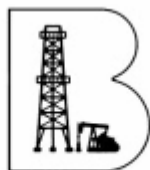




Weatherford®

Drilling Services

Proposal



Berry Petroleum Company

BERRY PETROLEUM CO.

CHEVRON J29 596 #29-23D

GARFIELD COUNTY, COLORADO

WELL FILE: **PLAN 1**

JUNE 27, 2008

Weatherford International, Ltd.
2000 OIL DRIVE
CASPER WYOMING 82604 USA
+1-307-268-7900 Main
www.weatherford.com

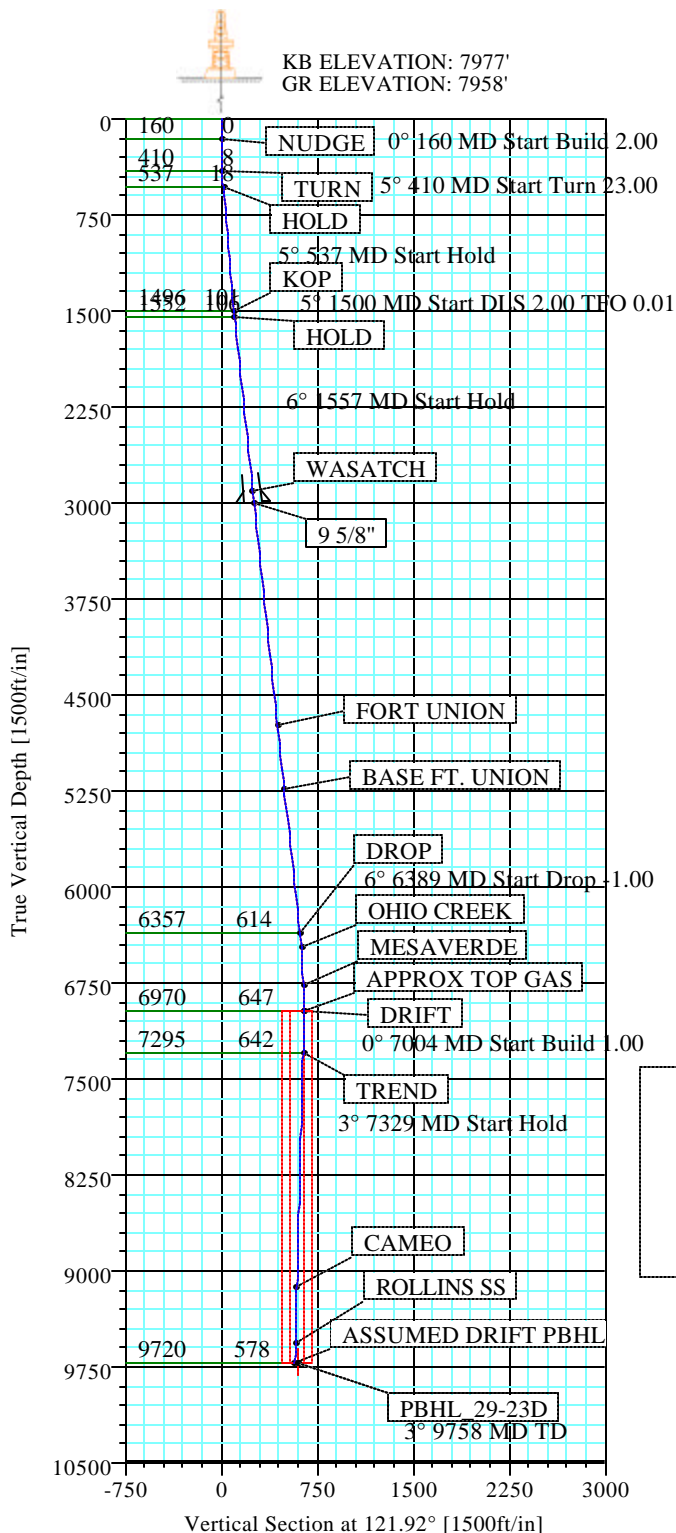


Berry Petroleum Company

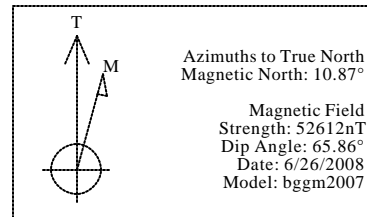
CHEVRON #29-23D
SEC 29 T5S R96W
2344' FSL, 1310' FEL
GARFIELD COUNTY, COLORADO

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	160.00	0.00	0.00	160.00	0.00	0.00	0.00	0.00	0.00	
3	410.00	5.00	82.00	409.68	1.52	10.80	2.00	82.00	8.36	
4	537.35	5.00	111.29	536.55	0.25	21.70	2.00	90.00	18.29	
5	1500.00	5.00	111.29	1495.54	-30.22	99.88	0.00	0.00	100.75	
6	1557.20	6.14	111.29	1552.46	-32.23	105.05	2.00	0.01	106.21	
7	6389.28	6.14	111.29	6356.79	-220.02	586.91	0.00	0.00	614.49	
8	7003.67	0.00	0.00	6970.00	-231.97	617.57	1.00	180.00	646.83	
9	7328.67	3.25	240.00	7294.83	-236.58	609.59	1.00	240.00	642.49	
10	9757.75	3.25	240.00	9720.00	-305.43	490.33	0.00	0.00	577.68	PBHL_29-23D

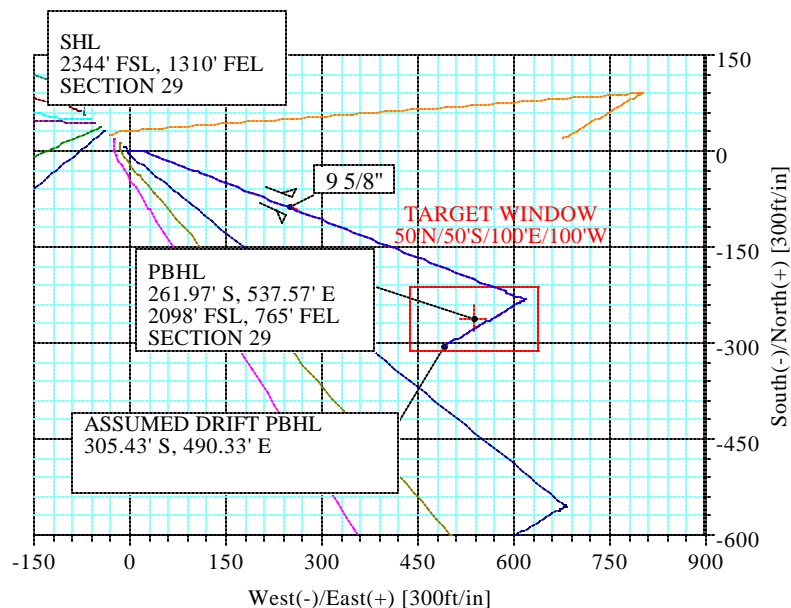
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#29-23D	0.00	0.00	1649022.12	2243034.50	39°35'04.639N	108°11'10.165W	N/A



FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	2900.00	2912.52	WASATCH
2	4740.00	4763.15	FORT UNION
3	5240.00	5266.04	BASE FT. UNION
4	6470.00	6503.03	OHIO CREEK
5	6770.00	6803.63	MESAVERDE
6	6970.00	7003.67	APPROX TOP GAS
7	9120.00	9156.78	CAMEO
8	9570.00	9607.51	ROLLINS SS



TOTAL CORRECTION TRUE NORTH 10.87°



FIELD DETAILS	
GARFIELD COUNTY (NAD 83) COLORADO	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	Colorado, Central Zone
Magnetic Model:	bggm2007
System Datum:	Mean Sea Level
Local North:	True North

SITE DETAILS	
CHEVRON J29 596 SECTION 29 GARFIELD COUNTY, CO	
Site Centre Latitude:	39°35'04.639N
Longitude:	108°11'10.165W
Ground Level:	7958.00
Positional Uncertainty:	0.00
Convergence:	-1.69



Weatherford®

Plan: Plan #1 (#29-23D/1)

Created By: Robert Scott

Date: 6/27/2008

Weatherford Drilling Services

WELL PLAN REPORT

Company: BERRY PETROLEUM COMPANY Field: GARFIELD COUNTY (NAD 83) Site: CHEVRON J29 596 Well: #29-23D Wellpath: 1	Date: 6/27/2008 Time: 13:38:13 Page: 1 Co-ordinate(NE) Reference: Well: #29-23D, True North Vertical (TVD) Reference: SITE 7977.0 Section (VS) Reference: Well (0.00N,0.00E,121.92Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
---	--

Plan: Plan #1 Principal: Yes	Date Composed: 6/26/2008 Version: 1 Tied-to: From Surface
---	--

Field: GARFIELD COUNTY (NAD 83)
COLORADO

Map System: S 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: bggm2007

Site: CHEVRON J29 596
SECTION 29
GARFIELD COUNTY, CO

Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 7958.00 ft	Northing: 1649022.12 ft Easting: 2243034.50 ft	Latitude: 39 35 4.639 N Longitude: 108 11 10.165 W North Reference: True Grid Convergence: -1.69 deg
---	---	---

Well: #29-23D 2344' FSL, 1310' FEL Well Position: +N/-S 0.00 ft Northing: 1649022.12 ft +E/-W 0.00 ft Easting: 2243034.50 ft Position Uncertainty: 0.00 ft	Slot Name: Latitude: 39 35 4.639 N Longitude: 108 11 10.165 W
---	--

Wellpath: 1 Current Datum: SITE Magnetic Data: 6/26/2008 Field Strength: 52612 nT Vertical Section: Depth From (TVD)	Height 7977.00 ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 10.87 deg Mag Dip Angle: 65.86 deg +E/-W Direction ft deg
0.00	0.00	0.00 121.92

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
160.00	0.00	0.00	160.00	0.00	0.00	0.00	0.00	0.00	0.00	
410.00	5.00	82.00	409.68	1.52	10.80	2.00	2.00	0.00	82.00	
537.35	5.00	111.29	536.55	0.25	21.70	2.00	0.00	23.00	90.00	
1500.00	5.00	111.29	1495.54	-30.22	99.88	0.00	0.00	0.00	0.00	
1557.20	6.14	111.29	1552.46	-32.23	105.05	2.00	2.00	0.00	0.01	
6389.28	6.14	111.29	6356.79	-220.02	586.91	0.00	0.00	0.00	0.00	
7003.67	0.00	0.00	6970.00	-231.97	617.57	1.00	-1.00	0.00	180.00	
7328.67	3.25	240.00	7294.83	-236.58	609.59	1.00	1.00	0.00	240.00	
9757.75	3.25	240.00	9720.00	-305.43	490.33	0.00	0.00	0.00	0.00	PBHL_29-23D

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
160.00	0.00	0.00	160.00	0.00	0.00	0.00	0.00	0.00	0.00	NUDGE
260.00	2.00	82.00	259.98	0.24	1.73	1.34	2.00	2.00	0.00	
360.00	4.00	82.00	359.84	0.97	6.91	5.35	2.00	2.00	0.00	
410.00	5.00	82.00	409.68	1.52	10.80	8.36	2.00	2.00	0.00	
460.00	4.92	93.51	459.50	1.69	15.09	11.92	1.99	-0.16	23.02	TURN
537.35	5.00	111.29	536.55	0.25	21.70	18.29	1.98	0.10	22.98	
560.00	5.00	111.29	559.11	-0.47	23.54	20.23	0.00	0.00	0.00	
660.00	5.00	111.29	658.73	-3.63	31.66	28.79	0.00	0.00	0.00	
760.00	5.00	111.29	758.35	-6.80	39.78	37.36	0.00	0.00	0.00	HOLD
860.00	5.00	111.29	857.97	-9.96	47.90	45.93	0.00	0.00	0.00	
960.00	5.00	111.29	957.59	-13.13	56.02	54.49	0.00	0.00	0.00	
1060.00	5.00	111.29	1057.21	-16.29	64.14	63.06	0.00	0.00	0.00	

Weatherford Drilling Services

WELL PLAN REPORT

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Site: CHEVRON J29 596
Well: #29-23D
Wellpath: 1

