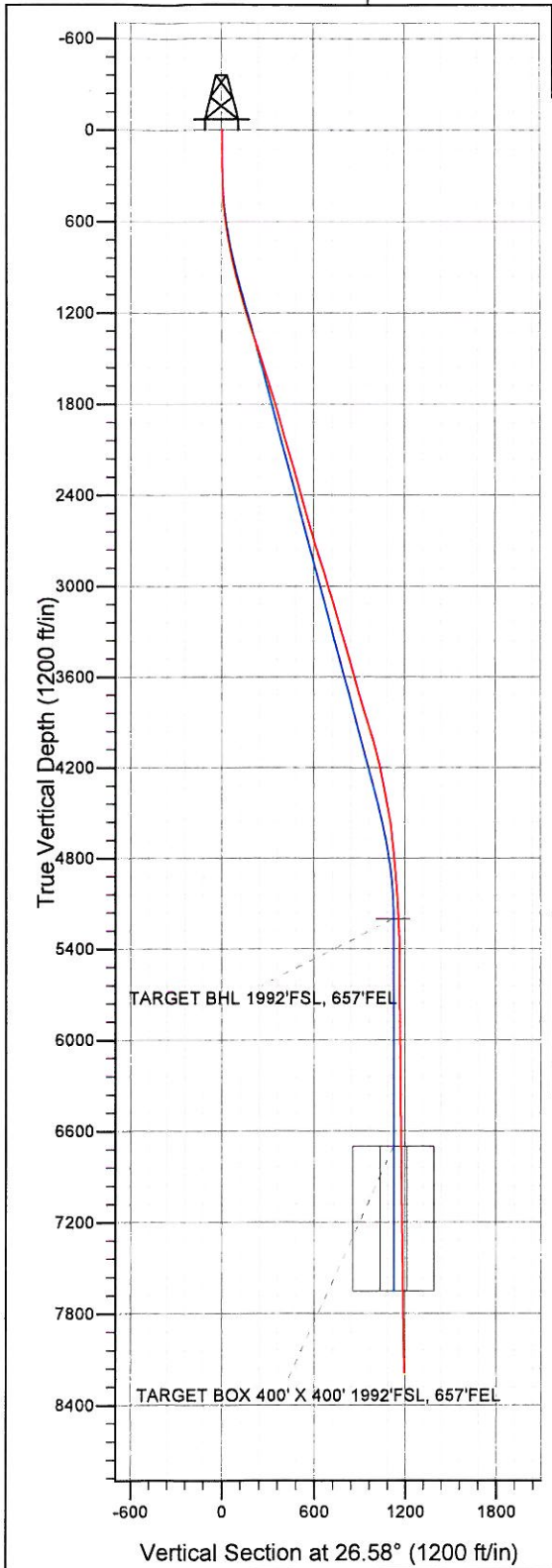


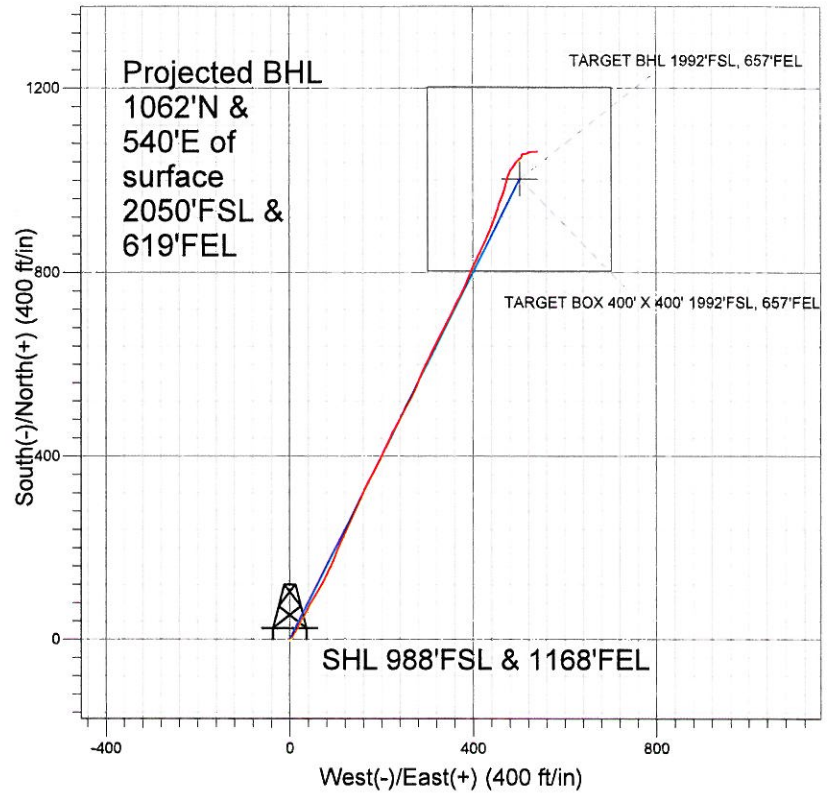


Well Name: **Pratt 43-29D**

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 1249564.49 3133789.43 40° 1' 2.827 N 105° 1' 20.345 W
 Original Well Elev WELL @ 5193.0ft (Original Well Elev)



Synergy Resources



LEGEND

- Pratt 43-29D, Wellbore #1, Plan #3 (1-6-11) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
 8343'MD & 8191'TVD @ 1191' VS
 1.3 deg Inc 83.6 deg AZ

Project: SEC.29-T1N-R68W
 Site: Pratt 34-29D Pad Sec.29-T1N-R68W
 Well: Pratt 43-29D
 Plan: Wellbore #1



Synergy Resources

SEC.29-T1N-R68W

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

Pratt 43-29D

Wellbore #1

Survey: Survey #1

Standard Survey Report

24 January, 2011

Company: Synergy Resources
Project: SEC.29-T1N-R68W
Site: Pratt 34-29D Pad Sec.29-T1N-R68W
Well: Pratt 43-29D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Pratt 43-29D
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

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 43-29D					
