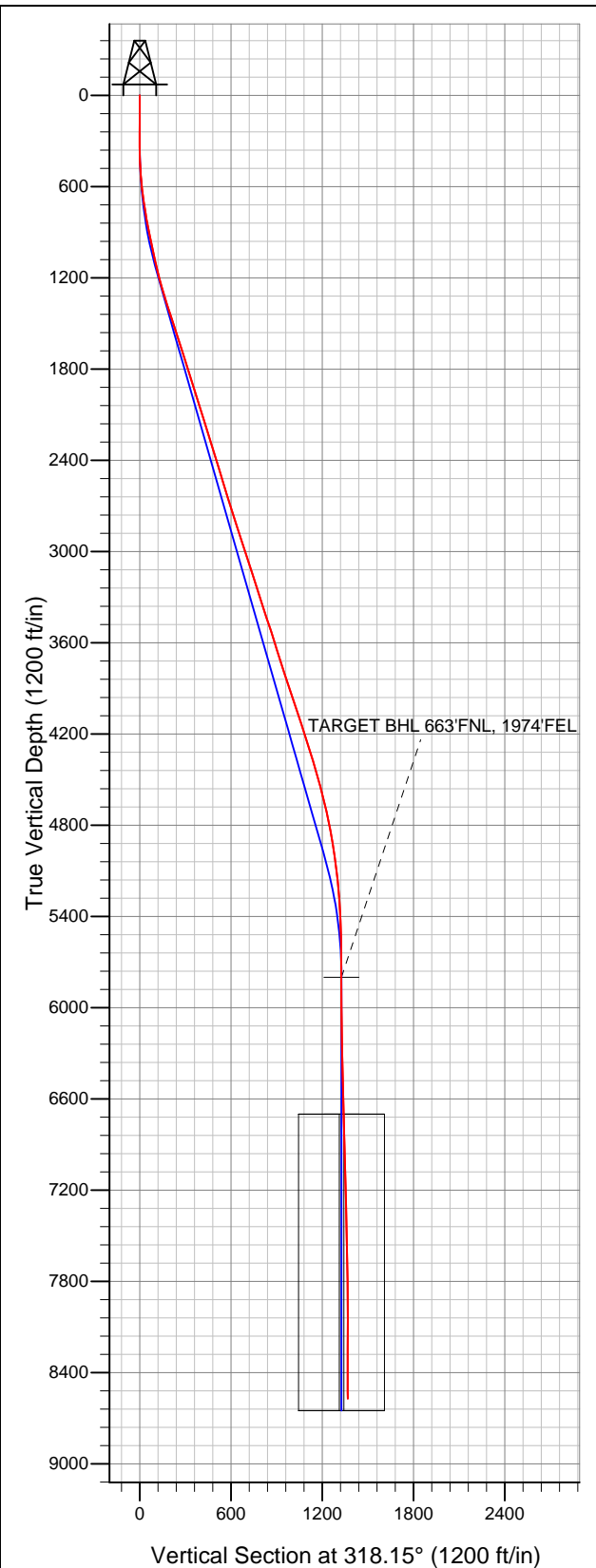


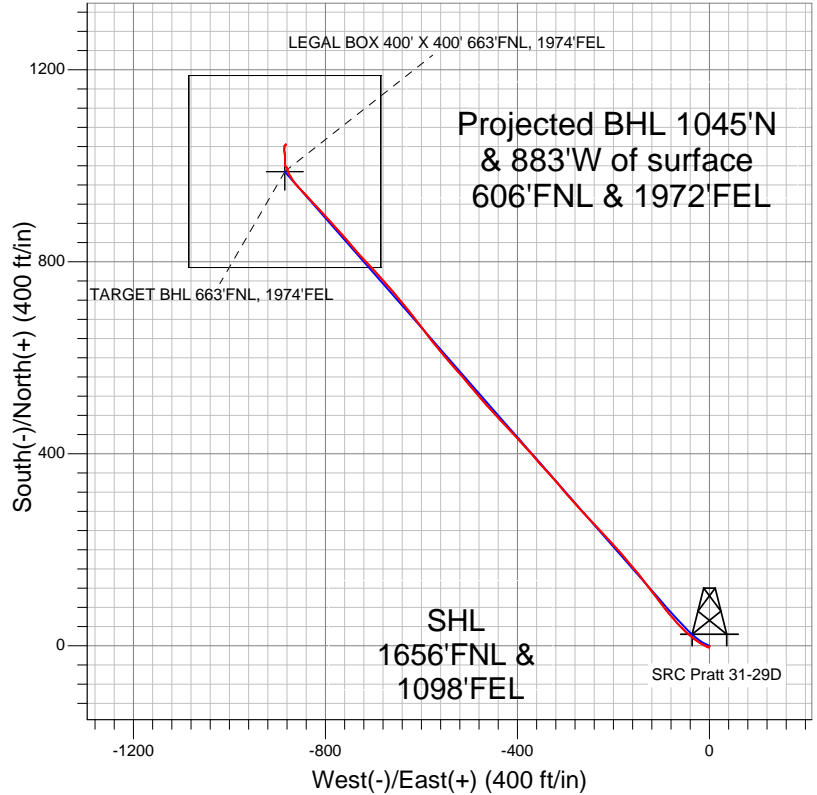
Well Name: SRC Pratt 31-29D

Surface Location: SRC Pratt 41-29D Pad Sec.29-T1N-R68W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 5212.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1252229.36	3133819.61	40.024767	-105.022159	
		Original Well Elev	WELL @ 5225.0ft (Original Well Elev)			



Synergy Resources



LEGEND

- Survey #1
- SRC Pratt 31-29D, Wellbore #1, Plan #3 (4-13-11) V0
- Wellbore #1

Final Survey Plot

Projected Final Survey -
8760'MD & 8571'TVD @ 1368'VS
1.00 deg Inc 332.90 deg AZ

Project: SEC.29-T1N-R68W
Site: SRC Pratt 41-29D Pad Sec.29-T1N-R68W
Well: SRC Pratt 31-29D
Plan: Wellbore #1



Synergy Resources

SEC.29-T1N-R68W

SRC Pratt 41-29D Pad Sec.29-T1N-R68W

SRC Pratt 31-29D

Wellbore #1

Survey: Survey #1

Standard Survey Report

14 February, 2012

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Pratt 31-29D
Project:	SEC.29-T1N-R68W	TVD Reference:	WELL @ 5225.0ft (Original Well Elev)
Site:	SRC Pratt 41-29D Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5225.0ft (Original Well Elev)
Well:	SRC Pratt 31-29D	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										SRC Pratt 41-29D Pad Sec.29-T1N-R68W																			
Site Position:					Northing:					1,252,299.88 ft					Latitude:					40.024960									
From:					Lat/Long					Easting:					3,133,856.76 ft					Longitude:					-105.022025				