Date: 6/27/2008 **Time:** 13:38:13 **Page:** 2
Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Section (VS) Reference: Well (0.00N,0.00E,121.92Azi)
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
1160.00	5.00	111.29	1156.83	-19.46	72.26	71.62	0.00	0.00	0.00	
1260.00	5.00	111.29	1256.45	-22.62	80.39	80.19	0.00	0.00	0.00	
1360.00	5.00	111.29	1356.07	-25.79	88.51	88.76	0.00	0.00	0.00	
1460.00	5.00	111.29	1455.69	-28.95	96.63	97.32	0.00	0.00	0.00	
1500.00	5.00	111.29	1495.54	-30.22	99.88	100.75	0.00	0.00	0.00	KOP
1557.20	6.14	111.29	1552.46	-32.23	105.05	106.21	2.00	2.00	0.00	HOLD
1560.00	6.14	111.29	1555.25	-32.34	105.33	106.50	0.00	0.00	0.00	
1660.00	6.14	111.29	1654.67	-36.23	115.30	117.02	0.00	0.00	0.00	
1760.00	6.14	111.29	1754.10	-40.11	125.27	127.54	0.00	0.00	0.00	
1860.00	6.14	111.29	1853.52	-44.00	135.25	138.06	0.00	0.00	0.00	
1960.00	6.14	111.29	1952.95	-47.89	145.22	148.58	0.00	0.00	0.00	
2060.00	6.14	111.29	2052.38	-51.77	155.19	159.09	0.00	0.00	0.00	
2160.00	6.14	111.29	2151.80	-55.66	165.16	169.61	0.00	0.00	0.00	
2260.00	6.14	111.29	2251.23	-59.55	175.13	180.13	0.00	0.00	0.00	
2360.00	6.14	111.29	2350.65	-63.43	185.11	190.65	0.00	0.00	0.00	
2460.00	6.14	111.29	2450.08	-67.32	195.08	201.17	0.00	0.00	0.00	
2560.00	6.14	111.29	2549.50	-71.20	205.05	211.69	0.00	0.00	0.00	
2660.00	6.14	111.29	2648.93	-75.09	215.02	222.21	0.00	0.00	0.00	
2760.00	6.14	111.29	2748.36	-78.98	224.99	232.73	0.00	0.00	0.00	
2860.00	6.14	111.29	2847.78	-82.86	234.97	243.25	0.00	0.00	0.00	
2912.52	6.14	111.29	2900.00	-84.90	240.20	248.77	0.00	0.00	0.00	WASATCH
2960.00	6.14	111.29	2947.21	-86.75	244.94	253.76	0.00	0.00	0.00	
3013.10	6.14	111.29	3000.00	-88.81	250.23	259.35	0.00	0.00	0.00	9 5/8"
3060.00	6.14	111.29	3046.63	-90.64	254.91	264.28	0.00	0.00	0.00	
3160.00	6.14	111.29	3146.06	-94.52	264.88	274.80	0.00	0.00	0.00	
3260.00	6.14	111.29	3245.48	-98.41	274.86	285.32	0.00	0.00	0.00	
3360.00	6.14	111.29	3344.91	-102.29	284.83	295.84	0.00	0.00	0.00	
3460.00	6.14	111.29	3444.33	-106.18	294.80	306.36	0.00	0.00	0.00	
3560.00	6.14	111.29	3543.76	-110.07	304.77	316.88	0.00	0.00	0.00	
3660.00	6.14	111.29	3643.19	-113.95	314.74	327.40	0.00	0.00	0.00	
3760.00	6.14	111.29	3742.61	-117.84	324.72	337.92	0.00	0.00	0.00	
3860.00	6.14	111.29	3842.04	-121.73	334.69	348.43	0.00	0.00	0.00	
3960.00	6.14	111.29	3941.46	-125.61	344.66	358.95	0.00	0.00	0.00	
4060.00	6.14	111.29	4040.89	-129.50	354.63	369.47	0.00	0.00	0.00	
4160.00	6.14	111.29	4140.31	-133.38	364.60	379.99	0.00	0.00	0.00	
4260.00	6.14	111.29	4239.74	-137.27	374.58	390.51	0.00	0.00	0.00	
4360.00	6.14	111.29	4339.17	-141.16	384.55	401.03	0.00	0.00	0.00	
4460.00	6.14	111.29	4438.59	-145.04	394.52	411.55	0.00	0.00	0.00	
4560.00	6.14	111.29	4538.02	-148.93	404.49	422.07	0.00	0.00	0.00	
4660.00	6.14	111.29	4637.44	-152.81	414.46	432.59	0.00	0.00	0.00	
4760.00	6.14	111.29	4736.87	-156.70	424.44	443.10	0.00	0.00	0.00	
4763.15	6.14	111.29	4740.00	-156.82	424.75	443.44	0.00	0.00	0.00	FORT UNION
4860.00	6.14	111.29	4836.29	-160.59	434.41	453.62	0.00	0.00	0.00	
4960.00	6.14	111.29	4935.72	-164.47	444.38	464.14	0.00	0.00	0.00	
5060.00	6.14	111.29	5035.14	-168.36	454.35	474.66	0.00	0.00	0.00	
5160.00	6.14	111.29	5134.57	-172.25	464.33	485.18	0.00	0.00	0.00	
5260.00	6.14	111.29	5234.00	-176.13	474.30	495.70	0.00	0.00	0.00	
5266.04	6.14	111.29	5240.00	-176.37	474.90	496.33	0.00	0.00	0.00	BASE FT. UNION
5360.00	6.14	111.29	5333.42	-180.02	484.27	506.22	0.00	0.00	0.00	
5460.00	6.14	111.29	5432.85	-183.90	494.24	516.74	0.00	0.00	0.00	
5560.00	6.14	111.29	5532.27	-187.79	504.21	527.26	0.00	0.00	0.00	
5660.00	6.14	111.29	5631.70	-191.68	514.19	537.77	0.00	0.00	0.00	
5760.00	6.14	111.29	5731.12	-195.56	524.16	548.29	0.00	0.00	0.00	

Weatherford Drilling Services

WELL PLAN REPORT

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Site: CHEVRON J29 596
Well: #29-23D
Wellpath: 1

