.00	0.00	
1800.00	12.46	181.11	1790.93	-105.64	-2.04	105.66	0.00	0.00	0.00	
1900.00	12.46	181.11	1888.58	-127.21	-2.46	127.24	0.00	0.00	0.00	
2000.00	12.46	181.11	1986.22	-148.78	-2.88	148.81	0.00	0.00	0.00	
2100.00	12.46	181.11	2083.87	-170.35	-3.30	170.38	0.00	0.00	0.00	
2200.00	12.46	181.11	2181.51	-191.92	-3.71	191.96	0.00	0.00	0.00	
2300.00	12.46	181.11	2279.16	-213.49	-4.13	213.53	0.00	0.00	0.00	

Weatherford International, Ltd.

PLAN REPORT

Company: BERRY PETROLEUM COMPANY Field: GARFIELD COUNTY (NAD 83) Site: BERRY 11-15D PAD Well: BERRY 11-2D Wellpath: 1	Date: 6/25/2007 Co-ordinate(NE) Reference: Well: BERRY 11-2D, True North Vertical (TVD) Reference: SITE 8179.0 Section (VS) Reference: Well (0.00N,0.00E,181.11Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
--	---

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
2322.37	12.46	181.11	2301.00	-218.32	-4.23	218.36	0.00	0.00	0.00	WASATCH
2400.00	12.46	181.11	2376.80	-235.06	-4.55	235.11	0.00	0.00	0.00	
2500.00	12.46	181.11	2474.45	-256.63	-4.97	256.68	0.00	0.00	0.00	
2600.00	12.46	181.11	2572.09	-278.20	-5.38	278.25	0.00	0.00	0.00	
2700.00	12.46	181.11	2669.74	-299.77	-5.80	299.83	0.00	0.00	0.00	
2800.00	12.46	181.11	2767.38	-321.34	-6.22	321.40	0.00	0.00	0.00	9 5/8"
2900.00	12.46	181.11	2865.03	-342.91	-6.64	342.98	0.00	0.00	0.00	
3000.00	12.46	181.11	2962.67	-364.48	-7.05	364.55	0.00	0.00	0.00	
3038.23	12.46	181.11	3000.00	-372.73	-7.21	372.80	0.00	0.00	0.00	
3100.00	12.46	181.11	3060.32	-386.05	-7.47	386.13	0.00	0.00	0.00	
3200.00	12.46	181.11	3157.96	-407.62	-7.89	407.70	0.00	0.00	0.00	
3300.00	12.46	181.11	3255.61	-429.19	-8.31	429.27	0.00	0.00	0.00	
3400.00	12.46	181.11	3353.25	-450.76	-8.72	450.85	0.00	0.00	0.00	
3500.00	12.46	181.11	3450.90	-472.33	-9.14	472.42	0.00	0.00	0.00	
3600.00	12.46	181.11	3548.54	-493.90	-9.56	494.00	0.00	0.00	0.00	
3700.00	12.46	181.11	3646.19	-515.47	-9.98	515.57	0.00	0.00	0.00	
3800.00	12.46	181.11	3743.83	-537.04	-10.39	537.14	0.00	0.00	0.00	
3900.00	12.46	181.11	3841.48	-558.61	-10.81	558.72	0.00	0.00	0.00	
4000.00	12.46	181.11	3939.12	-580.18	-11.23	580.29	0.00	0.00	0.00	
4100.00	12.46	181.11	4036.77	-601.75	-11.65	601.87	0.00	0.00	0.00	
4200.00	12.46	181.11	4134.41	-623.32	-12.06	623.44	0.00	0.00	0.00	
4300.00	12.46	181.11	4232.06	-644.90	-12.48	645.02	0.00	0.00	0.00	
4400.00	12.46	181.11	4329.70	-666.47	-12.90	666.59	0.00	0.00	0.00	
4500.00	12.46	181.11	4427.35	-688.04	-13.32	688.16	0.00	0.00	0.00	
4600.00	12.46	181.11	4524.99	-709.61	-13.73	709.74	0.00	0.00	0.00	
4700.00	12.46	181.11	4622.64	-731.18	-14.15	731.31	0.00	0.00	0.00	
4800.00	12.46	181.11	4720.28	-752.75	-14.57	752.89	0.00	0.00	0.00	
4900.00	12.46	181.11	4817.93	-774.32	-14.99	774.46	0.00	0.00	0.00	
5000.00	12.46	181.11	4915.57	-795.89	-15.40	796.04	0.00	0.00	0.00	
5100.00	12.46	181.11	5013.22	-817.46	-15.82	817.61	0.00	0.00	0.00	
5178.52	12.46	181.11	5089.89	-834.39	-16.15	834.55	0.00	0.00	0.00	DROP
5200.00	12.24	181.11	5110.87	-838.99	-16.24	839.14	1.00	-1.00	0.00	
5300.00	11.24	181.11	5208.78	-859.34	-16.63	859.50	1.00	-1.00	0.00	
5400.00	10.24	181.11	5307.02	-877.98	-16.99	878.14	1.00	-1.00	0.00	
5500.00	9.24	181.11	5405.58	-894.90	-17.32	895.07	1.00	-1.00	0.00	
5600.00	8.24	181.11	5504.42	-910.10	-17.62	910.27	1.00	-1.00	0.00	
5700.00	7.24	181.11	5603.50	-923.57	-17.88	923.74	1.00	-1.00	0.00	
5800.00	6.24	181.11	5702.81	-935.31	-18.10	935.49	1.00	-1.00	0.00	
5900.00	5.24	181.11	5802.31	-945.32	-18.30	945.50	1.00	-1.00	0.00	
6000.00	4.24	181.11	5901.96	-953.59	-18.46	953.77	1.00	-1.00	0.00	
6019.09	4.05	181.11	5921.00	-954.97	-18.48	955.15	1.00	-1.00	0.00	OHIO CREEK
6100.00	3.24	181.11	6001.75	-960.12	-18.58	960.30	1.00	-1.00	0.00	
6200.00	2.24	181.11	6101.63	-964.90	-18.68	965.08	1.00	-1.00	0.00	
6300.00	1.24	181.11	6201.58	-967.95	-18.73	968.13	1.00	-1.00	0.00	
6349.42	0.75	181.11	6251.00	-968.81	-18.75	968.99	1.00	-1.00	0.00	
6400.00	0.24	181.11	6301.57	-969.25	-18.76	969.43	1.00	-1.00	0.00	APPROX TOP GAS
6424.43	0.00	181.11	6326.00	-969.30	-18.76	969.48	1.00	-1.00	0.00	
6500.00	0.00	181.11	6401.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
6600.00	0.00	181.11	6501.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
6700.00	0.00	181.11	6601.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
6800.00	0.00	181.11	6701.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
6900.00	0.00	181.11	6801.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7000.00	0.00	181.11	6901.57	-969.30	-18.76	969.48	0.00	0.00	0.00	