Position Uncertainty:					0.0 ft					Slot Radius:					"					Grid Convergence:					0.31 °				

Well	SRC Pratt 31-29D					
Well Position	+N-S	0.0 ft	Northing:	1,252,229.36 ft	Latitude:	40.024767
	+E-W	0.0 ft	Easting:	3,133,819.61 ft	Longitude:	-105.022159
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,212.0 ft

Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/21/2011	9.00	66.71	52,927

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	318.15

Survey Program		Date	5/2/2011		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
248.0	8,760.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey	Survey Data									
	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)
Well A	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	248.0	1.10	192.10	248.0	-2.3	-0.5	-1.4	0.44	0.44	0.00
	340.0	1.00	266.30	340.0	-3.2	-1.5	-1.4	1.38	-0.11	80.65
	435.0	2.80	294.60	434.9	-2.3	-4.4	1.2	2.08	1.89	29.79
	529.0	4.70	297.00	528.7	0.4	-9.9	6.9	2.03	2.02	2.55
	623.0	6.70	302.20	622.2	5.0	-18.0	15.8	2.20	2.13	5.53
	717.0	8.80	303.70	715.4	12.0	-28.6	28.0	2.24	2.23	1.60
	811.0	10.50	311.00	808.1	21.6	-41.1	43.5	2.22	1.81	7.77
	905.0	11.70	314.60	900.3	33.9	-54.3	61.5	1.47	1.28	3.83
	1,023.0	11.60	318.50	1,015.9	51.2	-70.7	85.3	0.67	-0.08	3.31
	1,117.0	12.60	320.70	1,107.8	66.2	-83.5	105.0	1.17	1.06	2.34
	1,211.0	14.70	320.80	1,199.1	83.4	-97.5	127.1	2.23	2.23	0.11
	1,305.0	16.80	323.60	1,289.6	103.5	-113.1	152.6	2.38	2.23	2.98

