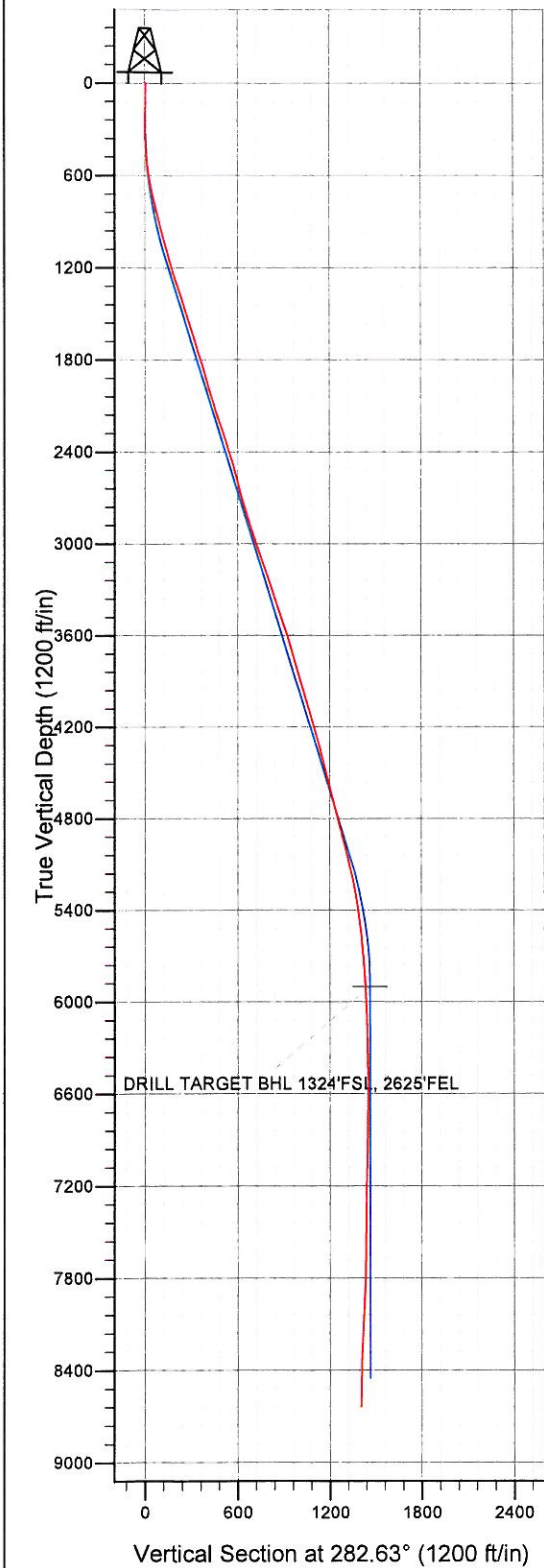
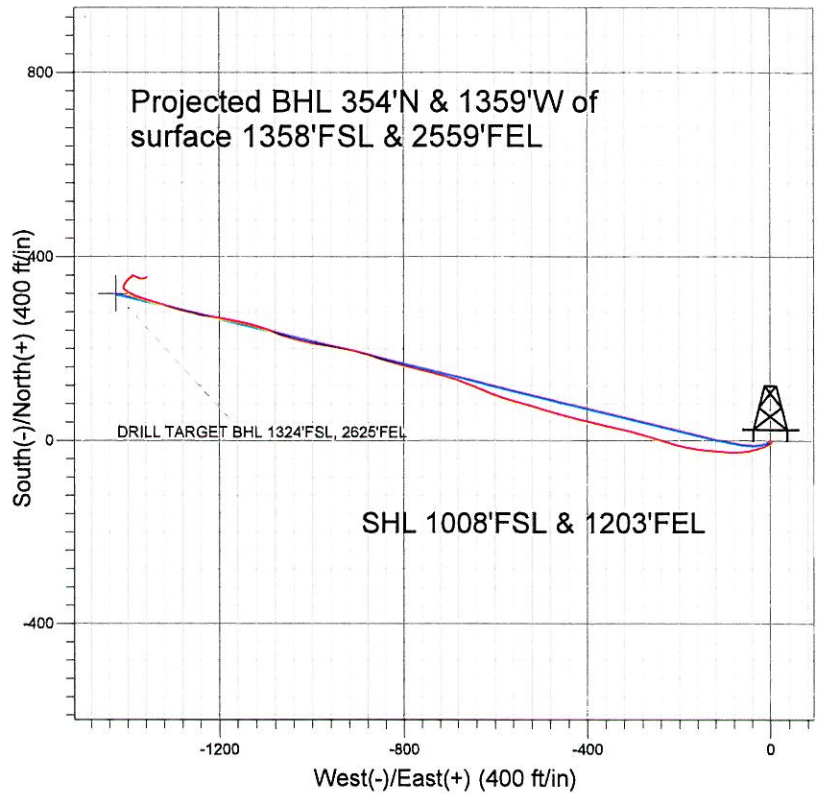