Weatherford International, Ltd.

PLAN REPORT

Company:	BERRY PETROLEUM COMPANY	Date:	6/25/2007	Time:	13:42:23	Page:	3
Field:	GARFIELD COUNTY (NAD 83)	Co-ordinate(NE) Reference:	Well: BERRY 11-2D, True North				
Site:	BERRY 11-15D PAD	Vertical (TVD) Reference:	SITE 8179.0				
Well:	BERRY 11-2D	Section (VS) Reference:	Well (0.00N,0.00E,181.11Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature				Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
7100.00	0.00	181.11	7001.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7200.00	0.00	181.11	7101.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7300.00	0.00	181.11	7201.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7400.00	0.00	181.11	7301.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7500.00	0.00	181.11	7401.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7600.00	0.00	181.11	7501.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7700.00	0.00	181.11	7601.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7800.00	0.00	181.11	7701.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
7900.00	0.00	181.11	7801.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8000.00	0.00	181.11	7901.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8100.00	0.00	181.11	8001.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8200.00	0.00	181.11	8101.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8300.00	0.00	181.11	8201.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8400.00	0.00	181.11	8301.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8500.00	0.00	181.11	8401.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8599.43	0.00	181.11	8501.00	-969.30	-18.76	969.48	0.00	0.00	0.00	CAMEO
8600.00	0.00	181.11	8501.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8700.00	0.00	181.11	8601.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8800.00	0.00	181.11	8701.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
8900.00	0.00	181.11	8801.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
9000.00	0.00	181.11	8901.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
9049.43	0.00	181.11	8951.00	-969.30	-18.76	969.48	0.00	0.00	0.00	ROLLINS SS
9100.00	0.00	181.11	9001.57	-969.30	-18.76	969.48	0.00	0.00	0.00	
9149.43	0.00	181.11	9051.00	-969.30	-18.76	969.48	0.00	0.00	0.00	11-2D PBHL

Annotation

MD ft	TVD ft	
1000.00	1000.00	KOP
1622.95	1618.05	HOLD
5178.52	5089.89	DROP
6424.43	6326.00	HOLD
9149.43	9051.00	PBHL

Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ---->			<--- Longitude --->				
								Deg	Min	Sec	Deg	Min	Sec		
11-2D PBHL -Rectangle (100x200) -Plan hit target			9051.00	-969.30	-18.76	1629775.51	2244056.92	39	31	54.799	N	108	10	49.859	W

Weatherford International, Ltd.