Date: 6/27/2008 **Time:** 13:38:13 **Page:** 3
Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Section (VS) Reference: Well (0.00N,0.00E,121.92Azi)
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
5860.00	6.14	111.29	5830.55	-199.45	534.13	558.81	0.00	0.00	0.00	
5960.00	6.14	111.29	5929.98	-203.34	544.10	569.33	0.00	0.00	0.00	
6060.00	6.14	111.29	6029.40	-207.22	554.07	579.85	0.00	0.00	0.00	
6160.00	6.14	111.29	6128.83	-211.11	564.05	590.37	0.00	0.00	0.00	
6260.00	6.14	111.29	6228.25	-214.99	574.02	600.89	0.00	0.00	0.00	
6360.00	6.14	111.29	6327.68	-218.88	583.99	611.41	0.00	0.00	0.00	
6389.28	6.14	111.29	6356.79	-220.02	586.91	614.49	0.00	0.00	0.00	DROP
6460.00	5.44	111.29	6427.15	-222.61	593.56	621.50	1.00	-1.00	0.00	
6503.03	5.01	111.29	6470.00	-224.03	597.21	625.35	1.00	-1.00	0.00	OHIO CREEK
6560.00	4.44	111.29	6526.78	-225.73	601.58	629.96	1.00	-1.00	0.00	
6660.00	3.44	111.29	6626.54	-228.23	607.97	636.70	1.00	-1.00	0.00	
6760.00	2.44	111.29	6726.41	-230.09	612.75	641.74	1.00	-1.00	0.00	
6803.63	2.00	111.29	6770.00	-230.70	614.32	643.40	1.00	-1.00	0.00	MESAVERDE
6860.00	1.44	111.29	6826.35	-231.31	615.90	645.06	1.00	-1.00	0.00	
6960.00	0.44	111.29	6926.33	-231.91	617.42	646.67	1.00	-1.00	0.00	
7003.67	0.00	0.00	6970.00	-231.97	617.57	646.83	1.00	-1.00	0.00	APPROX TOP GAS
7060.00	0.56	240.00	7026.33	-232.11	617.33	646.70	1.00	1.00	0.00	
7160.00	1.56	240.00	7126.31	-233.03	615.73	645.83	1.00	1.00	0.00	
7260.00	2.56	240.00	7226.25	-234.83	612.61	644.13	1.00	1.00	0.00	
7328.67	3.25	240.00	7294.83	-236.58	609.59	642.49	1.00	1.00	0.00	TREND
7360.00	3.25	240.00	7326.11	-237.46	608.05	641.66	0.00	0.00	0.00	
7460.00	3.25	240.00	7425.95	-240.30	603.14	638.99	0.00	0.00	0.00	
7560.00	3.25	240.00	7525.79	-243.13	598.24	636.32	0.00	0.00	0.00	
7660.00	3.25	240.00	7625.63	-245.97	593.33	633.65	0.00	0.00	0.00	
7760.00	3.25	240.00	7725.46	-248.80	588.42	630.98	0.00	0.00	0.00	
7860.00	3.25	240.00	7825.30	-251.64	583.51	628.32	0.00	0.00	0.00	
7960.00	3.25	240.00	7925.14	-254.47	578.60	625.65	0.00	0.00	0.00	
8060.00	3.25	240.00	8024.98	-257.31	573.69	622.98	0.00	0.00	0.00	
8160.00	3.25	240.00	8124.82	-260.14	568.78	620.31	0.00	0.00	0.00	
8260.00	3.25	240.00	8224.66	-262.98	563.87	617.64	0.00	0.00	0.00	
8360.00	3.25	240.00	8324.50	-265.81	558.96	614.97	0.00	0.00	0.00	
8460.00	3.25	240.00	8424.34	-268.64	554.05	612.31	0.00	0.00	0.00	
8560.00	3.25	240.00	8524.18	-271.48	549.14	609.64	0.00	0.00	0.00	
8660.00	3.25	240.00	8624.02	-274.31	544.23	606.97	0.00	0.00	0.00	
8760.00	3.25	240.00	8723.86	-277.15	539.32	604.30	0.00	0.00	0.00	
8860.00	3.25	240.00	8823.70	-279.98	534.41	601.63	0.00	0.00	0.00	
8960.00	3.25	240.00	8923.53	-282.82	529.50	598.97	0.00	0.00	0.00	
9060.00	3.25	240.00	9023.37	-285.65	524.59	596.30	0.00	0.00	0.00	
9156.78	3.25	240.00	9120.00	-288.40	519.84	593.71	0.00	0.00	0.00	CAMEO
9160.00	3.25	240.00	9123.21	-288.49	519.68	593.63	0.00	0.00	0.00	
9260.00	3.25	240.00	9223.05	-291.32	514.77	590.96	0.00	0.00	0.00	
9360.00	3.25	240.00	9322.89	-294.16	509.86	588.29	0.00	0.00	0.00	
9460.00	3.25	240.00	9422.73	-296.99	504.95	585.62	0.00	0.00	0.00	
9560.00	3.25	240.00	9522.57	-299.83	500.04	582.96	0.00	0.00	0.00	
9607.51	3.25	240.00	9570.00	-301.17	497.71	581.69	0.00	0.00	0.00	ROLLINS SS
9660.00	3.25	240.00	9622.41	-302.66	495.13	580.29	0.00	0.00	0.00	
9757.75	3.25	240.00	9720.00	-305.43	490.33	577.68	0.00	0.00	0.00	PBHL_29-23D

Company: BERRY PETROLEUM COMPANY Field: GARFIELD COUNTY (NAD 83) Site: CHEVRON J29 596 Well: #29-23D Wellpath: 1	Date: 6/27/2008 Time: 13:38:13 Page: 4 Co-ordinate(NE) Reference: Well: #29-23D, True North Vertical (TVD) Reference: SITE 7977.0 Section (VS) Reference: Well (0.00N,0.00E,121.92Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
---	--

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ---->			<--- Longitude --->		
PBHL_29-23D		9720.00	-261.97	537.57	1648744.372243564.10		39	35	2.050 N	108	11	3.299 W
-Rectangle (100x200)												
-Plan out by 64.19 at		9720.00	-305.43	490.33	1648702.322243515.59		39	35	1.620 N	108	11	3.902 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3013.10	3000.00	9.625	12.250	9 5/8"

Annotation

MD ft	TVD ft	
160.00	160.00	NUDGE
410.00	409.68	TURN
537.35	536.55	HOLD
1500.00	1495.54	KOP
1557.20	1552.46	HOLD
6389.28	6356.79	DROP
7003.67	6970.00	DRIFT
7328.67	7294.83	TREND
9757.75	9720.00	ASSUMED DRIFT PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2912.52	2900.00	WASATCH		0.00	0.00
4763.15	4740.00	FORT UNION		0.00	0.00
5266.04	5240.00	BASE FT. UNION		0.00	0.00
6503.03	6470.00	OHIO CREEK		0.00	0.00
6803.63	6770.00	MESAVERDE		0.00	0.00
7003.67	6970.00	APPROX TOP GAS		0.00	0.00
9156.78	9120.00	CAMEO		0.00	0.00
9607.51	9570.00	ROLLINS SS		0.00	0.00

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-23D
Reference Wellpath:

Date: 6/27/2008
Time: 13:39:33
Page: 1

Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

NO GLOBAL SCAN: Using user defined selection & scan criteria
Interpolation Method: MD
Interval: 100.00 ft
Depth Range: 0.00 to 200000.00 ft
Maximum Radius: 20000.00 ft

Reference: Plan: Plan #1
Error Model: ISCWSA Ellipse
Scan Method: Closest Approach 3D
Error Surface: Ellipse

Plan: Plan #1
Date Composed: 6/26/2008
Version: 1
Tied-to: From Surface

Principal: Yes

Summary

Site	Offset Wellpath Well	Wellpath	Reference MD ft	Offset MD ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
CHEVRON J29 596	#29-1D	1 V0 Plan: Plan #1 V1	1300.00	1275.64	248.27	242.70	44.58	
CHEVRON J29 596	#29-2D	1 V0 Plan: Plan #1 V1	1100.00	1070.90	216.44	211.87	47.32	

