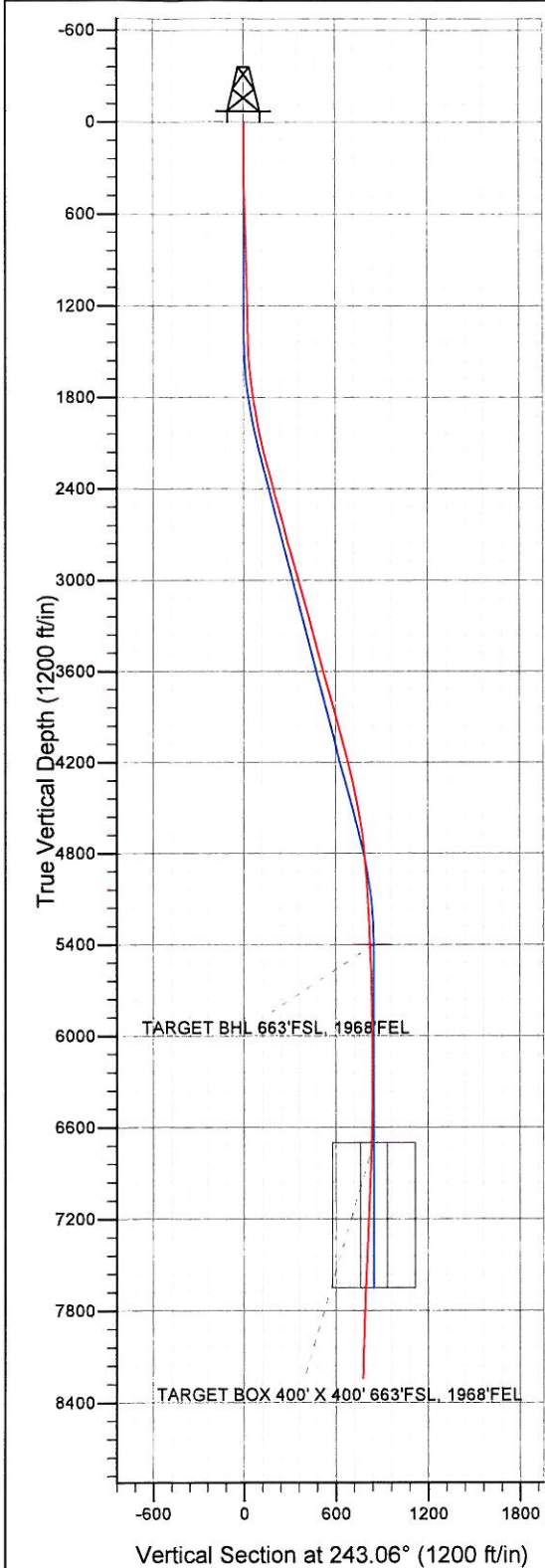
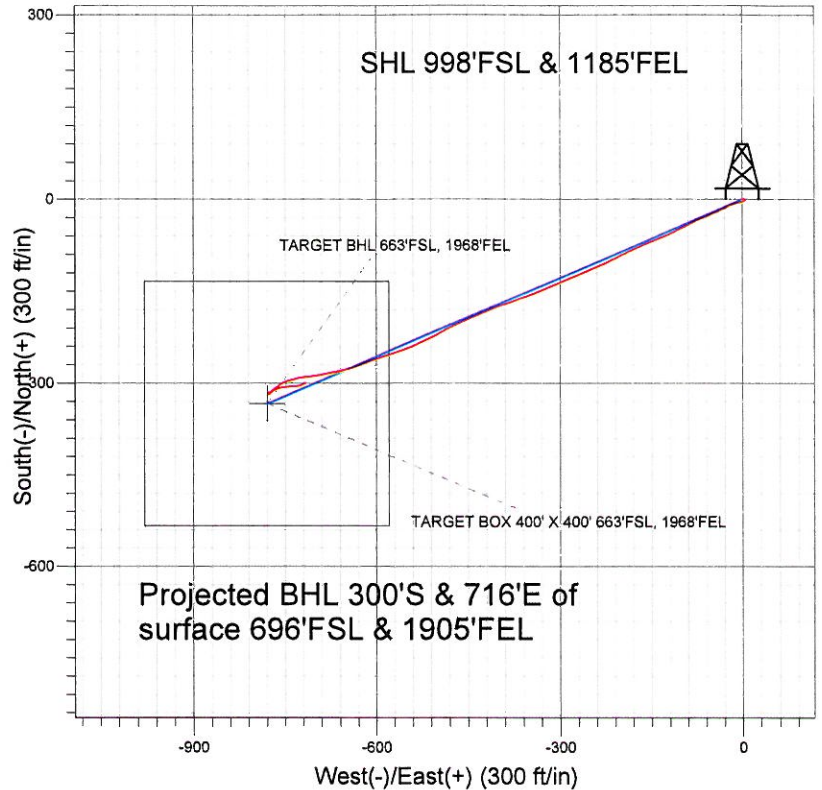