Anticollision Report

Company: BERRY PETROLEUM COMPANY Field: GARFIELD COUNTY (NAD 83) Reference Site: BERRY 11-15D PAD Reference Well: BERRY 11-2D Reference Wellpath: 1	Date: 6/25/2007 Co-ordinate(NE) Reference: Vertical (TVD) Reference:	Time: 13:42:00 Well: BERRY 11-2D, True North SITE 8179.0	Page: 1 Db: Sybase
--	---	---	---

NO GLOBAL SCAN: Using user defined selection & scan criteria Interpolation Method: MD Interval: 100.00 ft Depth Range: 0.00 to 14724.89 ft Maximum Radius: 10000.00 ft	Reference: Plan: Plan #1 Error Model: ISCWSA Ellipse Scan Method: Closest Approach 3D Error Surface: Ellipse
--	---

Plan: Plan #1 Principal: Yes	Date Composed: 6/25/2007 Version: 1 Tied-to: From Surface
---	--

Summary

<----- Offset Wellpath ----->	Reference	Offset	Ctr-Ctr	Edge	Separation	Warning
Site Well Wellpath	MD ft	MD ft	Distance ft	Distance ft	Factor	
BERRY 11-15D PAD BERRY 11-1D	1 V0 Plan: Plan #1 V1	9100.00	9151.84	328.44	283.19	7.26
BERRY 11-15D PAD BERRY 11-3D	1 V0 Plan: Plan #1 V1	1600.00	1598.63	20.43	13.13	2.80

Site: BERRY 11-15D PAD
Well: BERRY 11-1D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference	Offset	Semi-Major Axis	Offset Location	Ctr-Ctr	Edge	Separation	Warning					
MD TVD MD TVD Ref Offset TFO-HS North East Distance Distance Factor	ft ft ft ft ft ft deg ft ft ft ft ft											
0.00	0.00	0.00	0.00	0.00	0.00	295.92	6.71	-13.81	15.35			No Data
100.00	100.00	100.00	100.00	0.08	0.08	295.92	6.71	-13.81	15.35	15.19	94.86	
200.00	200.00	200.00	200.00	0.31	0.31	295.92	6.71	-13.81	15.35	14.74	25.11	
300.00	300.00	300.08	300.08	0.53	0.53	294.36	6.27	-13.86	15.21	14.15	14.33	
400.00	400.00	400.12	400.06	0.76	0.76	281.11	2.81	-14.28	14.55	13.04	9.60	
500.00	500.00	499.80	499.49	0.98	1.01	254.84	-4.10	-15.12	15.67	13.69	7.90	
600.00	600.00	598.88	598.02	1.20	1.28	228.73	-14.35	-16.36	21.85	19.41	8.93	
700.00	700.00	697.12	695.31	1.43	1.58	212.86	-27.86	-17.99	33.50	30.60	11.56	
800.00	800.00	794.32	791.05	1.65	1.93	204.22	-44.47	-20.01	49.58	46.23	14.80	
900.00	900.00	890.26	884.94	1.88	2.32	199.26	-64.02	-22.38	69.47	65.66	18.25	
1000.00	1000.00	985.19	977.16	2.10	2.75	196.19	-86.40	-25.09	92.82	88.55	21.74	
1100.00	1099.98	1082.45	1071.35	2.33	3.22	13.21	-110.45	-28.00	115.84	111.09	24.38	
1200.00	1199.84	1180.46	1166.27	2.56	3.70	12.26	-134.69	-30.94	135.60	130.36	25.88	
1300.00	1299.45	1279.09	1261.79	2.80	4.20	11.82	-159.09	-33.89	152.02	146.29	26.52	
1400.00	1398.70	1378.23	1357.80	3.06	4.70	11.72	-183.61	-36.86	165.06	158.83	26.50	
1500.00	1497.47	1477.76	1454.19	3.35	5.20	11.86	-208.23	-39.84	174.71	167.98	25.95	
1600.00	1595.62	1577.55	1550.84	3.68	5.71	12.24	-232.91	-42.83	180.96	173.72	24.99	
1700.00	1693.29	1677.46	1647.60	4.04	6.22	12.77	-257.62	-45.83	184.83	177.05	23.77	
1800.00	1790.93	1777.38	1744.36	4.42	6.74	13.30	-282.33	-48.82	188.62	180.30	22.67	
1900.00	1888.58	1877.29	1841.12	4.81	7.25	13.80	-307.05	-51.82	192.43	183.55	21.68	
2000.00	1986.22	1977.20	1937.89	5.22	7.77	14.28	-331.76	-54.81	196.25	186.81	20.80	
2100.00	2083.87	2077.12	2034.65	5.64	8.28	14.75	-356.47	-57.80	200.08	190.08	20.00	
2200.00	2181.51	2177.03	2131.41	6.06	8.80	15.19	-381.18	-60.80	203.93	193.35	19.28	
2300.00	2279.16	2276.94	2228.17	6.49	9.32	15.62	-405.89	-63.79	207.79	196.63	18.62	
2400.00	2376.80	2376.86	2324.94	6.93	9.83	16.04	-430.61	-66.78	211.66	199.92	18.03	
2500.00	2474.45	2476.77	2421.70	7.37	10.35	16.44	-455.32	-69.78	215.54	203.21	17.48	
2600.00	2572.09	2576.68	2518.46	7.81	10.87	16.83	-480.03	-72.77	219.44	206.51	16.98	
2700.00	2669.74	2676.60	2615.23	8.26	11.39	17.20	-504.74	-75.76	223.34	209.81	16.51	
2800.00	2767.38	2776.51	2711.99	8.70	11.91	17.56	-529.46	-78.76	227.25	213.12	16.09	
2900.00	2865.03	2876.42	2808.75	9.15	12.42	17.90	-554.17	-81.75	231.17	216.43	15.69	
3000.00	2962.67	2976.34	2905.51	9.60	12.94	18.24	-578.88	-84.74	235.09	219.75	15.32	
3100.00	3060.32	3076.25	3002.28	10.05	13.46	18.56	-603.59	-87.74	239.03	223.07	14.98	
3200.00	3157.96	3176.17	3099.04	10.51	13.98	18.88	-628.30	-90.73	242.97	226.40	14.66	
3300.00	3255.61	3276.08	3195.80	10.96	14.50	19.18	-653.02	-93.73	246.92	229.73	14.36	
3400.00	3353.25	3375.99	3292.57	11.42	15.02	19.48	-677.73	-96.72	250.88	233.06	14.08	
3500.00	3450.90	3475.91	3389.33	11.87	15.54	19.76	-702.44	-99.71	254.84	236.39	13.82	