Site: CHEVRON J29 596
Well: #29-1D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	Reference TVD ft	Offset MD ft	Offset TVD ft	Semi-Major Axis Ref ft	Semi-Major Axis Offset ft	Semi-Major Axis TFO-HS deg	Offset Location North ft	Offset Location East ft	Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	307.55	48.90	-63.60	80.22			No Data
100.00	100.00	100.00	100.00	0.09	0.09	307.55	48.90	-63.60	80.22	80.04	440.64	
200.00	200.00	199.12	199.12	0.31	0.31	225.31	48.90	-63.87	80.64	80.01	129.82	
300.00	299.94	296.64	296.59	0.53	0.52	222.69	48.90	-66.86	85.38	84.33	81.36	
400.00	399.72	393.20	392.95	0.77	0.75	218.08	48.90	-73.08	95.90	94.40	63.83	
500.00	499.34	491.20	490.58	1.01	1.01	192.90	48.90	-81.58	111.29	109.35	57.24	
600.00	598.96	589.73	588.73	1.26	1.27	182.14	48.90	-90.16	127.85	125.47	53.67	
700.00	698.58	688.26	686.89	1.52	1.54	180.64	48.90	-98.75	144.55	141.72	50.93	
800.00	798.20	785.97	784.22	1.79	1.79	179.80	49.86	-107.15	161.57	158.28	49.20	
900.00	897.82	884.46	882.34	2.06	2.06	179.46	51.93	-115.48	178.87	175.13	47.84	
1000.00	997.44	982.94	980.45	2.34	2.33	179.19	54.00	-123.81	196.18	191.98	46.74	
1100.00	1097.06	1081.43	1078.56	2.61	2.60	178.95	56.07	-132.14	213.49	208.83	45.85	
1200.00	1196.68	1179.92	1176.67	2.88	2.87	178.76	58.15	-140.47	230.80	225.68	45.12	
1300.00	1296.30	1275.64	1272.02	3.16	3.14	178.59	60.19	-148.70	248.27	242.70	44.58	
1400.00	1395.92	1363.68	1359.45	3.44	3.41	178.40	62.70	-158.73	268.57	262.56	44.71	
1500.00	1495.54	1450.22	1444.93	3.71	3.71	178.17	65.95	-171.75	292.56	286.12	45.41	
1600.00	1595.02	1534.66	1527.80	4.01	4.04	177.92	69.89	-187.47	321.51	314.64	46.75	
1700.00	1694.44	1616.98	1607.95	4.30	4.39	177.69	74.44	-205.62	354.46	347.15	48.48	
1800.00	1793.87	1697.16	1685.34	4.60	4.78	177.46	79.55	-225.99	390.73	382.99	50.46	
1900.00	1893.29	1775.12	1759.82	4.90	5.22	177.23	85.15	-248.28	430.20	422.02	52.63	
2000.00	1992.72	1850.76	1831.31	5.20	5.68	177.03	91.17	-272.26	472.71	464.11	54.95	
2100.00	2092.15	1930.51	1905.85	5.50	6.20	176.82	98.07	-299.75	517.92	508.86	57.17	
2200.00	2191.57	2019.42	1988.78	5.80	6.81	176.62	105.88	-330.84	563.66	554.10	58.92	
2300.00	2291.00	2108.33	2071.71	6.10	7.43	176.44	113.69	-361.93	609.41	599.33	60.47	
2400.00	2390.42	2197.24	2154.64	6.40	8.07	176.30	121.50	-393.02	655.15	644.56	61.85	
2500.00	2489.85	2286.15	2237.57	6.70	8.71	176.17	129.31	-424.11	700.90	689.79	63.08	
2600.00	2589.27	2375.06	2320.50	7.00	9.36	176.06	137.12	-455.20	746.66	735.02	64.19	
2700.00	2688.70	2463.97	2403.43	7.30	10.01	175.96	144.92	-486.29	792.41	780.26	65.19	
2800.00	2788.13	2552.88	2486.36	7.60	10.66	175.87	152.73	-517.38	838.17	825.49	66.11	
2900.00	2887.55	2641.79	2569.29	7.90	11.32	175.79	160.54	-548.47	883.93	870.72	66.94	
3000.00	2986.98	2730.70	2652.22	8.20	11.98	175.72	168.35	-579.56	929.69	915.95	67.70	
3100.00	3086.40	2819.61	2735.15	8.51	12.65	175.66	176.16	-610.65	975.45	961.18	68.40	
3200.00	3185.83	2908.52	2818.09	8.81	13.31	175.60	183.97	-641.73	1021.21	1006.42	69.04	
3300.00	3285.25	2997.43	2901.02	9.11	13.98	175.54	191.78	-672.82	1066.97	1051.65	69.64	
3400.00	3384.68	3086.34	2983.95	9.41	14.64	175.49	199.59	-703.91	1112.73	1096.88	70.19	
3500.00	3484.10	3175.25	3066.88	9.71	15.31	175.45	207.39	-735.00	1158.49	1142.11	70.70	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-23D
Reference Wellpath:

Date: 6/27/2008
Time: 13:39:33
Page: 2

Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-1D
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		
3600.00	3583.53	3264.16	3149.81	10.01	15.98	175.41	215.20	-766.09	1204.26	1187.34	71.18	
3700.00	3682.96	3353.07	3232.74	10.32	16.66	175.37	223.01	-797.18	1250.02	1232.57	71.62	
3800.00	3782.38	3441.99	3315.67	10.62	17.33	175.33	230.82	-828.27	1295.79	1277.80	72.04	
3900.00	3881.81	3530.90	3398.60	10.92	18.00	175.30	238.63	-859.36	1341.55	1323.03	72.43	
4000.00	3981.23	3619.81	3481.53	11.22	18.67	175.26	246.44	-890.45	1387.32	1368.26	72.80	
4100.00	4080.66	3708.72	3564.46	11.52	19.35	175.24	254.25	-921.54	1433.08	1413.49	73.14	
4200.00	4180.08	3797.63	3647.40	11.82	20.02	175.21	262.06	-952.63	1478.85	1458.72	73.47	
4300.00	4279.51	3886.54	3730.33	12.13	20.70	175.18	269.86	-983.72	1524.62	1503.95	73.78	
4400.00	4378.94	3975.45	3813.26	12.43	21.37	175.16	277.67	-1014.81	1570.38	1549.18	74.07	
4500.00	4478.36	4064.36	3896.19	12.73	22.05	175.13	285.48	-1045.90	1616.15	1594.41	74.34	
4600.00	4577.79	4153.27	3979.12	13.03	22.72	175.11	293.29	-1076.99	1661.92	1639.64	74.60	
4700.00	4677.21	4242.18	4062.05	13.34	23.40	175.09	301.10	-1108.08	1707.68	1684.87	74.85	
4800.00	4776.64	4331.09	4144.98	13.64	24.08	175.07	308.91	-1139.17	1753.45	1730.10	75.09	
4900.00	4876.06	4420.00	4227.91	13.94	24.76	175.05	316.72	-1170.26	1799.22	1775.33	75.31	
5000.00	4975.49	4508.91	4310.84	14.24	25.43	175.04	324.53	-1201.35	1844.98	1820.56	75.52	
5100.00	5074.91	4597.82	4393.77	14.54	26.11	175.02	332.33	-1232.44	1890.75	1865.78	75.73	
5200.00	5174.34	4686.73	4476.70	14.85	26.79	175.00	340.14	-1263.53	1936.52	1911.01	75.92	
5300.00	5273.77	4775.64	4559.64	15.15	27.47	174.99	347.95	-1294.62	1982.29	1956.24	76.11	
5400.00	5373.19	4864.55	4642.57	15.45	28.14	174.97	355.76	-1325.71	2028.06	2001.47	76.29	
5500.00	5472.62	4953.46	4725.50	15.75	28.82	174.96	363.57	-1356.80	2073.82	2046.70	76.46	
5600.00	5572.04	5042.38	4808.43	16.05	29.50	174.95	371.38	-1387.89	2119.59	2091.93	76.62	
5700.00	5671.47	5131.29	4891.36	16.36	30.18	174.93	379.19	-1418.98	2165.36	2137.16	76.78	
5800.00	5770.89	5220.20	4974.29	16.66	30.86	174.92	387.00	-1450.07	2211.13	2182.39	76.93	
5900.00	5870.32	5309.11	5057.22	16.96	31.54	174.91	394.80	-1481.15	2256.90	2227.61	77.07	
6000.00	5969.75	5398.02	5140.15	17.26	32.22	174.90	402.61	-1512.24	2302.67	2272.84	77.21	
6100.00	6069.17	5486.93	5223.08	17.57	32.89	174.89	410.42	-1543.33	2348.43	2318.07	77.35	
6200.00	6168.60	5575.84	5306.01	17.87	33.57	174.88	418.23	-1574.42	2394.20	2363.30	77.48	
6300.00	6268.02	5664.75	5388.95	18.17	34.25	174.87	426.04	-1605.51	2439.97	2408.53	77.60	
6400.00	6367.45	5753.66	5471.88	18.47	34.93	174.86	433.85	-1636.60	2485.73	2453.75	77.73	
6500.00	6466.98	5843.05	5555.26	18.68	35.62	174.89	441.70	-1667.86	2530.56	2498.09	77.95	
6600.00	6566.67	5933.20	5639.34	18.88	36.30	174.92	449.62	-1699.38	2573.82	2540.88	78.13	
6700.00	6666.47	6024.09	5724.12	19.07	37.00	174.94	457.60	-1731.17	2615.52	2582.10	78.26	
6800.00	6766.38	6115.69	5809.56	19.24	37.70	174.96	465.64	-1763.20	2655.62	2621.73	78.36	
6900.00	6866.34	7192.82	6862.35	19.40	41.28	174.87	513.29	-1952.92	2675.41	2636.67	69.05	
7000.00	6966.33	7268.37	6937.89	19.55	41.35	174.87	512.96	-1953.49	2676.95	2641.06	74.58	
7100.00	7066.33	7343.90	7013.40	19.69	41.42	46.14	512.13	-1954.92	2677.91	2641.68	73.90	
7200.00	7166.29	7419.43	7088.88	19.81	41.49	46.12	510.80	-1957.22	2678.58	2642.01	73.25	
7300.00	7266.20	7494.95	7164.32	19.92	41.58	46.11	508.98	-1960.38	2678.94	2642.04	72.60	
7400.00	7366.04	7591.54	7260.75	20.03	41.72	46.11	506.25	-1965.11	2678.98	2641.73	71.91	
7500.00	7465.88	7691.54	7360.59	20.15	41.86	46.11	503.41	-1970.02	2678.98	2641.37	71.22	
7600.00	7565.72	7791.54	7460.43	20.27	42.01	46.11	500.58	-1974.93	2678.98	2641.01	70.54	
7700.00	7665.56	7891.54	7560.27	20.39	42.15	46.11	497.74	-1979.84	2678.98	2640.64	69.87	
7800.00	7765.40	7991.54	7660.11	20.51	42.30	46.11	494.91	-1984.75	2678.98	2640.27	69.20	
7900.00	7865.24	8091.54	7759.94	20.63	42.45	46.11	492.07	-1989.66	2678.98	2639.90	68.54	
8000.00	7965.08	8191.54	7859.78	20.76	42.60	46.11	489.24	-1994.57	2678.98	2639.52	67.89	
8100.00	8064.92	8291.54	7959.62	20.88	42.75	46.11	486.40	-1999.48	2678.98	2639.15	67.25	
8200.00	8164.76	8391.54	8059.46	21.01	42.90	46.11	483.57	-2004.39	2678.98	2638.77	66.61	
8300.00	8264.60	8491.54	8159.30	21.15	43.05	46.11	480.73	-2009.30	2678.98	2638.39	65.99	
8400.00	8364.44	8591.54	8259.14	21.28	43.20	46.11	477.90	-2014.21	2678.98	2638.00	65.37	
8500.00	8464.27	8691.54	8358.98	21.42	43.36	46.11	475.07	-2019.12	2678.98	2637.62	64.76	
8600.00	8564.11	8791.54	8458.82	21.55	43.51	46.11	472.23	-2024.03	2678.98	2637.23	64.16	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-23D
Reference Wellpath:

Date: 6/27/2008
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Page: 3

Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-1D
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	8663.95	8891.54	8558.66	21.69	43.67	46.11	469.40	-2028.94	2678.98	2636.84	63.57	
8800.00	8763.79	8991.54	8658.50	21.83	43.82	46.11	466.56	-2033.85	2678.98	2636.45	62.98	
8900.00	8863.63	9091.54	8758.34	21.98	43.98	46.11	463.73	-2038.76	2678.98	2636.06	62.40	
9000.00	8963.47	9191.54	8858.18	22.12	44.14	46.11	460.89	-2043.67	2678.98	2635.66	61.84	
9100.00	9063.31	9291.54	8958.01	22.27	44.30	46.11	458.06	-2048.58	2678.98	2635.26	61.27	
9200.00	9163.15	9391.54	9057.85	22.41	44.46	46.11	455.22	-2053.49	2678.98	2634.86	60.72	
9300.00	9262.99	9491.54	9157.69	22.56	44.62	46.11	452.39	-2058.40	2678.98	2634.46	60.17	
9400.00	9362.83	9591.54	9257.53	22.71	44.78	46.11	449.55	-2063.31	2678.98	2634.06	59.63	
9500.00	9462.67	9691.54	9357.37	22.87	44.94	46.11	446.72	-2068.22	2678.98	2633.66	59.10	
9600.00	9562.51	9791.54	9457.21	23.02	45.10	46.11	443.88	-2073.13	2678.98	2633.25	58.58	
9700.00	9662.34	9891.54	9557.05	23.18	45.27	46.11	441.05	-2078.03	2678.98	2632.84	58.06	

