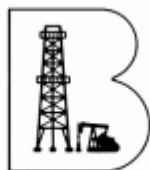




Weatherford®

Drilling Services

Proposal



Berry Petroleum Company

BERRY PETROLEUM CO.

CHEVRON J29 596 #29-21D

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 #29-21D
SEC 29 T5S R96W
2356' FSL, 1326' 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	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	450.00	5.00	175.00	449.68	-10.86	0.95	2.00	175.00	9.69	
4	606.04	5.00	139.11	605.13	-23.18	6.17	2.00	-90.00	22.89	
5	1035.85	5.00	139.11	1033.30	-51.50	30.69	0.00	0.00	59.93	
6	1295.50	10.19	139.11	1290.58	-77.44	53.15	2.00	-0.01	93.85	
7	6348.71	10.19	139.11	6264.04	-753.43	638.56	0.00	0.00	977.97	
8	7028.25	0.00	0.00	6940.00	-799.00	678.03	1.50	180.00	1037.58	
9	7353.25	3.25	240.00	7264.83	-803.61	670.05	1.00	240.00	1037.21	
10	9782.33	3.25	240.00	9690.00	-872.46	550.79	0.00	0.00	1031.77	PBHL_29-21D

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#29-21D	12.47	-15.64	1649035.04	2243019.24	39°35'04.762N	108°11'10.365W	N/A

FORMATION TOP DETAILS

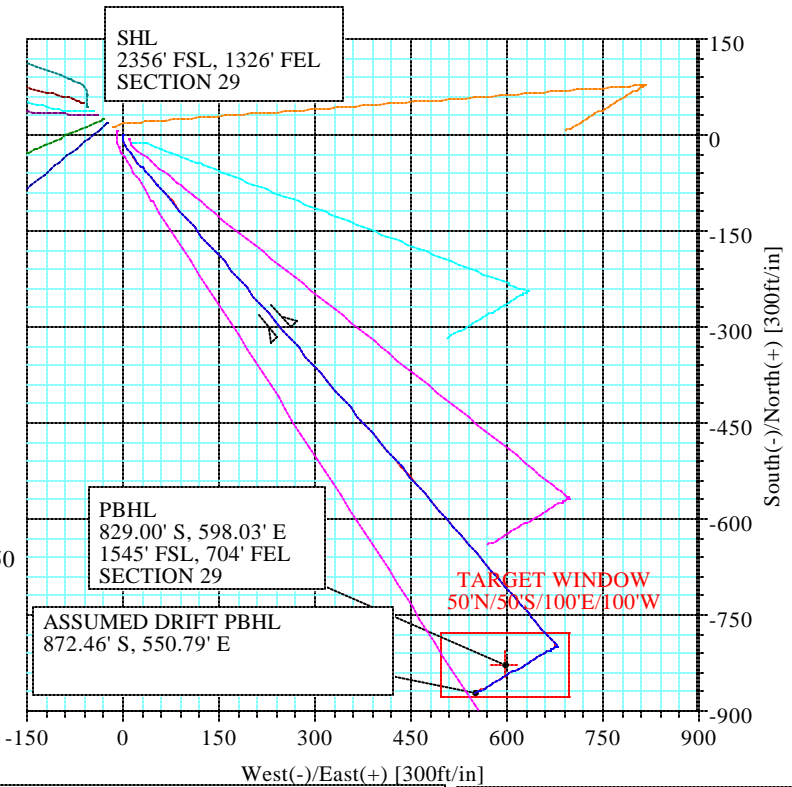
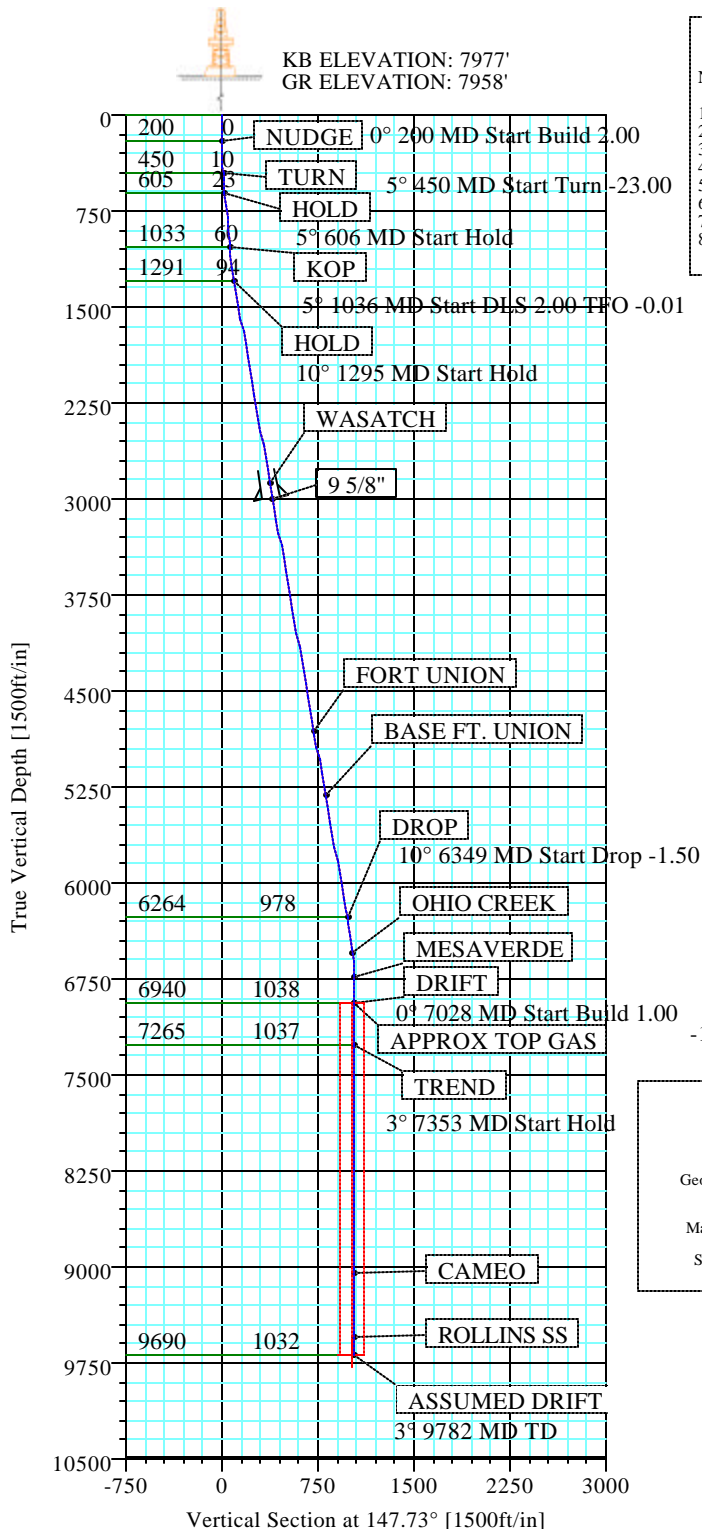
No.	TVDPath	MDPath	Formation
1	2870.00	2900.24	WASATCH
2	4810.00	4871.35	FORT UNION
3	5310.00	5379.37	BASE FT. UNION
4	6540.00	6627.51	OHIO CREEK
5	6740.00	6828.15	MESAVERDE
6	6940.00	7028.25	APPROX TOP GAS
7	9040.00	9131.28	CAMEO
8	9540.00	9632.09	ROLLINS SS