Weatherford International, Ltd.

Anticollision Report

Company:	BERRY PETROLEUM COMPANY	Date:	6/25/2007	Time:	13:42:00	Page:	2
Field:	GARFIELD COUNTY (NAD 83)	Co-ordinate(NE) Reference:	Well: BERRY 11-2D, True North				
Reference Site:	BERRY 11-15D PAD	Vertical (TVD) Reference:	SITE 8179.0				
Reference Well:	BERRY 11-2D						
Reference Wellpath:	1	Db: Sybase					

Site: BERRY 11-15D PAD
Well: BERRY 11-1D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis		Offset Location		Ctr-Ctr Distance	Edge Distance	Separation Factor	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North				
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft		
3600.00	3548.54	3575.82	3486.09	12.33	16.06	20.04	-727.15	-102.71	258.81	239.73	13.57
3700.00	3646.19	3675.73	3582.85	12.79	16.58	20.31	-751.87	-105.70	262.78	243.08	13.33
3800.00	3743.83	3775.65	3679.62	13.25	17.10	20.57	-776.58	-108.69	266.76	246.42	13.11
3900.00	3841.48	3875.56	3776.38	13.71	17.62	20.82	-801.29	-111.69	270.75	249.77	12.90
4000.00	3939.12	3975.47	3873.14	14.17	18.14	21.07	-826.00	-114.68	274.74	253.12	12.71
4100.00	4036.77	4075.39	3969.91	14.63	18.66	21.30	-850.72	-117.67	278.74	256.47	12.52
4200.00	4134.41	4175.30	4066.67	15.09	19.18	21.54	-875.43	-120.67	282.74	259.83	12.34
4300.00	4232.06	4275.21	4163.43	15.55	19.70	21.76	-900.14	-123.66	286.74	263.19	12.17
4400.00	4329.70	4375.13	4260.20	16.01	20.22	21.98	-924.85	-126.66	290.75	266.55	12.01
4500.00	4427.35	4475.04	4356.96	16.47	20.74	22.19	-949.56	-129.65	294.76	269.91	11.86
4600.00	4524.99	4574.95	4453.72	16.93	21.26	22.40	-974.28	-132.64	298.78	273.28	11.71
4700.00	4622.64	4674.87	4550.48	17.39	21.78	22.60	-998.99	-135.64	302.80	276.64	11.58
4800.00	4720.28	4774.78	4647.25	17.86	22.30	22.80	-1023.70	-138.63	306.83	280.01	11.44
4900.00	4817.93	4874.69	4744.01	18.32	22.82	22.99	-1048.41	-141.62	310.85	283.38	11.31
5000.00	4915.57	4974.61	4840.77	18.78	23.34	23.18	-1073.13	-144.62	314.89	286.75	11.19
5100.00	5013.22	5077.93	4940.93	19.24	23.82	23.38	-1098.33	-147.67	318.59	289.81	11.07
5200.00	5110.87	5183.50	5043.68	19.69	24.20	23.69	-1122.36	-150.58	320.73	291.30	10.90
5300.00	5208.78	5289.11	5146.90	20.00	24.54	24.01	-1144.52	-153.27	322.22	292.24	10.75
5400.00	5307.02	5394.73	5250.53	20.29	24.87	24.30	-1164.78	-155.72	323.57	293.05	10.60
5500.00	5405.58	5500.38	5354.54	20.57	25.17	24.57	-1183.15	-157.95	324.76	293.73	10.47
5600.00	5504.42	5606.04	5458.89	20.84	25.46	24.81	-1199.62	-159.94	325.81	294.30	10.34
5700.00	5603.50	5711.71	5563.54	21.09	25.72	25.02	-1214.17	-161.70	326.70	294.73	10.22