Well Name: **Pratt 29-PD**

Surface Location: Pratt 34-29D Pad Sec.29-T1N-R68W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 5180.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1249584.70 3133754.88 40° 1' 3.029 N 105° 1' 20.788 W
Original Well Elev WELL @ 5193.0ft (Original Well Elev)



Synergy Resources



LEGEND

- Pratt 29-PD, Wellbore #1, Plan #3 (1-27-11) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
8841'MD & 8640'TVD @ 1404' VS
1.1 deg Inc 39.9 deg AZ

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



Synergy Resources

SEC.29-T1N-R68W

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

Pratt 29-PD

Wellbore #1

Survey: Survey #1

Standard Survey Report

14 February, 2011

Company:	Synergy Resources	Local Co-ordinate Reference:	Well Pratt 29-PD
Project:	SEC.29-T1N-R68W	TVD Reference:	WELL @ 5193.0ft (Original Well Elev)
Site:	Pratt 34-29D Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5193.0ft (Original Well Elev)
Well:	Pratt 29-PD	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 29-PD					
Well Position	+N/-S	0.0 ft	Northing:	1,249,584.70 ft	Latitude:	40° 1' 3.029 N
	+E/-W	0.0 ft	Easting:	3,133,754.88 ft	Longitude:	105° 1' 20.788 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,180.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/26/2011	9.02	66.71	52,939

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	282.63	

Survey Program	Date 2/14/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
218.0	8,841.0	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	
218.0	1.80	141.20	218.0	-2.7	2.1	-2.7	0.83	0.83	0.00	
310.0	2.60	211.20	309.9	-5.6	2.0	-3.1	2.83	0.87	76.09	
402.0	5.30	238.60	401.7	-9.6	-2.7	0.6	3.50	2.93	29.78	
494.0	7.60	245.70	493.1	-14.3	-11.9	8.5	2.64	2.50	7.72	
590.0	10.00	253.40	588.0	-19.3	-25.7	20.8	2.78	2.50	8.02	
684.0	11.90	258.70	680.3	-23.5	-43.0	36.8	2.29	2.02	5.64	
778.0	13.60	263.60	771.9	-26.7	-63.5	56.1	2.14	1.81	5.21	
872.0	14.80	273.10	863.1	-27.2	-86.5	78.4	2.78	1.28	10.11	
1,054.0	14.60	276.00	1,039.1	-23.6	-132.5	124.1	0.42	-0.11	1.59	
1,148.0	15.70	277.50	1,129.9	-20.7	-156.9	148.6	1.24	1.17	1.60	
1,241.0	16.40	280.30	1,219.2	-16.7	-182.3	174.2	1.12	0.75	3.01	
1,334.0	17.80	285.90	1,308.1	-10.5	-208.9	201.5	2.32	1.51	6.02	