Azimuths to True North
Magnetic North: 10.87°

Magnetic Field
Strength: 52612nT
Dip Angle: 65.86°
Date: 6/27/2008
Model: bggm2007

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 (#29-21D/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: #29-21D Wellpath: 1	Date: 6/27/2008 Time: 14:46:20 Page: 1 Co-ordinate(N/E) Reference: Well: #29-21D, True North Vertical (TVD) Reference: SITE 7977.0 Section (VS) Reference: Well (0.00N,0.00E,147.73Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
---	---

Plan: Plan #1 Principal: Yes	Date Composed: 6/27/2008 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: #29-21D 2356' FSL, 1326' FEL Well Position: +N/-S 12.47 ft Northing: 1649035.04 ft +E/-W -15.64 ft Easting: 2243019.24 ft Position Uncertainty: 0.00 ft	Slot Name: Latitude: 39 35 4.762 N Longitude: 108 11 10.365 W
--	--

Wellpath: 1 Current Datum: SITE Magnetic Data: 6/27/2008 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	0.00 147.73

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	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	5.00	175.00	449.68	-10.86	0.95	2.00	2.00	0.00	175.00	
606.04	5.00	139.11	605.13	-23.18	6.17	2.00	0.00	-23.00	-90.00	
1035.85	5.00	139.11	1033.30	-51.50	30.69	0.00	0.00	0.00	0.00	
1295.50	10.19	139.11	1290.58	-77.44	53.15	2.00	2.00	0.00	-0.01	
6348.71	10.19	139.11	6264.04	-753.43	638.56	0.00	0.00	0.00	0.00	
7028.25	0.00	0.00	6940.00	-799.00	678.03	1.50	-1.50	0.00	180.00	
7353.25	3.25	240.00	7264.83	-803.61	670.05	1.00	1.00	0.00	240.00	
9782.33	3.25	240.00	9690.00	-872.46	550.79	0.00	0.00	0.00	0.00	PBHL_29-21D

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
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	NUDGE
300.00	2.00	175.00	299.98	-1.74	0.15	1.55	2.00	2.00	0.00	
400.00	4.00	175.00	399.84	-6.95	0.61	6.20	2.00	2.00	0.00	
450.00	5.00	175.00	449.68	-10.86	0.95	9.69	2.00	2.00	0.00	TURN
500.00	5.00	163.50	499.49	-15.13	1.76	13.74	2.00	0.00	-23.00	
600.00	4.98	140.47	599.12	-22.66	5.76	22.23	1.99	-0.02	-23.03	HOLD
606.04	5.00	139.11	605.13	-23.18	6.17	22.89	1.99	0.40	-22.43	
700.00	5.00	139.11	698.73	-29.37	11.53	30.99	0.00	0.00	0.00	
800.00	5.00	139.11	798.35	-35.96	17.23	39.61	0.00	0.00	0.00	
900.00	5.00	139.11	897.97	-42.55	22.94	48.22	0.00	0.00	0.00	
1000.00	5.00	139.11	997.59	-49.14	28.64	56.84	0.00	0.00	0.00	KOP
1035.85	5.00	139.11	1033.30	-51.50	30.69	59.93	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: #29-21D
Wellpath: 1