5800.00	5702.81	5817.39	5668.45	21.32	25.96	25.21	-1226.80	-163.23	327.43	295.04	10.11
5900.00	5802.31	5923.09	5773.59	21.53	26.18	25.37	-1237.52	-164.53	328.01	295.22	10.00
6000.00	5901.96	6028.78	5878.92	21.72	26.38	25.51	-1246.30	-165.60	328.43	295.27	9.91
6100.00	6001.75	6134.49	5984.39	21.90	26.55	25.62	-1253.16	-166.43	328.68	295.19	9.81
6200.00	6101.63	6240.19	6089.98	22.06	26.70	25.71	-1258.08	-167.02	328.78	294.98	9.73
6300.00	6201.58	6345.89	6195.63	22.20	26.83	25.78	-1261.07	-167.38	328.72	294.64	9.65
6400.00	6301.57	6451.58	6301.32	22.32	26.94	25.82	-1262.12	-167.51	328.49	294.17	9.57
6500.00	6401.57	6551.84	6401.57	22.44	27.05	206.93	-1262.13	-167.51	328.44	292.57	9.16
6600.00	6501.57	6651.84	6501.57	22.58	27.17	206.93	-1262.13	-167.51	328.44	292.23	9.07
6700.00	6601.57	6751.84	6601.57	22.72	27.28	206.93	-1262.13	-167.51	328.44	291.90	8.99
6800.00	6701.57	6851.84	6701.57	22.86	27.40	206.93	-1262.13	-167.51	328.44	291.55	8.90
6900.00	6801.57	6951.84	6801.57	23.01	27.53	206.93	-1262.13	-167.51	328.44	291.21	8.82
7000.00	6901.57	7051.84	6901.57	23.15	27.65	206.93	-1262.13	-167.51	328.44	290.86	8.74
7100.00	7001.57	7151.84	7001.57	23.30	27.77	206.93	-1262.13	-167.51	328.44	290.52	8.66
7200.00	7101.57	7251.84	7101.57	23.45	27.90	206.93	-1262.13	-167.51	328.44	290.17	8.58
7300.00	7201.57	7351.84	7201.57	23.60	28.02	206.93	-1262.13	-167.51	328.44	289.82	8.50
7400.00	7301.57	7451.84	7301.57	23.75	28.15	206.93	-1262.13	-167.51	328.44	289.46	8.43
7500.00	7401.57	7551.84	7401.57	23.90	28.28	206.93	-1262.13	-167.51	328.44	289.11	8.35
7600.00	7501.57	7651.84	7501.57	24.05	28.41	206.93	-1262.13	-167.51	328.44	288.75	8.27
7700.00	7601.57	7751.84	7601.57	24.21	28.54	206.93	-1262.13	-167.51	328.44	288.39	8.20
7800.00	7701.57	7851.84	7701.57	24.36	28.67	206.93	-1262.13	-167.51	328.44	288.03	8.13
7900.00	7801.57	7951.84	7801.57	24.52	28.81	206.93	-1262.13	-167.51	328.44	287.66	8.05
8000.00	7901.57	8051.84	7901.57	24.68	28.94	206.93	-1262.13	-167.51	328.44	287.30	7.98
8100.00	8001.57	8151.84	8001.57	24.84	29.08	206.93	-1262.13	-167.51	328.44	286.93	7.91
8200.00	8101.57	8251.84	8101.57	24.99	29.21	206.93	-1262.13	-167.51	328.44	286.56	7.84
8300.00	8201.57	8351.84	8201.57	25.16	29.35	206.93	-1262.13	-167.51	328.44	286.19	7.77
8400.00	8301.57	8451.84	8301.57	25.32	29.49	206.93	-1262.13	-167.51	328.44	285.82	7.71
8500.00	8401.57	8551.84	8401.57	25.48	29.63	206.93	-1262.13	-167.51	328.44	285.45	7.64
8600.00	8501.57	8651.84	8501.57	25.64	29.77	206.93	-1262.13	-167.51	328.44	285.08	7.57

Weatherford International, Ltd.