Well Position	+N/-S	0.0 ft	Northing:	1,249,564.49 ft	Latitude:	40° 1' 2.827 N
	+E/-W	0.0 ft	Easting:	3,133,789.43 ft	Longitude:	105° 1' 20.345 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	1/14/2011	9.02	66.71	52,942

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 (°)
	5,200.0	0.0	0.0	26.58

Survey Program	Date 1/24/2011				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
211.0	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	
211.0	0.70	90.20	211.0	0.0	1.3	0.6	0.33	0.33	0.00	
303.0	1.40	56.40	303.0	0.6	2.8	1.8	0.99	0.76	-36.74	
398.0	3.10	38.40	397.9	3.3	5.3	5.3	1.92	1.79	-18.95	
492.0	4.40	31.90	491.7	8.3	8.8	11.4	1.45	1.38	-6.91	
586.0	6.40	28.50	585.3	16.0	13.2	20.2	2.15	2.13	-3.62	
680.0	8.90	26.50	678.4	27.1	19.0	32.7	2.67	2.66	-2.13	
774.0	10.90	26.50	771.0	41.6	26.2	48.9	2.13	2.13	0.00	
868.0	13.10	28.50	863.0	58.9	35.2	68.4	2.38	2.34	2.13	
959.0	14.00	28.90	951.4	77.6	45.5	89.7	0.99	0.99	0.44	
1,055.0	14.00	31.80	1,044.6	97.6	57.2	112.9	0.73	0.00	3.02	
1,149.0	16.20	29.20	1,135.3	118.7	69.6	137.3	2.45	2.34	-2.77	
1,242.0	16.90	25.30	1,224.5	142.3	81.7	163.8	1.41	0.75	-4.19	