Date: 6/27/2008 **Time:** 14:46:20 **Page:** 2
Co-ordinate(NE) Reference: Well: #29-21D, True North
Vertical (TVD) Reference: SITE 7977.0
Section (VS) Reference: Well (0.00N,0.00E,147.73Azi)
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
1100.00	6.28	139.11	1097.14	-56.27	34.82	66.16	2.00	2.00	0.00	
1200.00	8.28	139.11	1196.33	-65.85	43.11	78.70	2.00	2.00	0.00	
1295.50	10.19	139.11	1290.58	-77.44	53.15	93.85	2.00	2.00	0.00	HOLD
1300.00	10.19	139.11	1295.02	-78.04	53.67	94.64	0.00	0.00	0.00	
1400.00	10.19	139.11	1393.44	-91.42	65.26	112.14	0.00	0.00	0.00	
1500.00	10.19	139.11	1491.86	-104.79	76.84	129.63	0.00	0.00	0.00	
1600.00	10.19	139.11	1590.28	-118.17	88.43	147.13	0.00	0.00	0.00	
1700.00	10.19	139.11	1688.70	-131.55	100.01	164.63	0.00	0.00	0.00	
1800.00	10.19	139.11	1787.12	-144.93	111.60	182.12	0.00	0.00	0.00	
1900.00	10.19	139.11	1885.55	-158.30	123.18	199.62	0.00	0.00	0.00	
2000.00	10.19	139.11	1983.97	-171.68	134.77	217.11	0.00	0.00	0.00	
2100.00	10.19	139.11	2082.39	-185.06	146.35	234.61	0.00	0.00	0.00	
2200.00	10.19	139.11	2180.81	-198.44	157.94	252.11	0.00	0.00	0.00	
2300.00	10.19	139.11	2279.23	-211.81	169.52	269.60	0.00	0.00	0.00	
2400.00	10.19	139.11	2377.65	-225.19	181.11	287.10	0.00	0.00	0.00	
2500.00	10.19	139.11	2476.08	-238.57	192.69	304.60	0.00	0.00	0.00	
2600.00	10.19	139.11	2574.50	-251.95	204.28	322.09	0.00	0.00	0.00	
2700.00	10.19	139.11	2672.92	-265.32	215.86	339.59	0.00	0.00	0.00	
2800.00	10.19	139.11	2771.34	-278.70	227.45	357.08	0.00	0.00	0.00	
2900.00	10.19	139.11	2869.76	-292.08	239.03	374.58	0.00	0.00	0.00	
2900.24	10.19	139.11	2870.00	-292.11	239.06	374.62	0.00	0.00	0.00	WASATCH
3000.00	10.19	139.11	2968.18	-305.46	250.62	392.08	0.00	0.00	0.00	
3032.33	10.19	139.11	3000.00	-309.78	254.36	397.73	0.00	0.00	0.00	9 5/8"
3100.00	10.19	139.11	3066.61	-318.83	262.20	409.57	0.00	0.00	0.00	
3200.00	10.19	139.11	3165.03	-332.21	273.79	427.07	0.00	0.00	0.00	
3300.00	10.19	139.11	3263.45	-345.59	285.37	444.57	0.00	0.00	0.00	
3400.00	10.19	139.11	3361.87	-358.96	296.96	462.06	0.00	0.00	0.00	
3500.00	10.19	139.11	3460.29	-372.34	308.54	479.56	0.00	0.00	0.00	
3600.00	10.19	139.11	3558.72	-385.72	320.13	497.05	0.00	0.00	0.00	
3700.00	10.19	139.11	3657.14	-399.10	331.71	514.55	0.00	0.00	0.00	
3800.00	10.19	139.11	3755.56	-412.47	343.30	532.05	0.00	0.00	0.00	
3900.00	10.19	139.11	3853.98	-425.85	354.88	549.54	0.00	0.00	0.00	
4000.00	10.19	139.11	3952.40	-439.23	366.46	567.04	0.00	0.00	0.00	
4100.00	10.19	139.11	4050.82	-452.61	378.05	584.54	0.00	0.00	0.00	
4200.00	10.19	139.11	4149.25	-465.98	389.63	602.03	0.00	0.00	0.00	
4300.00	10.19	139.11	4247.67	-479.36	401.22	619.53	0.00	0.00	0.00	
4400.00	10.19	139.11	4346.09	-492.74	412.80	637.02	0.00	0.00	0.00	
4500.00	10.19	139.11	4444.51	-506.12	424.39	654.52	0.00	0.00	0.00	
4600.00	10.19	139.11	4542.93	-519.49	435.97	672.02	0.00	0.00	0.00	
4700.00	10.19	139.11	4641.35	-532.87	447.56	689.51	0.00	0.00	0.00	
4800.00	10.19	139.11	4739.78	-546.25	459.14	707.01	0.00	0.00	0.00	
4871.35	10.19	139.11	4810.00	-555.79	467.41	719.49	0.00	0.00	0.00	FORT UNION
4900.00	10.19	139.11	4838.20	-559.63	470.73	724.51	0.00	0.00	0.00	
5000.00	10.19	139.11	4936.62	-573.00	482.31	742.00	0.00	0.00	0.00	
5100.00	10.19	139.11	5035.04	-586.38	493.90	759.50	0.00	0.00	0.00	
5200.00	10.19	139.11	5133.46	-599.76	505.48	776.99	0.00	0.00	0.00	
5300.00	10.19	139.11	5231.88	-613.14	517.07	794.49	0.00	0.00	0.00	
5379.37	10.19	139.11	5310.00	-623.75	526.26	808.38	0.00	0.00	0.00	BASE FT. UNION
5400.00	10.19	139.11	5330.31	-626.51	528.65	811.99	0.00	0.00	0.00	
5500.00	10.19	139.11	5428.73	-639.89	540.24	829.48	0.00	0.00	0.00	
5600.00	10.19	139.11	5527.15	-653.27	551.82	846.98	0.00	0.00	0.00	
5700.00	10.19	139.11	5625.57	-666.64	563.41	864.47	0.00	0.00	0.00	
5800.00	10.19	139.11	5723.99	-680.02	574.99	881.97	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: #29-21D
Wellpath: 1

Date: 6/27/2008 **Time:** 14:46:20 **Page:** 3
Co-ordinate(NE) Reference: Well: #29-21D, True North
Vertical (TVD) Reference: SITE 7977.0
Section (VS) Reference: Well (0.00N,0.00E,147.73Azi)
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
5900.00	10.19	139.11	5822.41	-693.40	586.58	899.47	0.00	0.00	0.00	
6000.00	10.19	139.11	5920.84	-706.78	598.16	916.96	0.00	0.00	0.00	
6100.00	10.19	139.11	6019.26	-720.15	609.75	934.46	0.00	0.00	0.00	
6200.00	10.19	139.11	6117.68	-733.53	621.33	951.96	0.00	0.00	0.00	
6300.00	10.19	139.11	6216.10	-746.91	632.92	969.45	0.00	0.00	0.00	
6348.71	10.19	139.11	6264.04	-753.43	638.56	977.97	0.00	0.00	0.00	DROP
6400.00	9.42	139.11	6314.58	-760.03	644.28	986.61	1.50	-1.50	0.00	
6500.00	7.92	139.11	6413.44	-771.43	654.15	1001.52	1.50	-1.50	0.00	
6600.00	6.42	139.11	6512.65	-780.87	662.33	1013.87	1.50	-1.50	0.00	
6627.51	6.01	139.11	6540.00	-783.12	664.28	1016.81	1.50	-1.50	0.00	OHIO CREEK
6700.00	4.92	139.11	6612.16	-788.34	668.80	1023.64	1.50	-1.50	0.00	
6800.00	3.42	139.11	6711.89	-793.84	673.56	1030.84	1.50	-1.50	0.00	
6828.15	3.00	139.11	6740.00	-795.04	674.60	1032.40	1.50	-1.50	0.00	MESAVERDE
6900.00	1.92	139.11	6811.78	-797.37	676.62	1035.45	1.50	-1.50	0.00	
7000.00	0.42	139.11	6911.75	-798.92	677.96	1037.48	1.50	-1.50	0.00	
7028.25	0.00	0.00	6940.00	-799.00	678.03	1037.58	1.50	-1.50	0.00	APPROX TOP GAS
7100.00	0.72	240.00	7011.75	-799.22	677.64	1037.56	1.00	1.00	0.00	
7200.00	1.72	240.00	7111.73	-800.28	675.80	1037.48	1.00	1.00	0.00	
7300.00	2.72	240.00	7211.65	-802.22	672.45	1037.32	1.00	1.00	0.00	
7353.25	3.25	240.00	7264.83	-803.61	670.05	1037.21	1.00	1.00	0.00	TREND
7400.00	3.25	240.00	7311.50	-804.93	667.75	1037.11	0.00	0.00	0.00	
7500.00	3.25	240.00	7411.34	-807.76	662.84	1036.89	0.00	0.00	0.00	
7600.00	3.25	240.00	7511.18	-810.60	657.93	1036.66	0.00	0.00	0.00	
7700.00	3.25	240.00	7611.02	-813.43	653.02	1036.44	0.00	0.00	0.00	
7800.00	3.25	240.00	7710.86	-816.27	648.11	1036.21	0.00	0.00	0.00	
7900.00	3.25	240.00	7810.70	-819.10	643.20	1035.99	0.00	0.00	0.00	
8000.00	3.25	240.00	7910.54	-821.94	638.29	1035.77	0.00	0.00	0.00	
8100.00	3.25	240.00	8010.38	-824.77	633.38	1035.54	0.00	0.00	0.00	
8200.00	3.25	240.00	8110.22	-827.61	628.47	1035.32	0.00	0.00	0.00	
8300.00	3.25	240.00	8210.06	-830.44	623.56	1035.09	0.00	0.00	0.00	
8400.00	3.25	240.00	8309.90	-833.28	618.65	1034.87	0.00	0.00	0.00	
8500.00	3.25	240.00	8409.74	-836.11	613.74	1034.64	0.00	0.00	0.00	
8600.00	3.25	240.00	8509.57	-838.95	608.83	1034.42	0.00	0.00	0.00	
8700.00	3.25	240.00	8609.41	-841.78	603.93	1034.20	0.00	0.00	0.00	
8800.00	3.25	240.00	8709.25	-844.62	599.02	1033.97	0.00	0.00	0.00	
8900.00	3.25	240.00	8809.09	-847.45	594.11	1033.75	0.00	0.00	0.00	
9000.00	3.25	240.00	8908.93	-850.28	589.20	1033.52	0.00	0.00	0.00	
9100.00	3.25	240.00	9008.77	-853.12	584.29	1033.30	0.00	0.00	0.00	
9131.28	3.25	240.00	9040.00	-854.01	582.75	1033.23	0.00	0.00	0.00	CAMEO
9200.00	3.25	240.00	9108.61	-855.95	579.38	1033.08	0.00	0.00	0.00	
9300.00	3.25	240.00	9208.45	-858.79	574.47	1032.85	0.00	0.00	0.00	
9400.00	3.25	240.00	9308.29	-861.62	569.56	1032.63	0.00	0.00	0.00	
9500.00	3.25	240.00	9408.13	-864.46	564.65	1032.40	0.00	0.00	0.00	
9600.00	3.25	240.00	9507.97	-867.29	559.74	1032.18	0.00	0.00	0.00	
9632.09	3.25	240.00	9540.00	-868.20	558.16	1032.11	0.00	0.00	0.00	ROLLINS SS
9700.00	3.25	240.00	9607.81	-870.13	554.83	1031.96	0.00	0.00	0.00	
9782.33	3.25	240.00	9690.00	-872.46	550.79	1031.77	0.00	0.00	0.00	PBHL_29-21D