Anticollision Report

Company:	BERRY PETROLEUM COMPANY	Date:	6/25/2007	Time:	13:42:00	Page:	3
Field:	GARFIELD COUNTY (NAD 83)	Co-ordinate(NE) Reference:	Well: BERRY 11-2D, True North				
Reference Site:	BERRY 11-15D PAD	Vertical (TVD) Reference:	SITE 8179.0				
Reference Well:	BERRY 11-2D						
Reference Wellpath:	1	Db: Sybase					

Site: BERRY 11-15D PAD
Well: BERRY 11-1D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr	Edge	Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
8700.00	8601.57	8751.84	8601.57	25.81	29.91	206.93	-1262.13	-167.51	328.44	284.70	7.51	
8800.00	8701.57	8851.84	8701.57	25.97	30.06	206.93	-1262.13	-167.51	328.44	284.32	7.44	
8900.00	8801.57	8951.84	8801.57	26.14	30.20	206.93	-1262.13	-167.51	328.44	283.95	7.38	
9000.00	8901.57	9051.84	8901.57	26.30	30.35	206.93	-1262.13	-167.51	328.44	283.57	7.32	
9100.00	9001.57	9151.84	9001.57	26.47	30.49	206.93	-1262.13	-167.51	328.44	283.19	7.26	

Site: BERRY 11-15D PAD
Well: BERRY 11-3D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr	Edge	Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East	Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
0.00	0.00	0.00	0.00	0.00	0.00	117.47	-6.66	12.81	14.44			No Data
100.00	100.00	100.00	100.00	0.08	0.08	117.47	-6.66	12.81	14.44	14.27	89.20	
200.00	200.00	200.00	200.00	0.31	0.31	117.47	-6.66	12.81	14.44	13.82	23.61	
300.00	300.00	300.00	300.00	0.53	0.53	117.47	-6.66	12.81	14.44	13.37	13.61	
400.00	400.00	400.00	400.00	0.76	0.76	117.47	-6.66	12.81	14.44	12.93	9.56	
500.00	500.00	500.00	500.00	0.98	0.98	117.47	-6.66	12.81	14.44	12.48	7.37	
600.00	600.00	600.00	600.00	1.20	1.20	117.47	-6.66	12.81	14.44	12.03	5.99	
700.00	700.00	700.00	700.00	1.43	1.43	117.47	-6.66	12.81	14.44	11.58	5.05	
800.00	800.00	800.00	800.00	1.65	1.65	117.47	-6.66	12.81	14.44	11.13	4.36	
900.00	900.00	900.00	900.00	1.88	1.88	117.47	-6.66	12.81	14.44	10.68	3.84	
1000.00	1000.00	1000.00	1000.00	2.10	2.10	117.47	-6.66	12.81	14.44	10.23	3.43	
1100.00	1099.98	1099.72	1099.70	2.33	2.33	295.89	-8.38	13.01	14.64	9.98	3.14	
1200.00	1199.84	1199.43	1199.27	2.56	2.56	294.54	-13.55	13.61	15.24	10.13	2.98	
1300.00	1299.45	1299.14	1298.60	2.80	2.80	292.53	-22.16	14.60	16.27	10.68	2.91	
1400.00	1398.70	1398.84	1397.56	3.06	3.06	290.12	-34.19	15.99	17.74	11.63	2.91	
1500.00	1497.47	1498.79	1496.52	3.35	3.34	283.20	-48.12	17.60	19.03	12.36	2.85	
1600.00	1595.62	1598.63	1595.37	3.68	3.63	267.52	-62.03	19.21	20.43	13.13	2.80	
1700.00	1693.29	1698.32	1694.07	4.04	3.93	249.00	-75.92	20.82	23.89	15.99	3.02	
1800.00	1790.93	1798.00	1792.76	4.42	4.24	235.96	-89.81	22.42	29.20	20.77	3.46	
1900.00	1888.58	1897.67	1891.46	4.81	4.55	227.23	-103.70	24.03	35.54	26.61	3.98	
2000.00	1986.22	1997.35	1990.15	5.22	4.87	221.23	-117.58	25.64	42.45	33.02	4.50	
2100.00	2083.87	2097.03	2088.84	5.64	5.20	216.94	-131.47	27.24	49.69	39.76	5.00	
2200.00	2181.51	2196.71	2187.54	6.06	5.52	213.75	-145.36	28.85	57.14	46.70	5.47	
2300.00	2279.16	2296.39	2286.23	6.49	5.85	211.31	-159.25	30.45	64.72	53.77	5.91	
2400.00	2376.80	2396.07	2384.92	6.93	6.18	209.38	-173.14	32.06	72.39	60.93	6.32	
2500.00	2474.45	2495.74	2483.61	7.37	6.52	207.82	-187.03	33.67	80.13	68.15	6.69	
2600.00	2572.09	2595.42	2582.31	7.81	6.85	206.53	-200.92	35.27	87.92	75.42	7.03	
2700.00	2669.74	2695.10	2681.00	8.26	7.19	205.46	-214.80	36.88	95.75	82.72	7.35	
2800.00	2767.38	2794.78	2779.69	8.70	7.52	204.54	-228.69	38.49	103.61	90.05	7.64	
2900.00	2865.03	2894.46	2878.39	9.15	7.86	203.76	-242.58	40.09	111.48	97.40	7.92	
3000.00	2962.67	2994.14	2977.08	9.60	8.20	203.08	-256.47	41.70	119.38	104.76	8.17	
3100.00	3060.32	3093.82	3075.77	10.05	8.54	202.48	-270.36	43.30	127.29	112.14	8.40	
3200.00	3157.96	3193.49	3174.47	10.51	8.88	201.96	-284.25	44.91	135.21	119.53	8.62	
3300.00	3255.61	3293.17	3273.16	10.96	9.22	201.49	-298.14	46.52	143.14	126.93	8.83	
3400.00	3353.25	3392.85	3371.85	11.42	9.57	201.07	-312.02	48.12	151.08	134.34	9.02	
3500.00	3450.90	3492.53	3470.55	11.87	9.91	200.70	-325.91	49.73	159.03	141.75	9.20	
3600.00	3548.54	3592.21	3569.24	12.33	10.25	200.36	-339.80	51.33	166.99	149.17	9.37	
3700.00	3646.19	3691.89	3667.93	12.79	10.59	200.05	-353.69	52.94	174.94	156.59	9.53	
3800.00	3743.83	3791.57	3766.62	13.25	10.94	199.76	-367.58	54.55	182.91	164.02	9.68	
3900.00	3841.48	3891.24	3865.32	13.71	11.28	199.50	-381.47	56.15	190.88	171.45	9.82	