Well Name: **Pratt 34-29D**
 Surface Location: Pratt 34-29D Pad Sec.29-T1N-R68W
 North American Datum 1983 US State Plane 1983 Colorado Northern Zone
 Ground Elevation: 5179.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1249574.96 3133772.01 40° 1' 2.931 N 105° 1' 20.568 W
 Original Well Elev WELL @ 5192.0ft (Original Well Elev)



Synergy Resources



LEGEND

- ◆ Pratt 34-29D, Wellbore #1, Plan #3 (1-6-11) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
 8343'MD & 8247'TVD @ 777' VS
 1.5 deg Inc 57.1 deg AZ

Project: SEC.29-T1N-R68W
 Site: Pratt 34-29D Pad Sec.29-T1N-R68W
 Well: Pratt 34-29D
 Plan: Wellbore #1



Directional

Synergy Resources

SEC.29-T1N-R68W

Pratt 34-29D Pad Sec.29-T1N-R68W

Pratt 34-29D

Wellbore #1

Survey: Survey #1

Standard Survey Report

27 January, 2011

Company:	Synergy Resources	Local Co-ordinate Reference:	Well Pratt 34-29D
Project:	SEC.29-T1N-R68W	TVD Reference:	WELL @ 5192.0ft (Original Well Elev)
Site:	Pratt 34-29D Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5192.0ft (Original Well Elev)
Well:	Pratt 34-29D	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.29-T1N-R68W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone	Using geodetic scale factor	

Site	Pratt 34-29D Pad Sec.29-T1N-R68W				
Site Position:		Northing:	1,249,588.32 ft	Latitude:	40° 1' 3.065 N
From:	Lat/Long	Easting:	3,133,748.69 ft	Longitude:	105° 1' 20.867 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.31 °

Well	Pratt 34-29D					
Well Position	+N/-S	0.0 ft	Northing:	1,249,574.96 ft	Latitude:	40° 1' 2.931 N
	+E/-W	0.0 ft	Easting:	3,133,772.01 ft	Longitude:	105° 1' 20.568 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,179.0 ft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/18/2011	9.02	66.71	52,941

Design	Wellbore #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	243.06

Survey Program	Date 1/27/2011				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
217.0	8,343.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
217.0	1.60	106.90	217.0	-0.9	2.9	-2.2	0.74	0.74	0.00	
309.0	0.90	176.70	309.0	-2.0	4.2	-2.8	1.68	-0.76	75.87	
401.0	1.40	251.40	400.9	-3.1	3.1	-1.4	1.58	0.54	81.20	
494.0	1.90	252.10	493.9	-3.9	0.6	1.2	0.54	0.54	0.75	
590.0	2.70	249.40	589.8	-5.2	-3.0	5.0	0.84	0.83	-2.81	
684.0	2.00	255.00	683.7	-6.4	-6.7	8.9	0.78	-0.74	5.96	
778.0	1.10	241.70	777.7	-7.2	-9.1	11.4	1.02	-0.96	-14.15	
871.0	1.10	258.30	870.7	-7.8	-10.7	13.1	0.34	0.00	17.85	
958.0	1.10	258.30	957.7	-8.2	-12.4	14.7	0.00	0.00	0.00	
1,054.0	1.40	253.60	1,053.7	-8.7	-14.4	16.8	0.33	0.31	-4.90	
1,148.0	1.30	258.20	1,147.6	-9.2	-16.5	18.9	0.16	-0.11	4.89	
1,241.0	1.40	254.30	1,240.6	-9.8	-18.7	21.1	0.15	0.11	-4.19	