Company: BERRY PETROLEUM COMPANY Field: GARFIELD COUNTY (NAD 83) Site: CHEVRON J29 596 Well: #29-21D Wellpath: 1	Date: 6/27/2008 Time: 14:46:20 Page: 4 Co-ordinate(NE) Reference: Well: #29-21D, True North Vertical (TVD) Reference: SITE 7977.0 Section (VS) Reference: Well (0.00N,0.00E,147.73Azi) 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_29-21D		9690.00	-829.00	598.03	1648188.732243592.49		39	34	56.569 N	108	11	2.726 W
-Rectangle (100x200)												
-Plan out by 64.19 at		9690.00	-872.46	550.79	1648146.682243543.99		39	34	56.139 N	108	11	3.330 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3032.33	3000.00	9.625	12.250	9 5/8"

Annotation

MD ft	TVD ft	
200.00	200.00	NUDGE
450.00	449.68	TURN
606.04	605.14	HOLD
1035.85	1033.30	KOP
1295.50	1290.59	HOLD
6348.71	6264.04	DROP
7028.25	6940.00	DRIFT
7353.25	7264.83	TREND
9782.33	9690.00	ASSUMED DRIFT PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2900.24	2870.00	WASATCH		0.00	0.00
4871.35	4810.00	FORT UNION		0.00	0.00
5379.37	5310.00	BASE FT. UNION		0.00	0.00
6627.51	6540.00	OHIO CREEK		0.00	0.00
6828.15	6740.00	MESAVERDE		0.00	0.00
7028.25	6940.00	APPROX TOP GAS		0.00	0.00
9131.28	9040.00	CAMEO		0.00	0.00
9632.09	9540.00	ROLLINS SS		0.00	0.00

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-21D
Reference Wellpath:

Date: 6/27/2008
Time: 14:47:38
Page: 1

Co-ordinate(NE) Reference: Well: #29-21D, 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: 6/27/2008
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	#29-20D	1 V0 Plan: Plan #1 V1	1400.00	1401.62	22.82	15.53	3.13	
CHEVRON J29 596	#29-22D	1 V0 Plan: Plan #1 V1	1300.00	1298.27	22.62	16.30	3.58	