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

Local Co-ordinate Reference: Well Pratt 29-PD
TVD Reference: WELL @ 5193.0ft (Original Well Elev)
MD Reference: WELL @ 5193.0ft (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)
1,428.0	17.50	286.90	1,397.7	-2.4	-236.2	230.0	0.45	-0.32	1.06
1,522.0	17.70	286.90	1,487.3	5.9	-263.4	258.3	0.21	0.21	0.00
1,615.0	17.70	286.60	1,575.9	14.0	-290.5	286.5	0.10	0.00	-0.32
1,709.0	16.80	284.00	1,665.7	21.4	-317.4	314.4	1.26	-0.96	-2.77
1,802.0	16.70	280.90	1,754.7	27.2	-343.5	341.2	0.97	-0.11	-3.33
1,897.0	16.50	284.10	1,845.8	33.0	-370.0	368.3	0.98	-0.21	3.37
1,991.0	15.90	283.00	1,936.0	39.2	-395.5	394.5	0.72	-0.64	-1.17
2,085.0	16.40	285.60	2,026.3	45.6	-420.8	420.6	0.94	0.53	2.77
2,179.0	17.50	285.40	2,116.2	53.0	-447.2	448.0	1.17	1.17	-0.21
2,272.0	18.20	285.40	2,204.8	60.5	-474.7	476.5	0.75	0.75	0.00
2,366.0	18.20	287.70	2,294.1	68.9	-502.9	505.8	0.76	0.00	2.45
2,460.0	17.10	284.80	2,383.6	76.9	-530.2	534.2	1.50	-1.17	-3.09
2,553.0	17.50	286.90	2,472.4	84.4	-556.8	561.8	0.80	0.43	2.26
2,647.0	15.30	286.40	2,562.6	92.0	-582.2	588.3	2.35	-2.34	-0.53
2,741.0	15.80	292.70	2,653.2	100.5	-605.9	613.3	1.87	0.53	6.70
2,834.0	15.10	292.50	2,742.8	110.0	-628.8	637.7	0.75	-0.75	-0.22
2,928.0	17.40	291.20	2,833.0	119.8	-653.2	663.6	2.48	2.45	-1.38
3,022.0	18.20	290.50	2,922.5	130.0	-680.1	692.1	0.88	0.85	-0.74
3,115.0	18.70	284.10	3,010.8	138.7	-708.2	721.4	2.24	0.54	-6.88
3,209.0	18.50	284.50	3,099.9	146.1	-737.2	751.3	0.25	-0.21	0.43
3,303.0	18.20	283.90	3,189.1	153.4	-765.9	780.9	0.38	-0.32	-0.64
3,397.0	18.50	285.80	3,278.3	161.0	-794.5	810.5	0.71	0.32	2.02
3,491.0	18.70	283.20	3,367.4	168.5	-823.5	840.4	0.91	0.21	-2.77
3,585.0	19.20	288.40	3,456.3	176.8	-852.9	870.9	1.87	0.53	5.53
3,678.0	18.50	286.90	3,544.3	185.9	-881.5	900.8	0.92	-0.75	-1.61
3,772.0	16.70	283.40	3,633.9	193.4	-908.9	929.2	2.22	-1.91	-3.72
3,866.0	17.10	280.20	3,723.9	199.0	-935.6	956.5	1.08	0.43	-3.40
3,959.0	16.60	281.00	3,812.9	203.9	-962.1	983.4	0.59	-0.54	0.86
4,053.0	15.20	278.00	3,903.3	208.2	-987.5	1,009.1	1.73	-1.49	-3.19
4,147.0	15.90	280.30	3,993.8	212.2	-1,012.4	1,034.3	0.99	0.74	2.45
4,240.0	16.00	288.30	4,083.3	218.5	-1,037.1	1,059.8	2.36	0.11	8.60
4,334.0	16.40	288.30	4,173.5	226.7	-1,062.0	1,085.9	0.43	0.43	0.00
4,427.0	16.40	293.10	4,262.7	236.0	-1,086.5	1,111.9	1.46	0.00	5.16
4,521.0	14.60	288.20	4,353.3	244.9	-1,110.0	1,136.7	2.37	-1.91	-5.21
4,616.0	13.60	285.70	4,445.5	251.7	-1,132.1	1,159.8	1.23	-1.05	-2.63
4,710.0	15.10	281.40	4,536.5	257.1	-1,154.8	1,183.0	1.96	1.60	-4.57
4,803.0	14.30	281.50	4,626.5	261.8	-1,177.9	1,206.6	0.86	-0.86	0.11
4,897.0	13.70	279.30	4,717.7	265.9	-1,200.3	1,229.4	0.85	-0.64	-2.34
4,991.0	15.00	276.80	4,808.8	269.1	-1,223.3	1,252.6	1.53	1.38	-2.66
5,085.0	14.00	285.40	4,899.8	273.6	-1,246.4	1,276.0	2.52	-1.06	9.15
5,178.0	14.90	281.30	4,989.8	278.9	-1,268.9	1,299.2	1.46	0.97	-4.41
5,272.0	14.30	285.60	5,080.8	284.4	-1,292.0	1,322.9	1.32	-0.64	4.57
5,366.0	12.00	288.30	5,172.3	290.6	-1,312.4	1,344.2	2.53	-2.45	2.87
5,460.0	10.10	287.60	5,264.6	296.2	-1,329.6	1,362.2	2.03	-2.02	-0.74
5,554.0	8.60	287.50	5,357.3	300.8	-1,344.1	1,377.4	1.60	-1.60	-0.11
5,648.0	7.90	287.00	5,450.4	304.8	-1,357.0	1,390.8	0.75	-0.74	-0.53
5,742.0	7.10	287.10	5,543.6	308.4	-1,368.7	1,403.1	0.85	-0.85	0.11
5,835.0	5.70	289.90	5,636.0	311.6	-1,378.6	1,413.4	1.54	-1.51	3.01
5,929.0	4.50	294.20	5,729.6	314.7	-1,386.3	1,421.6	1.34	-1.28	4.57
6,023.0	3.50	296.40	5,823.4	317.5	-1,392.3	1,428.0	1.08	-1.06	2.34
6,101.2	3.00	298.65	5,901.5	319.6	-1,396.2	1,432.3	0.66	-0.64	2.88
DRILL TARGET BHL 1324'FSL, 2625'FEL									
6,117.0	2.90	299.20	5,917.2	320.0	-1,396.9	1,433.1	0.66	-0.63	3.47
6,211.0	2.40	302.40	6,011.1	322.2	-1,400.7	1,437.2	0.55	-0.53	3.40