Company: Synergy Resources
Project: SEC.29-T1N-R68W
Site: Pratt 34-29D Pad Sec.29-T1N-R68W
Well: Pratt 34-29D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Pratt 34-29D
TVD Reference: WELL @ 5192.0ft (Original Well Elev)
MD Reference: WELL @ 5192.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: Landmark

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,334.0	1.50	259.30	1,333.6	-10.3	-20.9	23.3	0.17	0.11	5.38
1,428.0	1.00	227.60	1,427.5	-11.1	-22.8	25.3	0.89	-0.53	-33.72
1,522.0	3.30	238.30	1,521.5	-13.0	-25.7	28.8	2.47	2.45	11.38
1,615.0	5.10	244.80	1,614.2	-16.2	-31.7	35.6	2.00	1.94	6.99
1,709.0	7.30	245.70	1,707.7	-20.5	-40.9	45.7	2.34	2.34	0.96
1,802.0	8.80	247.30	1,799.7	-25.6	-52.9	58.7	1.63	1.61	1.72
1,897.0	9.90	246.30	1,893.5	-31.7	-67.0	74.1	1.17	1.16	-1.05
1,991.0	11.00	242.60	1,985.9	-39.1	-82.4	91.2	1.37	1.17	-3.94
2,085.0	12.10	243.80	2,078.0	-47.6	-99.2	110.0	1.20	1.17	1.28
2,179.0	14.00	246.00	2,169.6	-56.5	-118.4	131.2	2.09	2.02	2.34
2,272.0	15.20	249.30	2,259.6	-65.4	-140.1	154.6	1.57	1.29	3.55
2,366.0	15.20	245.90	2,350.3	-74.8	-162.9	179.1	0.95	0.00	-3.62
2,460.0	15.40	244.90	2,441.0	-85.1	-185.4	203.9	0.35	0.21	-1.06
2,553.0	15.30	243.00	2,530.7	-96.0	-207.6	228.5	0.55	-0.11	-2.04
2,647.0	14.80	245.20	2,621.4	-106.6	-229.5	252.9	0.81	-0.53	2.34
2,741.0	14.30	247.40	2,712.4	-116.1	-251.1	276.5	0.79	-0.53	2.34
2,834.0	15.70	247.20	2,802.2	-125.4	-273.3	300.5	1.51	1.51	-0.22
2,928.0	15.30	246.40	2,892.8	-135.3	-296.4	325.6	0.48	-0.43	-0.85
3,022.0	15.90	246.70	2,983.4	-145.4	-319.6	350.8	0.64	0.64	0.32
3,115.0	16.10	249.40	3,072.8	-154.9	-343.4	376.3	0.83	0.22	2.90
3,209.0	16.00	248.80	3,163.1	-164.2	-367.7	402.2	0.21	-0.11	-0.64
3,303.0	15.00	252.80	3,253.7	-172.5	-391.4	427.0	1.56	-1.06	4.26
3,397.0	14.40	246.30	3,344.6	-180.8	-413.7	450.7	1.87	-0.64	-6.91
3,491.0	15.00	247.00	3,435.5	-190.2	-435.6	474.5	0.67	0.64	0.74
3,585.0	16.00	245.10	3,526.1	-200.4	-458.5	499.6	1.19	1.06	-2.02
3,678.0	14.10	242.00	3,615.9	-211.2	-480.2	523.7	2.22	-2.04	-3.33
3,772.0	14.80	243.20	3,706.9	-221.9	-501.0	547.2	0.81	0.74	1.28
3,866.0	15.40	242.70	3,797.7	-233.1	-522.8	571.7	0.65	0.64	-0.53
3,959.0	15.80	248.30	3,887.3	-243.4	-545.5	596.6	1.67	0.43	6.02
4,053.0	15.50	253.90	3,977.8	-251.6	-569.5	621.7	1.64	-0.32	5.96
4,147.0	15.70	251.10	4,068.3	-259.2	-593.6	646.6	0.83	0.21	-2.98
4,240.0	14.60	249.00	4,158.1	-267.5	-616.4	670.8	1.32	-1.18	-2.26
4,334.0	13.80	252.90	4,249.2	-275.1	-638.2	693.6	1.33	-0.85	4.15
4,427.0	11.90	258.50	4,339.9	-280.2	-658.2	713.8	2.44	-2.04	6.02
4,521.0	11.50	257.10	4,431.9	-284.3	-676.9	732.2	0.52	-0.43	-1.49
4,616.0	10.30	258.40	4,525.2	-288.1	-694.4	749.6	1.29	-1.26	1.37
4,710.0	8.70	264.40	4,617.9	-290.5	-709.7	764.3	2.00	-1.70	6.38
4,803.0	7.00	263.80	4,710.1	-291.8	-722.4	776.1	1.83	-1.83	-0.65
4,897.0	5.60	253.50	4,803.5	-293.7	-732.4	786.0	1.91	-1.49	-10.96
4,991.0	4.60	253.30	4,897.1	-296.1	-740.5	794.2	1.06	-1.06	-0.21
5,085.0	4.10	254.20	4,990.9	-298.1	-747.3	801.2	0.54	-0.53	0.96
5,178.0	3.70	240.40	5,083.6	-300.5	-753.1	807.5	1.09	-0.43	-14.84
5,272.0	3.30	235.80	5,177.5	-303.5	-758.0	813.2	0.52	-0.43	-4.89
5,366.0	2.60	233.70	5,271.3	-306.3	-761.9	818.0	0.75	-0.74	-2.23
5,460.0	2.40	237.00	5,365.3	-308.6	-765.3	822.1	0.26	-0.21	3.51
5,495.7	2.20	232.89	5,400.9	-309.4	-766.5	823.5	0.73	-0.56	-11.50
TARGET BHL 663'FSL, 1968'FEL									
5,554.0	1.90	224.40	5,459.2	-310.8	-768.0	825.5	0.73	-0.51	-14.57
5,742.0	1.20	217.80	5,647.1	-314.6	-771.4	830.2	0.38	-0.37	-3.51
5,929.0	0.90	227.80	5,834.1	-317.1	-773.7	833.4	0.19	-0.16	5.35
6,117.0	0.70	230.70	6,022.1	-318.8	-775.7	836.0	0.11	-0.11	1.54
6,304.0	0.30	290.90	6,209.1	-319.4	-777.0	837.4	0.33	-0.21	32.19
6,491.0	0.80	357.10	6,396.1	-317.9	-777.6	837.2	0.39	0.27	35.40
6,679.0	1.20	70.50	6,584.0	-315.9	-775.8	834.7	0.66	0.21	39.04