Site: CHEVRON J29 596
Well: #29-20D
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	305.38	6.26	-8.82	10.82			No Data
100.00	100.00	100.00	100.00	0.09	0.09	305.38	6.26	-8.82	10.82	10.64	59.42	
200.00	200.00	200.06	200.06	0.32	0.31	304.02	5.99	-8.87	10.70	10.08	17.21	
300.00	299.98	300.18	300.12	0.52	0.51	120.80	2.89	-9.42	10.63	9.60	10.35	
400.00	399.84	400.23	399.95	0.73	0.75	111.44	-3.65	-10.57	11.65	10.18	7.93	
500.00	499.49	500.60	499.95	0.97	0.99	119.67	-12.24	-10.66	12.76	10.80	6.53	
600.00	599.12	600.95	599.93	1.21	1.24	140.27	-20.18	-7.39	13.41	10.97	5.50	
700.00	698.73	700.95	699.54	1.47	1.50	138.37	-27.52	-2.69	14.36	11.43	4.89	
800.00	798.35	800.94	799.15	1.73	1.77	135.09	-34.86	2.01	15.28	11.84	4.43	
900.00	897.97	900.93	898.76	2.00	2.04	132.18	-42.20	6.71	16.25	12.28	4.09	
1000.00	997.59	1000.93	998.38	2.27	2.31	129.61	-49.54	11.41	17.26	12.75	3.83	
1100.00	1097.14	1101.21	1098.10	2.55	2.60	124.15	-58.40	17.08	17.89	12.80	3.52	
1200.00	1196.33	1201.43	1197.33	2.86	2.93	117.83	-70.19	24.62	19.02	13.28	3.31	
1300.00	1295.02	1301.59	1295.96	3.21	3.30	111.82	-84.88	34.03	20.82	14.34	3.21	
1400.00	1393.44	1401.62	1393.78	3.59	3.72	101.99	-102.44	45.27	22.82	15.53	3.13	
1500.00	1491.86	1501.44	1490.97	3.97	4.17	89.41	-121.63	57.56	25.61	17.53	3.17	
1600.00	1590.28	1601.26	1588.15	4.36	4.63	79.63	-140.84	69.86	29.38	20.61	3.35	
1700.00	1688.70	1701.08	1685.33	4.75	5.10	72.24	-160.05	82.16	33.80	24.39	3.59	
1800.00	1787.12	1800.90	1782.51	5.14	5.57	66.62	-179.26	94.46	38.65	28.63	3.86	
1900.00	1885.55	1900.72	1879.69	5.54	6.04	62.28	-198.47	106.76	43.79	33.17	4.12	
2000.00	1983.97	2000.54	1976.86	5.94	6.52	58.87	-217.68	119.05	49.12	37.90	4.38	
2100.00	2082.39	2100.36	2074.04	6.34	7.00	56.14	-236.88	131.35	54.59	42.78	4.62	
2200.00	2180.81	2200.18	2171.22	6.74	7.48	53.91	-256.09	143.65	60.17	47.76	4.85	
2300.00	2279.23	2300.00	2268.40	7.14	7.97	52.05	-275.30	155.95	65.82	52.81	5.06	
2400.00	2377.65	2399.82	2365.58	7.54	8.45	50.50	-294.51	168.25	71.53	57.91	5.25	
2500.00	2476.08	2499.64	2462.76	7.94	8.94	49.17	-313.72	180.55	77.28	63.06	5.43	
2600.00	2574.50	2599.46	2559.94	8.35	9.43	48.03	-332.93	192.84	83.07	68.24	5.60	
2700.00	2672.92	2699.28	2657.12	8.75	9.92	47.03	-352.14	205.14	88.89	73.44	5.76	
2800.00	2771.34	2799.10	2754.30	9.16	10.41	46.16	-371.34	217.44	94.73	78.67	5.90	
2900.00	2869.76	2898.92	2851.47	9.56	10.90	45.39	-390.55	229.74	100.59	83.92	6.03	
3000.00	2968.18	2998.73	2948.65	9.97	11.39	44.71	-409.76	242.04	106.46	89.18	6.16	
3100.00	3066.61	3098.55	3045.83	10.37	11.88	44.10	-428.97	254.33	112.35	94.45	6.28	
3200.00	3165.03	3198.37	3143.01	10.78	12.37	43.54	-448.18	266.63	118.26	99.73	6.38	
3300.00	3263.45	3298.19	3240.19	11.18	12.86	43.04	-467.39	278.93	124.17	105.03	6.49	
3400.00	3361.87	3398.01	3337.37	11.59	13.35	42.59	-486.59	291.23	130.09	110.33	6.58	
3500.00	3460.29	3497.83	3434.55	12.00	13.84	42.18	-505.80	303.53	136.01	115.63	6.67	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-21D
Reference Wellpath:

Date: 6/27/2008
Time: 14:47:38
Page: 2

Co-ordinate(Ne) Reference: Well: #29-21D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-20D
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	3558.72	3597.65	3531.73	12.40	14.34	41.80	-525.01	315.83	141.95	120.94	6.76	
3700.00	3657.14	3697.47	3628.91	12.81	14.83	41.45	-544.22	328.12	147.89	126.26	6.84	
3800.00	3755.56	3797.29	3726.08	13.22	15.32	41.12	-563.43	340.42	153.83	131.58	6.91	
3900.00	3853.98	3897.11	3823.26	13.62	15.82	40.82	-582.64	352.72	159.78	136.91	6.99	
4000.00	3952.40	3996.93	3920.44	14.03	16.31	40.55	-601.85	365.02	165.73	142.24	7.05	
4100.00	4050.82	4096.75	4017.62	14.44	16.80	40.29	-621.05	377.32	171.69	147.57	7.12	
4200.00	4149.25	4196.57	4114.80	14.85	17.29	40.05	-640.26	389.62	177.65	152.91	7.18	
4300.00	4247.67	4296.39	4211.98	15.25	17.79	39.82	-659.47	401.91	183.61	158.24	7.24	
4400.00	4346.09	4396.21	4309.16	15.66	18.28	39.61	-678.68	414.21	189.58	163.58	7.29	
4500.00	4444.51	4496.03	4406.34	16.07	18.78	39.42	-697.89	426.51	195.55	168.93	7.35	
4600.00	4542.93	4595.85	4503.52	16.48	19.27	39.23	-717.10	438.81	201.52	174.27	7.40	
4700.00	4641.35	4695.67	4600.69	16.88	19.76	39.05	-736.30	451.11	207.49	179.61	7.44	
4800.00	4739.78	4795.49	4697.87	17.29	20.26	38.89	-755.51	463.40	213.46	184.96	7.49	
4900.00	4838.20	4895.31	4795.05	17.70	20.75	38.73	-774.72	475.70	219.44	190.31	7.53	
5000.00	4936.62	4995.13	4892.23	18.11	21.25	38.58	-793.93	488.00	225.41	195.66	7.58	
5100.00	5035.04	5094.95	4989.41	18.52	21.74	38.44	-813.14	500.30	231.39	201.01	7.62	
5200.00	5133.46	5194.77	5086.59	18.92	22.23	38.31	-832.35	512.60	237.37	206.36	7.66	
5300.00	5231.88	5294.58	5183.77	19.33	22.73	38.18	-851.56	524.90	243.35	211.72	7.69	
5400.00	5330.31	5394.40	5280.95	19.74	23.22	38.06	-870.76	537.19	249.34	217.07	7.73	
5500.00	5428.73	5494.22	5378.13	20.15	23.72	37.95	-889.97	549.49	255.32	222.43	7.76	
5600.00	5527.15	5594.04	5475.30	20.56	24.21	37.84	-909.18	561.79	261.30	227.78	7.80	
5700.00	5625.57	5693.86	5572.48	20.97	24.71	37.73	-928.39	574.09	267.29	233.14	7.83	
5800.00	5723.99	5793.68	5669.66	21.37	25.20	37.63	-947.60	586.39	273.27	238.50	7.86	
5900.00	5822.41	5893.50	5766.84	21.78	25.70	37.54	-966.81	598.69	279.26	243.86	7.89	
6000.00	5920.84	5993.32	5864.02	22.19	26.19	37.44	-986.01	610.98	285.25	249.21	7.92	
6100.00	6019.26	6093.14	5961.20	22.60	26.69	37.35	-1005.22	623.28	291.24	254.57	7.94	
6200.00	6117.68	6193.05	6058.46	23.01	27.18	37.27	-1024.45	635.59	297.22	259.93	7.97	
6300.00	6216.10	6300.28	6163.19	23.42	27.55	37.32	-1043.82	647.99	301.96	264.05	7.96	
6400.00	6314.58	6407.67	6268.69	23.79	27.89	37.62	-1060.73	658.82	304.53	265.96	7.90	
6500.00	6413.44	6515.11	6374.76	24.06	28.18	37.92	-1075.14	668.04	306.48	267.35	7.83	
6600.00	6512.65	6622.59	6481.30	24.30	28.45	38.17	-1087.03	675.66	308.05	268.43	7.77	
6700.00	6612.16	6730.10	6588.23	24.51	28.67	38.37	-1096.40	681.66	309.26	269.20	7.72	
6800.00	6711.89	6837.63	6695.44	24.69	28.86	38.52	-1103.24	686.03	310.08	269.65	7.67	
6900.00	6811.78	6945.17	6802.86	24.84	29.02	38.63	-1107.52	688.78	310.52	269.78	7.62	
7000.00	6911.75	7052.71	6910.38	24.97	29.15	38.69	-1109.26	689.89	310.58	264.92	6.80	
7100.00	7011.75	7152.07	7009.73	25.09	29.24	297.82	-1109.58	689.44	310.59	269.31	7.52	
7200.00	7111.73	7249.60	7107.24	25.19	29.33	297.84	-1110.68	687.55	310.65	269.08	7.47	
7300.00	7211.65	7347.13	7204.69	25.28	29.41	297.86	-1112.60	684.22	310.68	268.87	7.43	
7400.00	7311.50	7445.86	7303.27	25.38	29.50	297.86	-1115.29	679.56	310.69	268.66	7.39	
7500.00	7411.34	7545.86	7403.11	25.49	29.60	297.86	-1118.12	674.65	310.69	268.44	7.35	
7600.00	7511.18	7645.86	7502.95	25.60	29.71	297.86	-1120.96	669.74	310.69	268.22	7.32	
7700.00	7611.02	7745.86	7602.79	25.71	29.81	297.86	-1123.79	664.83	310.69	268.00	7.28	
7800.00	7710.86	7845.86	7702.63	25.82	29.92	297.86	-1126.63	659.92	310.69	267.77	7.24	
7900.00	7810.70	7945.86	7802.47	25.94	30.03	297.86	-1129.46	655.01	310.69	267.54	7.20	
8000.00	7910.54	8045.86	7902.31	26.05	30.14	297.86	-1132.30	650.10	310.69	267.30	7.16	
8100.00	8010.38	8145.86	8002.15	26.17	30.25	297.86	-1135.13	645.19	310.69	267.06	7.12	
8200.00	8110.22	8245.86	8101.99	26.29	30.37	297.86	-1137.97	640.28	310.69	266.82	7.08	
8300.00	8210.06	8345.86	8201.83	26.42	30.48	297.86	-1140.80	635.37	310.69	266.57	7.04	
8400.00	8309.90	8445.86	8301.67	26.54	30.60	297.86	-1143.64	630.46	310.69	266.31	7.00	
8500.00	8409.74	8545.86	8401.50	26.67	30.72	297.86	-1146.47	625.55	310.69	266.06	6.96	
8600.00	8509.57	8645.86	8501.34	26.79	30.84	297.86	-1149.31	620.64	310.69	265.80	6.92	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-21D
Reference Wellpath:

Date: 6/27/2008
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Page: 3

Co-ordinate(Ne) Reference: Well: #29-21D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-20D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis			Offset Location		Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
				Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
8700.00	8609.41	8745.86	8601.18	26.92	30.96	297.86	-1152.14	615.73	310.69	265.53	6.88	
8800.00	8709.25	8845.86	8701.02	27.05	31.08	297.86	-1154.97	610.82	310.69	265.26	6.84	
8900.00	8809.09	8945.86	8800.86	27.18	31.21	297.86	-1157.81	605.91	310.69	264.99	6.80	
9000.00	8908.93	9045.86	8900.70	27.32	31.33	297.86	-1160.64	601.00	310.69	264.71	6.76	
9100.00	9008.77	9145.86	9000.54	27.45	31.46	297.86	-1163.48	596.09	310.69	264.43	6.72	
9200.00	9108.61	9245.86	9100.38	27.59	31.59	297.86	-1166.31	591.18	310.69	264.15	6.68	
9300.00	9208.45	9345.86	9200.22	27.72	31.72	297.86	-1169.15	586.27	310.69	263.86	6.63	
9400.00	9308.29	9445.86	9300.06	27.86	31.85	297.86	-1171.98	581.36	310.69	263.58	6.59	
9500.00	9408.13	9545.86	9399.90	28.00	31.98	297.86	-1174.82	576.45	310.69	263.28	6.55	
9600.00	9507.97	9645.86	9499.74	28.15	32.12	297.86	-1177.65	571.54	310.69	262.99	6.51	
9700.00	9607.81	9745.86	9599.57	28.29	32.25	297.86	-1180.49	566.64	310.69	262.69	6.47	