Weatherford International, Ltd.

Anticollision Report

Company: BERRY PETROLEUM COMPANY	Date: 6/25/2007	Time: 13:42:00	Page: 4
Field: GARFIELD COUNTY (NAD 83)			
Reference Site: BERRY 11-15D PAD	Co-ordinate(NE) Reference: Well: BERRY 11-2D, True North		
Reference Well: BERRY 11-2D	Vertical (TVD) Reference: SITE 8179.0		
Reference Wellpath: 1	Db: Sybase		

Site: BERRY 11-15D PAD
Well: BERRY 11-3D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location		Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
MD ft	TVD ft	MD ft	TVD ft	Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
4000.00	3939.12	3990.92	3964.01	14.17	11.63	199.27	-395.36	57.76	198.85	178.88	9.96	
4100.00	4036.77	4090.60	4062.70	14.63	11.97	199.05	-409.24	59.37	206.82	186.32	10.09	
4200.00	4134.41	4190.28	4161.40	15.09	12.32	198.84	-423.13	60.97	214.80	193.75	10.21	
4300.00	4232.06	4289.96	4260.09	15.55	12.66	198.65	-437.02	62.58	222.78	201.19	10.32	
4400.00	4329.70	4389.64	4358.78	16.01	13.01	198.48	-450.91	64.18	230.76	208.64	10.43	
4500.00	4427.35	4489.31	4457.48	16.47	13.35	198.31	-464.80	65.79	238.75	216.08	10.53	
4600.00	4524.99	4588.99	4556.17	16.93	13.70	198.16	-478.69	67.40	246.73	223.53	10.63	
4700.00	4622.64	4688.67	4654.86	17.39	14.05	198.01	-492.58	69.00	254.72	230.97	10.73	
4800.00	4720.28	4788.35	4753.56	17.86	14.39	197.88	-506.46	70.61	262.71	238.42	10.82	
4900.00	4817.93	4888.03	4852.25	18.32	14.74	197.75	-520.35	72.21	270.70	245.87	10.90	
5000.00	4915.57	4987.71	4950.94	18.78	15.08	197.63	-534.24	73.82	278.69	253.32	10.98	
5100.00	5013.22	5087.39	5049.64	19.24	15.43	197.52	-548.13	75.43	286.69	260.77	11.06	
5200.00	5110.87	5187.07	5148.33	19.69	15.78	197.41	-562.02	77.03	294.64	268.19	11.14	
5300.00	5208.78	5286.83	5247.11	20.00	16.12	197.36	-575.92	78.64	301.45	274.51	11.19	
5400.00	5307.02	5386.70	5345.99	20.29	16.47	197.41	-589.83	80.25	306.59	279.15	11.17	
5500.00	5405.58	5486.63	5444.94	20.57	16.82	197.56	-603.76	81.86	310.08	282.13	11.10	
5600.00	5504.42	5586.61	5543.92	20.84	17.17	197.81	-617.69	83.47	311.90	283.45	10.96	
5700.00	5603.50	5682.07	5638.54	21.09	17.40	198.09	-630.26	84.92	312.77	283.88	10.83	
5800.00	5702.81	5777.37	5733.19	21.32	17.61	198.33	-641.25	86.20	313.48	284.18	10.70	
5900.00	5802.31	5872.67	5828.02	21.53	17.81	198.54	-650.68	87.29	314.04	284.35	10.58	
6000.00	5901.96	5967.98	5923.00	21.72	17.99	198.72	-658.54	88.19	314.44	284.38	10.46	
6100.00	6001.75	6063.29	6018.10	21.90	18.17	198.87	-664.82	88.92	314.68	284.27	10.35	
6200.00	6101.63	6158.61	6113.30	22.06	18.33	198.99	-669.54	89.47	314.76	284.02	10.24	
6300.00	6201.58	6253.93	6208.57	22.20	18.47	199.07	-672.68	89.83	314.67	283.63	10.14	
6400.00	6301.57	6349.26	6303.88	22.32	18.61	199.13	-674.24	90.01	314.42	283.10	10.04	
6500.00	6401.57	6397.38	6352.00	22.44	18.67	20.25	-674.44	90.03	318.18	286.90	10.17	