Company: Synergy Resources
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Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,794.7	1.38	63.93	6,699.7	-314.9	-773.4	832.1	0.20	0.16	-5.68
TARGET BOX 400' X 400' 663'FSL, 1968'FEL									
6,866.0	1.50	60.70	6,771.0	-314.1	-771.8	830.3	0.20	0.17	-4.53
7,054.0	2.10	63.10	6,958.9	-311.3	-766.6	824.4	0.32	0.32	1.28
7,241.0	2.20	76.40	7,145.8	-308.9	-760.0	817.5	0.27	0.05	7.11
7,428.0	2.90	81.90	7,332.6	-307.4	-751.9	809.5	0.40	0.37	2.94
7,615.0	3.30	86.00	7,519.3	-306.4	-741.8	800.1	0.24	0.21	2.19
7,803.0	2.60	86.30	7,707.0	-305.7	-732.2	791.2	0.37	-0.37	0.16
7,990.0	1.70	74.10	7,893.9	-304.7	-725.3	784.6	0.54	-0.48	-6.52
8,178.0	1.60	63.30	8,081.8	-302.7	-720.2	779.2	0.17	-0.05	-5.74
8,299.0	1.50	57.10	8,202.8	-301.1	-717.4	776.0	0.16	-0.08	-5.12
8,343.0	1.50	57.10	8,246.8	-300.5	-716.4	774.8	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____