Site: CHEVRON J29 596
Well: #29-22D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis			Offset Location		Ctr-Ctr Distance ft	Edge Distance ft	Separation Factor	Warning
				Ref ft	Offset ft	TFO-HS deg	North ft	East ft				
0.00	0.00	0.00	0.00	0.00	0.00	128.55	-6.23	7.82	10.00			No Data
100.00	100.00	100.00	100.00	0.09	0.09	128.55	-6.23	7.82	10.00	9.82	54.93	
200.00	200.00	200.00	200.00	0.32	0.32	128.55	-6.23	7.82	10.00	9.37	15.83	
300.00	299.98	299.67	299.65	0.52	0.52	309.82	-7.70	8.74	10.46	9.42	10.08	
400.00	399.84	399.29	399.13	0.73	0.73	300.49	-12.11	11.49	12.07	10.62	8.33	
500.00	499.49	498.89	498.39	0.97	0.97	301.12	-18.84	16.19	14.93	13.02	7.81	
600.00	599.12	598.74	597.86	1.21	1.22	315.67	-24.45	22.82	17.20	14.81	7.18	
700.00	698.73	698.73	697.47	1.47	1.49	312.76	-29.92	29.61	18.13	15.25	6.28	
800.00	798.35	798.72	797.08	1.73	1.75	309.32	-35.38	36.39	19.21	15.82	5.65	
900.00	897.97	898.71	896.68	2.00	2.03	306.25	-40.85	43.18	20.36	16.44	5.19	
1000.00	997.59	998.70	996.29	2.27	2.30	303.51	-46.32	49.97	21.55	17.10	4.84	
1100.00	1097.14	1098.68	1095.89	2.55	2.57	299.51	-51.79	56.75	22.42	17.42	4.48	
1200.00	1196.33	1198.57	1195.41	2.86	2.85	288.20	-57.25	63.53	22.17	16.52	3.92	
1300.00	1295.02	1298.27	1294.72	3.21	3.13	268.36	-62.70	70.30	22.62	16.30	3.58	
1400.00	1393.44	1397.83	1393.91	3.59	3.40	247.92	-68.14	77.05	26.10	19.27	3.82	
1500.00	1491.86	1497.40	1493.10	3.97	3.68	233.60	-73.59	83.81	32.00	24.78	4.43	
1600.00	1590.28	1596.96	1592.28	4.36	3.96	224.12	-79.03	90.57	39.25	31.64	5.16	
1700.00	1688.70	1697.26	1692.12	4.75	4.24	218.38	-85.01	97.99	46.71	38.67	5.81	
1800.00	1787.12	1798.28	1792.31	5.14	4.57	216.81	-93.13	108.06	52.18	43.60	6.08	
1900.00	1885.55	1898.70	1891.49	5.54	4.92	217.65	-102.96	120.27	55.73	46.52	6.05	
2000.00	1983.97	1998.63	1990.16	5.94	5.28	218.58	-112.91	132.62	59.13	49.27	5.99	
2100.00	2082.39	2098.57	2088.83	6.34	5.64	219.40	-122.86	144.97	62.54	52.02	5.94	
2200.00	2180.81	2198.51	2187.51	6.74	6.01	220.13	-132.81	157.32	65.96	54.77	5.89	
2300.00	2279.23	2298.45	2286.18	7.14	6.37	220.80	-142.76	169.67	69.40	57.53	5.85	
2400.00	2377.65	2398.39	2384.85	7.54	6.74	221.40	-152.72	182.02	72.84	60.30	5.81	
2500.00	2476.08	2498.32	2483.52	7.94	7.11	221.95	-162.67	194.37	76.29	63.07	5.77	
2600.00	2574.50	2598.26	2582.19	8.35	7.48	222.45	-172.62	206.72	79.74	65.84	5.74	
2700.00	2672.92	2698.20	2680.86	8.75	7.85	222.90	-182.57	219.08	83.20	68.61	5.70	
2800.00	2771.34	2798.14	2779.53	9.16	8.22	223.33	-192.52	231.43	86.66	71.39	5.67	
2900.00	2869.76	2898.08	2878.21	9.56	8.59	223.72	-202.47	243.78	90.13	74.17	5.64	
3000.00	2968.18	2998.02	2976.88	9.97	8.96	224.08	-212.42	256.13	93.61	76.95	5.62	
3100.00	3066.61	3097.95	3075.55	10.37	9.34	224.41	-222.37	268.48	97.08	79.73	5.59	
3200.00	3165.03	3197.89	3174.22	10.78	9.71	224.72	-232.32	280.83	100.56	82.51	5.57	
3300.00	3263.45	3297.83	3272.89	11.18	10.08	225.01	-242.27	293.18	104.04	85.30	5.55	

Company: BERRY PETROLEUM COMPANY
Field: GARFIELD COUNTY (NAD 83)
Reference Site: CHEVRON J29 596
Reference Well: #29-21D
Reference Wellpath:

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Co-ordinate(NE) Reference: Well: #29-21D, True North
Vertical (TVD) Reference: SITE 7977.0
Db: Sybase