Company: Synergy Resources
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Local Co-ordinate Reference: Well Pratt 29-PD
TVD Reference: WELL @ 5193.0ft (Original Well Elev)
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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)
6,304.0	2.00	309.50	6,104.1	324.3	-1,403.5	1,440.5	0.52	-0.43	7.63
6,491.0	1.50	312.30	6,291.0	328.0	-1,407.9	1,445.5	0.27	-0.27	1.50
6,679.0	1.10	359.00	6,478.9	331.4	-1,409.7	1,448.1	0.58	-0.21	24.84
6,866.0	1.10	27.80	6,665.9	334.8	-1,408.9	1,448.0	0.29	0.00	15.40
7,054.0	2.20	29.20	6,853.8	339.6	-1,406.3	1,446.5	0.59	0.59	0.74
7,241.0	2.30	42.20	7,040.7	345.5	-1,402.0	1,443.7	0.28	0.05	6.95
7,428.0	1.90	49.80	7,227.5	350.3	-1,397.2	1,439.9	0.26	-0.21	4.06
7,615.0	1.50	53.20	7,414.5	353.7	-1,392.8	1,436.5	0.22	-0.21	1.82
7,803.0	1.10	8.90	7,602.4	357.0	-1,390.6	1,435.0	0.56	-0.21	-23.56
7,990.0	2.10	119.00	7,789.4	357.1	-1,387.3	1,431.8	1.44	0.53	58.88
8,178.0	2.70	114.00	7,977.2	353.6	-1,380.3	1,424.2	0.34	0.32	-2.66
8,365.0	2.60	102.70	8,164.0	350.9	-1,372.1	1,415.6	0.28	-0.05	-6.04
8,553.0	1.70	74.80	8,351.9	350.7	-1,365.2	1,408.9	0.72	-0.48	-14.84
8,740.0	1.30	60.50	8,538.8	352.5	-1,360.7	1,404.9	0.29	-0.21	-7.65
8,797.0	1.10	39.90	8,595.8	353.2	-1,359.8	1,404.1	0.83	-0.35	-36.14
8,841.0	1.10	39.90	8,639.8	353.9	-1,359.3	1,403.7	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____