6600.00	6501.57	6397.38	6352.00	22.58	18.67	20.25	-674.44	90.03	348.07	316.61	11.06	
6700.00	6601.57	6397.38	6352.00	22.72	18.67	20.25	-674.44	90.03	401.33	369.68	12.68	
6800.00	6701.57	6397.38	6352.00	22.86	18.67	20.25	-674.44	90.03	470.09	438.25	14.77	
6900.00	6801.57	6397.38	6352.00	23.01	18.67	20.25	-674.44	90.03	548.54	516.52	17.13	
7000.00	6901.57	6397.38	6352.00	23.15	18.67	20.25	-674.44	90.03	633.10	600.88	19.65	
7100.00	7001.57	6397.38	6352.00	23.30	18.67	20.25	-674.44	90.03	721.61	689.21	22.27	
7200.00	7101.57	6397.38	6352.00	23.45	18.67	20.25	-674.44	90.03	812.80	780.21	24.94	
7300.00	7201.57	6397.38	6352.00	23.60	18.67	20.25	-674.44	90.03	905.85	873.06	27.63	
7400.00	7301.57	6397.38	6352.00	23.75	18.67	20.25	-674.44	90.03	1000.24	967.26	30.33	
7500.00	7401.57	6397.38	6352.00	23.90	18.67	20.25	-674.44	90.03	1095.62	1062.45	33.03	
7600.00	7501.57	6397.38	6352.00	24.05	18.67	20.25	-674.44	90.03	1191.76	1158.40	35.72	
7700.00	7601.57	6397.38	6352.00	24.21	18.67	20.25	-674.44	90.03	1288.49	1254.94	38.40	
7800.00	7701.57	6397.38	6352.00	24.36	18.67	20.25	-674.44	90.03	1385.69	1351.94	41.06	
7900.00	7801.57	6397.38	6352.00	24.52	18.67	20.25	-674.44	90.03	1483.25	1449.31	43.69	
8000.00	7901.57	6397.38	6352.00	24.68	18.67	20.25	-674.44	90.03	1581.13	1546.98	46.31	
8100.00	8001.57	6397.38	6352.00	24.84	18.67	20.25	-674.44	90.03	1679.25	1644.91	48.90	
8200.00	8101.57	6397.38	6352.00	24.99	18.67	20.25	-674.44	90.03	1777.58	1743.04	51.47	
8300.00	8201.57	6397.38	6352.00	25.16	18.67	20.25	-674.44	90.03	1876.09	1841.35	54.01	
8400.00	8301.57	6397.38	6352.00	25.32	18.67	20.25	-674.44	90.03	1974.75	1939.81	56.53	
8500.00	8401.57	6397.38	6352.00	25.48	18.67	20.25	-674.44	90.03	2073.53	2038.40	59.02	
8600.00	8501.57	6397.38	6352.00	25.64	18.67	20.25	-674.44	90.03	2172.43	2137.09	61.48	
8700.00	8601.57	6397.38	6352.00	25.81	18.67	20.25	-674.44	90.03	2271.42	2235.89	63.92	
8800.00	8701.57	6397.38	6352.00	25.97	18.67	20.25	-674.44	90.03	2370.50	2334.77	66.33	
8900.00	8801.57	6397.38	6352.00	26.14	18.67	20.25	-674.44	90.03	2469.65	2433.72	68.72	

Weatherford International, Ltd.

Anticollision Report

Company: BERRY PETROLEUM COMPANY	Date: 6/25/2007	Time: 13:42:00	Page: 5
Field: GARFIELD COUNTY (NAD 83)			
Reference Site: BERRY 11-15D PAD	Co-ordinate(NE) Reference: Well: BERRY 11-2D, True North		
Reference Well: BERRY 11-2D	Vertical (TVD) Reference: SITE 8179.0		
Reference Wellpath: 1	Db: Sybase		

Site: BERRY 11-15D PAD
Well: BERRY 11-3D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference		Offset		Semi-Major Axis			Offset Location			Ctr-Ctr	Edge	Separation	Warning
MD	TVD	MD	TVD	Ref	Offset	TFO-HS	North	East		Distance	Distance	Factor	
ft	ft	ft	ft	ft	ft	deg	ft	ft		ft	ft		
9000.00	8901.57	6397.38	6352.00	26.30	18.67	20.25	-674.44	90.03		2568.87	2532.73	71.08	
9100.00	9001.57	6397.38	6352.00	26.47	18.67	20.25	-674.44	90.03		2668.15	2631.81	73.42	