Site: CHEVRON J29 596
Well: #29-22D
Wellpath: 1 V0 Plan: Plan #1 V1

Inter-Site Error: 0.00 ft

Reference MD ft	TVD ft	Offset MD ft	TVD ft	Semi-Major Axis Ref ft	Offset ft	TFO-HS deg	Offset Location North ft	East ft	Ctr-Ctr Edge Distance ft	Separation Distance ft	Warning
3400.00	3361.87	3397.77	3371.56	11.59	10.46	225.28	-252.22	305.53	107.53	88.08	5.53
3500.00	3460.29	3497.71	3470.23	12.00	10.83	225.54	-262.17	317.88	111.02	90.87	5.51
3600.00	3558.72	3597.64	3568.91	12.40	11.21	225.78	-272.12	330.23	114.51	93.66	5.49
3700.00	3657.14	3697.58	3667.58	12.81	11.58	226.00	-282.07	342.58	118.00	96.45	5.48
3800.00	3755.56	3797.52	3766.25	13.22	11.96	226.21	-292.02	354.93	121.49	99.24	5.46
3900.00	3853.98	3897.46	3864.92	13.62	12.33	226.41	-301.97	367.28	124.98	102.03	5.45
4000.00	3952.40	3997.40	3963.59	14.03	12.71	226.60	-311.92	379.63	128.48	104.82	5.43
4100.00	4050.82	4097.33	4062.26	14.44	13.09	226.78	-321.87	391.98	131.98	107.62	5.42
4200.00	4149.25	4197.27	4160.94	14.85	13.46	226.95	-331.82	404.33	135.47	110.41	5.40
4300.00	4247.67	4297.21	4259.61	15.25	13.84	227.11	-341.77	416.68	138.97	113.20	5.39
4400.00	4346.09	4397.15	4358.28	15.66	14.21	227.27	-351.72	429.03	142.47	116.00	5.38
4500.00	4444.51	4497.09	4456.95	16.07	14.59	227.41	-361.67	441.38	145.98	118.79	5.37
4600.00	4542.93	4597.02	4555.62	16.48	14.97	227.55	-371.62	453.73	149.48	121.59	5.36
4700.00	4641.35	4696.96	4654.29	16.88	15.34	227.69	-381.57	466.08	152.98	124.38	5.35
4800.00	4739.78	4796.90	4752.96	17.29	15.72	227.81	-391.52	478.44	156.48	127.18	5.34
4900.00	4838.20	4896.84	4851.64	17.70	16.10	227.93	-401.47	490.79	159.99	129.98	5.33
5000.00	4936.62	4996.78	4950.31	18.11	16.48	228.05	-411.42	503.14	163.49	132.78	5.32
5100.00	5035.04	5096.71	5048.98	18.52	16.85	228.16	-421.37	515.49	167.00	135.57	5.31
5200.00	5133.46	5196.65	5147.65	18.92	17.23	228.27	-431.32	527.84	170.51	138.37	5.31
5300.00	5231.88	5296.59	5246.32	19.33	17.61	228.37	-441.27	540.19	174.01	141.17	5.30
5400.00	5330.31	5396.53	5344.99	19.74	17.98	228.47	-451.22	552.54	177.52	143.97	5.29
5500.00	5428.73	5496.47	5443.66	20.15	18.36	228.56	-461.17	564.89	181.03	146.77	5.28
5600.00	5527.15	5596.40	5542.34	20.56	18.74	228.65	-471.12	577.24	184.54	149.57	5.28
5700.00	5625.57	5696.34	5641.01	20.97	19.12	228.74	-481.07	589.59	188.05	152.37	5.27
5800.00	5723.99	5796.28	5739.68	21.37	19.49	228.83	-491.02	601.94	191.56	155.17	5.26
5900.00	5822.41	5896.22	5838.35	21.78	19.87	228.91	-500.97	614.29	195.07	157.97	5.26
6000.00	5920.84	5996.16	5937.02	22.19	20.25	228.99	-510.92	626.64	198.58	160.77	5.25
6100.00	6019.26	6096.09	6035.69	22.60	20.63	229.06	-520.87	638.99	202.09	163.57	5.25
6200.00	6117.68	6194.41	6132.87	23.01	20.95	228.97	-530.24	650.62	205.95	166.80	5.26
6300.00	6216.10	6292.43	6229.99	23.42	21.20	228.50	-538.54	660.93	210.70	171.07	5.32
6400.00	6314.58	6390.32	6327.20	23.79	21.42	227.70	-545.79	669.93	216.14	176.14	5.40
6500.00	6413.44	6488.17	6424.54	24.06	21.64	226.98	-552.00	677.63	220.96	180.68	5.48
6600.00	6512.65	6585.98	6522.01	24.30	21.83	226.42	-557.16	684.03	224.96	184.39	5.54
6700.00	6612.16	6683.78	6619.58	24.51	22.01	226.00	-561.27	689.14	228.10	187.25	5.58
6800.00	6711.89	6781.56	6717.24	24.69	22.18	225.71	-564.34	692.95	230.38	189.27	5.60
6900.00	6811.78	6879.34	6814.96	24.84	22.32	225.55	-566.36	695.46	231.80	190.42	5.60
7000.00	6911.75	6977.11	6912.72	24.97	22.45	225.51	-567.34	696.67	232.34	190.71	5.58
7100.00	7011.75	7077.48	7013.09	25.09	22.58	124.67	-567.58	696.54	232.41	192.27	5.79
7200.00	7111.73	7179.85	7115.44	25.19	22.70	124.71	-568.56	694.85	232.54	190.35	5.51
7300.00	7211.65	7282.21	7217.73	25.28	22.80	124.75	-570.45	691.57	232.64	190.21	5.48
7400.00	7311.50	7383.65	7319.03	25.38	22.90	124.76	-573.16	686.88	232.68	190.05	5.46
7500.00	7411.34	7483.65	7418.86	25.49	23.01	124.76	-575.99	681.97	232.68	189.85	5.43
7600.00	7511.18	7583.65	7518.70	25.60	23.12	124.76	-578.83	677.06	232.68	189.64	5.41
7700.00	7611.02	7683.65	7618.54	25.71	23.24	124.76	-581.66	672.15	232.68	189.43	5.38
7800.00	7710.86	7783.65	7718.38	25.82	23.35	124.76	-584.50	667.24	232.68	189.21	5.35
7900.00	7810.70	7883.65	7818.22	25.94	23.47	124.76	-587.33	662.33	232.68	189.00	5.33
8000.00	7910.54	7983.65	7918.06	26.05	23.59	124.76	-590.16	657.42	232.68	188.77	5.30
8100.00	8010.38	8083.65	8017.90	26.17	23.71	124.76	-593.00	652.51	232.68	188.54	5.27
8200.00	8110.22	8183.65	8117.74	26.29	23.83	124.76	-595.83	647.60	232.68	188.31	5.24
8300.00	8210.06	8283.65	8217.58	26.42	23.96	124.76	-598.67	642.70	232.68	188.08	5.22
8400.00	8309.90	8383.65	8317.42	26.54	24.08	124.76	-601.50	637.79	232.68	187.84	5.19

Company:	BERRY PETROLEUM COMPANY	Date:	6/27/2008	Time:	14:47:38	Page:	5
Field:	GARFIELD COUNTY (NAD 83)						
Reference Site:	CHEVRON J29 596	Co-ordinate(NE) Reference: Well: #29-21D, True North					
Reference Well:	#29-21D	Vertical (TVD) Reference: SITE 7977.0					
Reference Wellpath:		Db: Sybase					

Site: CHEVRON J29 596
Well: #29-22D
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	8409.74	8483.65	8417.26	26.67	24.21	124.76	-604.34	632.88	232.68	187.59	5.16	
8600.00	8509.57	8583.65	8517.10	26.79	24.34	124.76	-607.17	627.97	232.68	187.34	5.13	
8700.00	8609.41	8683.65	8616.93	26.92	24.47	124.76	-610.01	623.06	232.68	187.09	5.10	
8800.00	8709.25	8783.65	8716.77	27.05	24.61	124.76	-612.84	618.15	232.68	186.84	5.08	
8900.00	8809.09	8883.65	8816.61	27.18	24.74	124.76	-615.68	613.24	232.68	186.58	5.05	
9000.00	8908.93	8983.65	8916.45	27.32	24.88	124.76	-618.51	608.33	232.68	186.31	5.02	
9100.00	9008.77	9083.65	9016.29	27.45	25.01	124.76	-621.35	603.42	232.68	186.05	4.99	
9200.00	9108.61	9183.65	9116.13	27.59	25.15	124.76	-624.18	598.51	232.68	185.78	4.96	
9300.00	9208.45	9283.65	9215.97	27.72	25.29	124.76	-627.01	593.60	232.68	185.50	4.93	
9400.00	9308.29	9383.65	9315.81	27.86	25.44	124.76	-629.85	588.69	232.68	185.23	4.90	
9500.00	9408.13	9483.65	9415.65	28.00	25.58	124.76	-632.68	583.78	232.68	184.95	4.87	
9600.00	9507.97	9583.65	9515.49	28.15	25.73	124.76	-635.52	578.87	232.68	184.66	4.85	
9700.00	9607.81	9683.65	9615.33	28.29	25.87	124.76	-638.35	573.96	232.68	184.38	4.82	