Company: Synergy Resources
Project: SEC.29-T1N-R68W
Site: Pratt 34-29D Pad Sec.29-T1N-R68W
Well: Pratt 43-29D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Pratt 43-29D
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)
1,336.0	17.90	22.10	1,314.2	168.0	93.0	191.9	1.47	1.06	-3.40
1,429.0	18.50	22.20	1,402.5	194.9	103.9	220.8	0.65	0.65	0.11
1,523.0	18.30	25.80	1,491.7	222.0	116.0	250.5	1.23	-0.21	3.83
1,617.0	18.30	25.10	1,581.0	248.7	128.7	280.0	0.23	0.00	-0.74
1,710.0	16.90	24.00	1,669.6	274.2	140.4	308.1	1.55	-1.51	-1.18
1,804.0	15.80	22.10	1,759.8	298.6	150.7	334.5	1.30	-1.17	-2.02
1,899.0	16.40	23.60	1,851.1	322.9	161.0	360.8	0.77	0.63	1.58
1,993.0	14.60	29.60	1,941.7	345.3	172.1	385.8	2.56	-1.91	6.38
2,086.0	15.70	27.20	2,031.4	366.7	183.7	410.1	1.36	1.18	-2.58
2,180.0	16.30	25.30	2,121.8	389.9	195.1	436.0	0.85	0.64	-2.02
2,274.0	16.40	25.10	2,212.0	413.9	206.4	462.5	0.12	0.11	-0.21
2,368.0	15.30	25.50	2,302.4	437.1	217.4	488.2	1.18	-1.17	0.43
2,461.0	14.90	29.90	2,392.2	458.5	228.6	512.4	1.31	-0.43	4.73
2,554.0	15.40	29.00	2,482.0	479.7	240.6	536.6	0.59	0.54	-0.97
2,648.0	16.40	27.90	2,572.4	502.3	252.8	562.4	1.11	1.06	-1.17
2,742.0	16.40	27.70	2,662.6	525.8	265.2	588.9	0.06	0.00	-0.21
2,836.0	16.50	23.30	2,752.7	549.8	276.7	615.5	1.33	0.11	-4.68
2,929.0	17.20	21.20	2,841.7	574.8	286.9	642.4	1.00	0.75	-2.26
3,023.0	16.50	25.10	2,931.7	599.8	297.5	669.6	1.41	-0.74	4.15
3,117.0	16.50	26.70	3,021.8	623.8	309.2	696.3	0.48	0.00	1.70
3,211.0	16.30	27.00	3,112.0	647.5	321.2	722.8	0.23	-0.21	0.32
3,304.0	16.00	28.90	3,201.3	670.4	333.3	748.7	0.65	-0.32	2.04
3,398.0	15.90	26.20	3,291.7	693.3	345.3	774.5	0.80	-0.11	-2.87
3,492.0	15.90	25.20	3,382.1	716.5	356.4	800.2	0.29	0.00	-1.06
3,586.0	16.20	27.30	3,472.5	739.8	367.9	826.2	0.70	0.32	2.23
3,679.0	15.20	25.30	3,562.0	762.3	379.1	851.4	1.22	-1.08	-2.15
3,773.0	15.70	21.30	3,652.6	785.3	389.0	876.4	1.25	0.53	-4.26
3,867.0	16.40	24.60	3,742.9	809.2	399.1	902.3	1.22	0.74	3.51
3,961.0	16.70	25.60	3,833.0	833.5	410.5	929.0	0.44	0.32	1.06
4,054.0	17.70	24.90	3,921.9	858.4	422.2	956.5	1.10	1.08	-0.75
4,148.0	16.70	23.90	4,011.7	883.7	433.7	984.3	1.11	-1.06	-1.06
4,242.0	15.00	18.30	4,102.1	907.6	443.0	1,009.8	2.43	-1.81	-5.96
4,335.0	12.60	18.70	4,192.4	928.6	450.0	1,031.8	2.58	-2.58	0.43
4,429.0	11.30	17.60	4,284.4	947.1	456.1	1,051.1	1.40	-1.38	-1.17
4,523.0	10.70	23.40	4,376.6	963.9	462.3	1,068.9	1.34	-0.64	6.17
4,617.0	9.80	16.30	4,469.1	979.6	468.0	1,085.5	1.65	-0.96	-7.55
4,711.0	8.00	15.30	4,562.0	993.6	472.0	1,099.7	1.92	-1.91	-1.06
4,805.0	6.70	16.40	4,655.2	1,005.1	475.3	1,111.6	1.39	-1.38	1.17
4,899.0	5.70	23.10	4,748.7	1,014.7	478.7	1,121.6	1.31	-1.06	7.13
4,992.0	5.30	36.60	4,841.3	1,022.4	483.0	1,130.5	1.45	-0.43	14.52
5,086.0	5.10	34.40	4,934.9	1,029.3	488.0	1,138.9	0.30	-0.21	-2.34
5,180.0	4.70	37.70	5,028.5	1,035.8	492.7	1,146.8	0.52	-0.43	3.51
5,273.0	3.70	38.20	5,121.3	1,041.2	496.9	1,153.5	1.08	-1.08	0.54
5,350.4	2.53	49.37	5,198.5	1,044.2	499.7	1,157.5	1.70	-1.51	14.43
TARGET BHL 1992°FSL, 657°FEL									
5,367.0	2.30	53.20	5,215.1	1,044.7	500.3	1,158.1	1.70	-1.39	23.07
5,461.0	1.70	57.00	5,309.1	1,046.6	503.0	1,161.0	0.65	-0.64	4.04
5,555.0	1.10	11.10	5,403.1	1,048.2	504.3	1,163.1	1.30	-0.64	-48.83
5,649.0	0.20	39.30	5,497.1	1,049.2	504.6	1,164.1	0.99	-0.96	30.00
5,837.0	0.60	30.80	5,685.1	1,050.3	505.3	1,165.4	0.21	0.21	-4.52
6,025.0	0.40	20.10	5,873.0	1,051.8	506.0	1,167.0	0.12	-0.11	-5.69
6,212.0	0.60	35.00	6,060.0	1,053.2	506.8	1,168.7	0.13	0.11	7.97
6,399.0	0.40	339.70	6,247.0	1,054.6	507.1	1,170.1	0.27	-0.11	-29.57
6,586.0	0.90	80.40	6,434.0	1,055.5	508.4	1,171.4	0.56	0.27	53.85