Site: CHEVRON J29 596
Well: #29-2D
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	307.67	55.13	-71.42	90.22			No Data
100.00	100.00	100.00	100.00	0.09	0.09	307.67	55.13	-71.42	90.22	90.04	495.56	
200.00	200.00	199.24	199.24	0.31	0.31	225.68	55.40	-71.42	90.58	89.96	144.65	
300.00	299.94	297.22	297.17	0.53	0.54	225.85	58.42	-71.42	94.66	93.60	88.81	
400.00	399.72	394.78	394.52	0.77	0.77	226.18	64.75	-71.42	103.25	101.72	67.65	
500.00	499.34	493.67	493.03	1.01	1.02	206.21	73.32	-71.42	115.52	113.52	58.00	
600.00	598.96	590.35	589.35	1.26	1.26	198.88	81.55	-72.52	129.97	127.54	53.48	
700.00	698.58	687.46	686.11	1.52	1.49	198.94	88.76	-76.63	146.18	143.32	51.07	
800.00	798.20	786.18	784.46	1.79	1.71	197.82	93.94	-83.28	162.94	159.65	49.57	
900.00	897.82	884.96	882.87	2.06	1.94	196.11	97.01	-91.32	179.54	175.83	48.35	
1000.00	997.44	980.89	978.41	2.34	2.18	194.67	99.94	-99.37	196.47	192.32	47.37	
1100.00	1097.06	1070.90	1067.76	2.61	2.43	193.34	103.66	-109.51	216.44	211.87	47.32	
1200.00	1196.68	1159.30	1155.04	2.88	2.71	192.05	108.51	-122.67	240.23	235.23	48.04	
1300.00	1296.30	1245.89	1239.93	3.16	3.03	190.84	114.40	-138.61	267.75	262.32	49.33	
1400.00	1395.92	1330.47	1322.19	3.44	3.39	189.75	121.23	-157.06	298.88	293.03	51.04	
1500.00	1495.54	1412.90	1401.60	3.71	3.78	188.78	128.91	-177.77	333.51	327.23	53.08	
1600.00	1595.02	1492.55	1477.53	4.01	4.21	187.97	137.27	-200.30	372.78	366.07	55.54	
1700.00	1694.44	1574.25	1554.58	4.30	4.70	187.16	146.74	-225.80	415.57	408.40	58.00	
1800.00	1793.87	1664.15	1639.14	4.60	5.28	186.41	157.36	-254.39	459.07	451.41	59.92	
1900.00	1893.29	1754.05	1723.71	4.90	5.87	185.79	167.98	-282.98	502.62	494.46	61.57	
2000.00	1992.72	1843.94	1808.27	5.20	6.47	185.27	178.61	-311.58	546.21	537.54	63.00	
2100.00	2092.15	1933.84	1892.83	5.50	7.08	184.83	189.23	-340.17	589.84	580.66	64.26	
2200.00	2191.57	2023.73	1977.39	5.80	7.69	184.45	199.85	-368.76	633.49	623.80	65.36	
2300.00	2291.00	2113.63	2061.96	6.10	8.31	184.12	210.47	-397.36	677.16	666.95	66.34	
2400.00	2390.42	2203.53	2146.52	6.40	8.93	183.82	221.10	-425.95	720.84	710.12	67.22	
2500.00	2489.85	2293.42	2231.08	6.70	9.56	183.56	231.72	-454.54	764.54	753.30	68.00	
2600.00	2589.27	2383.32	2315.65	7.00	10.18	183.33	242.34	-483.14	808.25	796.49	68.71	
2700.00	2688.70	2473.21	2400.21	7.30	10.81	183.12	252.96	-511.73	851.97	839.69	69.35	
2800.00	2788.13	2563.11	2484.77	7.60	11.44	182.94	263.58	-540.33	895.70	882.89	69.94	
2900.00	2887.55	2653.01	2569.33	7.90	12.08	182.77	274.21	-568.92	939.43	926.10	70.47	
3000.00	2986.98	2742.90	2653.90	8.20	12.71	182.61	284.83	-597.51	983.17	969.32	70.96	
3100.00	3086.40	2832.80	2738.46	8.51	13.35	182.47	295.45	-626.11	1026.92	1012.54	71.41	
3200.00	3185.83	2922.69	2823.02	8.81	13.98	182.34	306.07	-654.70	1070.67	1055.76	71.83	
3300.00	3285.25	3012.59	2907.59	9.11	14.62	182.22	316.69	-683.29	1114.43	1098.99	72.21	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-23D
Reference Wellpath:

Date: 6/27/2008
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Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-2D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD	Reference TVD	Offset MD	Offset TVD	Semi-Major Axis Ref	Semi-Major Axis Offset	Semi-Major Axis TFO-HS	Offset Location North	Offset Location East	Ctr-Ctr Edge Distance	Edge Distance	Separation Factor	Warning
ft	ft	ft	ft	ft	ft	deg	ft	ft	ft	ft		
3400.00	3384.68	3102.49	2992.15	9.41	15.25	182.11	327.32	-711.89	1158.18	1142.22	72.57	
3500.00	3484.10	3192.38	3076.71	9.71	15.89	182.01	337.94	-740.48	1201.95	1185.46	72.90	
3600.00	3583.53	3282.28	3161.27	10.01	16.53	181.91	348.56	-769.07	1245.71	1228.70	73.22	
3700.00	3682.96	3372.17	3245.84	10.32	17.17	181.82	359.18	-797.67	1289.48	1271.93	73.51	
3800.00	3782.38	3462.07	3330.40	10.62	17.81	181.74	369.80	-826.26	1333.25	1315.18	73.78	
3900.00	3881.81	3551.97	3414.96	10.92	18.45	181.66	380.43	-854.85	1377.02	1358.42	74.03	
4000.00	3981.23	3641.86	3499.52	11.22	19.09	181.59	391.05	-883.45	1420.79	1401.66	74.27	
4100.00	4080.66	3731.76	3584.09	11.52	19.73	181.52	401.67	-912.04	1464.57	1444.91	74.50	
4200.00	4180.08	3821.65	3668.65	11.82	20.37	181.46	412.29	-940.64	1508.35	1488.16	74.71	
4300.00	4279.51	3911.55	3753.21	12.13	21.01	181.40	422.91	-969.23	1552.12	1531.41	74.92	
4400.00	4378.94	4001.45	3837.78	12.43	21.65	181.34	433.54	-997.82	1595.90	1574.66	75.11	
4500.00	4478.36	4091.34	3922.34	12.73	22.29	181.28	444.16	-1026.42	1639.68	1617.91	75.29	
4600.00	4577.79	4181.24	4006.90	13.03	22.93	181.23	454.78	-1055.01	1683.47	1661.16	75.46	
4700.00	4677.21	4271.13	4091.46	13.34	23.57	181.18	465.40	-1083.60	1727.25	1704.41	75.63	
4800.00	4776.64	4361.03	4176.03	13.64	24.21	181.14	476.02	-1112.20	1771.03	1747.66	75.78	
4900.00	4876.06	4450.93	4260.59	13.94	24.86	181.09	486.65	-1140.79	1814.82	1790.92	75.93	
5000.00	4975.49	4540.82	4345.15	14.24	25.50	181.05	497.27	-1169.38	1858.61	1834.17	76.07	
5100.00	5074.91	4630.72	4429.72	14.54	26.14	181.01	507.89	-1197.98	1902.39	1877.43	76.21	
5200.00	5174.34	4720.61	4514.28	14.85	26.78	180.97	518.51	-1226.57	1946.18	1920.69	76.34	
5300.00	5273.77	4810.51	4598.84	15.15	27.42	180.93	529.13	-1255.17	1989.97	1963.94	76.46	
5400.00	5373.19	4900.41	4683.40	15.45	28.07	180.90	539.76	-1283.76	2033.76	2007.20	76.58	
5500.00	5472.62	4990.30	4767.97	15.75	28.71	180.86	550.38	-1312.35	2077.55	2050.46	76.69	
5600.00	5572.04	5080.20	4852.53	16.05	29.35	180.83	561.00	-1340.95	2121.34	2093.72	76.80	
5700.00	5671.47	5170.09	4937.09	16.36	29.99	180.80	571.62	-1369.54	2165.13	2136.97	76.91	
5800.00	5770.89	5259.99	5021.66	16.66	30.64	180.77	582.25	-1398.13	2208.92	2180.23	77.01	
5900.00	5870.32	5349.89	5106.22	16.96	31.28	180.74	592.87	-1426.73	2252.71	2223.49	77.10	
6000.00	5969.75	5439.78	5190.78	17.26	31.92	180.71	603.49	-1455.32	2296.50	2266.75	77.20	
6100.00	6069.17	5529.68	5275.34	17.57	32.57	180.69	614.11	-1483.91	2340.29	2310.01	77.29	
6200.00	6168.60	5619.57	5359.91	17.87	33.21	180.66	624.73	-1512.51	2384.09	2353.27	77.37	
6300.00	6268.02	5709.47	5444.47	18.17	33.85	180.64	635.36	-1541.10	2427.88	2396.54	77.46	
6400.00	6367.45	5799.37	5529.04	18.47	34.49	180.61	645.98	-1569.70	2471.66	2439.79	77.54	
6500.00	6466.88	5889.72	5614.03	18.68	35.14	180.59	656.65	-1598.44	2514.50	2482.15	77.72	
6600.00	6566.67	5980.81	5699.71	18.88	35.79	180.56	667.42	-1627.41	2555.76	2522.93	77.85	
6700.00	6666.47	6072.61	5786.06	19.07	36.45	180.53	678.26	-1656.61	2595.42	2562.12	77.94	
6800.00	6766.38	6165.08	5873.05	19.24	37.11	180.51	689.19	-1686.02	2633.47	2599.70	77.99	
6900.00	6866.34	7001.05	6687.27	19.40	40.31	180.41	750.50	-1851.06	2662.04	2626.65	75.22	
7000.00	6966.33	7260.95	6947.02	19.55	40.57	180.40	752.56	-1857.48	2663.75	2628.08	74.68	
7100.00	7066.33	7338.57	7024.63	19.69	40.64	51.67	751.85	-1858.73	2664.40	2628.39	73.99	
7200.00	7166.29	7416.18	7102.20	19.81	40.71	51.66	750.61	-1860.88	2664.80	2628.46	73.33	
7300.00	7266.20	7493.78	7179.72	19.92	40.79	51.66	748.84	-1863.94	2664.96	2628.29	72.68	
7400.00	7366.04	7586.52	7272.32	20.03	40.90	51.66	746.24	-1868.44	2664.96	2627.95	72.01	
7500.00	7465.88	7686.52	7372.16	20.15	41.04	51.66	743.40	-1873.35	2664.96	2627.60	71.33	
7600.00	7565.72	7786.52	7471.99	20.27	41.17	51.66	740.57	-1878.26	2664.96	2627.24	70.66	
7700.00	7665.56	7886.52	7571.83	20.39	41.31	51.66	737.73	-1883.17	2664.96	2626.88	69.99	
7800.00	7765.40	7986.52	7671.67	20.51	41.45	51.66	734.90	-1888.08	2664.96	2626.52	69.33	
7900.00	7865.24	8086.52	7771.51	20.63	41.59	51.66	732.06	-1892.99	2664.96	2626.16	68.68	
8000.00	7965.08	8186.52	7871.35	20.76	41.73	51.66	729.23	-1897.90	2664.96	2625.79	68.04	
8100.00	8064.92	8286.52	7971.19	20.88	41.87	51.66	726.40	-1902.81	2664.96	2625.42	67.41	
8200.00	8164.76	8386.52	8071.03	21.01	42.01	51.66	723.56	-1907.72	2664.96	2625.05	66.78	
8300.00	8264.60	8486.52	8170.87	21.15	42.16	51.66	720.73	-1912.63	2664.96	2624.68	66.16	
8400.00	8364.44	8586.52	8270.71	21.28	42.30	51.66	717.89	-1917.54	2664.96	2624.30	65.54	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-23D
Reference Wellpath:

Date: 6/27/2008
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Co-ordinate(NE) Reference: Well: #29-23D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-2D
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		
8500.00	8464.27	8686.52	8370.55	21.42	42.45	51.66	715.06	-1922.45		2664.96	2623.92	64.94	
8600.00	8564.11	8786.52	8470.39	21.55	42.59	51.66	712.22	-1927.36		2664.96	2623.54	64.34	
8700.00	8663.95	8886.52	8570.23	21.69	42.74	51.66	709.39	-1932.27		2664.96	2623.16	63.75	
8800.00	8763.79	8986.52	8670.06	21.83	42.89	51.66	706.55	-1937.18		2664.96	2622.77	63.17	
8900.00	8863.63	9086.52	8769.90	21.98	43.04	51.66	703.72	-1942.09		2664.96	2622.38	62.59	
9000.00	8963.47	9186.52	8869.74	22.12	43.19	51.66	700.88	-1947.00		2664.96	2621.99	62.02	
9100.00	9063.31	9286.52	8969.58	22.27	43.34	51.66	698.05	-1951.91		2664.96	2621.60	61.46	
9200.00	9163.15	9386.52	9069.42	22.41	43.49	51.66	695.21	-1956.82		2664.96	2621.21	60.91	
9300.00	9262.99	9486.52	9169.26	22.56	43.64	51.66	692.38	-1961.73		2664.96	2620.81	60.36	
9400.00	9362.83	9586.52	9269.10	22.71	43.80	51.66	689.54	-1966.64		2664.96	2620.41	59.82	
9500.00	9462.67	9686.52	9368.94	22.87	43.95	51.66	686.71	-1971.55		2664.96	2620.01	59.29	
9600.00	9562.51	9786.52	9468.78	23.02	44.11	51.66	683.88	-1976.46		2664.96	2619.61	58.77	
9700.00	9662.34	9886.52	9568.62	23.18	44.26	51.66	681.04	-1981.37		2664.96	2619.21	58.25	