Company:	Synergy Resources	Local Co-ordinate Reference:	Well Pratt 43-29D
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 43-29D	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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)
6,774.0	0.90	74.10	6,622.0	1,056.1	511.2	1,173.3	0.05	0.00	-3.35
6,852.6	0.86	72.73	6,700.6	1,056.5	512.4	1,174.1	0.06	-0.05	-1.75
TARGET BOX 400' X 400' 1992'FSL, 657'FEL									
6,961.0	0.80	70.60	6,809.0	1,057.0	513.9	1,175.2	0.06	-0.05	-1.96
7,149.0	1.00	76.00	6,997.0	1,057.8	516.7	1,177.2	0.12	0.11	2.87
7,336.0	0.80	61.80	7,183.9	1,058.8	519.4	1,179.3	0.16	-0.11	-7.59
7,523.0	0.70	70.40	7,370.9	1,059.8	521.7	1,181.2	0.08	-0.05	4.60
7,710.0	1.10	77.20	7,557.9	1,060.6	524.5	1,183.2	0.22	0.21	3.64
7,898.0	1.60	93.70	7,745.8	1,060.8	528.9	1,185.4	0.33	0.27	8.78
8,085.0	1.50	82.40	7,932.8	1,061.0	533.9	1,187.7	0.17	-0.05	-6.04
8,299.0	1.30	83.60	8,146.7	1,061.6	539.1	1,190.6	0.09	-0.09	0.56
8,343.0	1.30	83.60	8,190.7	1,061.7	540.1	1,191.2	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____