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Pratt 31-29D
Project:	SEC.29-T1N-R68W	TVD Reference:	WELL @ 5225.0ft (Original Well Elev)
Site:	SRC Pratt 41-29D Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5225.0ft (Original Well Elev)
Well:	SRC Pratt 31-29D	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)	
1,398.0	18.10	322.60	1,378.3	125.8	-129.9	180.4	1.43	1.40	-1.08	
1,492.0	18.20	321.10	1,467.6	148.9	-147.9	209.6	0.51	0.11	-1.60	
1,586.0	18.20	319.70	1,556.9	171.5	-166.7	238.9	0.47	0.00	-1.49	
1,679.0	17.60	319.90	1,645.4	193.3	-185.1	267.5	0.65	-0.65	0.22	
1,773.0	17.30	317.00	1,735.1	214.4	-203.8	295.7	0.98	-0.32	-3.09	
1,868.0	17.50	315.60	1,825.7	234.9	-223.4	324.1	0.49	0.21	-1.47	
1,962.0	17.30	317.90	1,915.4	255.4	-242.7	352.2	0.76	-0.21	2.45	
2,056.0	17.40	316.10	2,005.2	275.9	-261.8	380.2	0.58	0.11	-1.91	
2,149.0	17.90	320.00	2,093.8	296.9	-280.6	408.4	1.38	0.54	4.19	
2,243.0	17.50	319.20	2,183.3	318.6	-299.1	436.9	0.50	-0.43	-0.85	
2,337.0	17.10	319.20	2,273.1	339.8	-317.4	464.9	0.43	-0.43	0.00	
2,430.0	16.50	317.10	2,362.1	359.8	-335.3	491.8	0.92	-0.65	-2.26	
2,524.0	17.10	317.70	2,452.1	379.8	-353.7	518.9	0.66	0.64	0.64	
2,618.0	17.40	320.20	2,541.9	400.8	-372.0	546.8	0.85	0.32	2.66	
2,711.0	17.30	317.90	2,630.7	421.8	-390.2	574.5	0.75	-0.11	-2.47	
2,805.0	17.50	316.00	2,720.4	442.3	-409.4	602.6	0.64	0.21	-2.02	
2,899.0	17.20	317.10	2,810.1	462.7	-428.7	630.6	0.47	-0.32	1.17	
2,993.0	17.80	316.70	2,899.7	483.3	-448.0	658.9	0.65	0.64	-0.43	
3,086.0	18.50	320.00	2,988.1	505.0	-467.2	687.9	1.34	0.75	3.55	
3,180.0	18.40	318.90	3,077.3	527.6	-486.5	717.6	0.39	-0.11	-1.17	
3,274.0	18.10	319.90	3,166.5	549.9	-505.7	747.0	0.46	-0.32	1.06	
3,368.0	17.10	318.50	3,256.1	571.4	-524.3	775.4	1.16	-1.06	-1.49	
3,461.0	18.10	318.80	3,344.8	592.5	-542.8	803.6	1.08	1.08	0.32	
3,555.0	18.50	320.40	3,434.0	615.0	-562.0	833.1	0.68	0.43	1.70	
3,648.0	18.30	322.20	3,522.3	637.9	-580.3	862.4	0.65	-0.22	1.94	
3,742.0	16.40	321.90	3,612.0	660.0	-597.6	890.3	2.02	-2.02	-0.32	
3,836.0	18.70	322.50	3,701.6	682.4	-614.9	918.6	2.45	2.45	0.64	
3,930.0	18.60	321.50	3,790.7	706.1	-633.4	948.6	0.36	-0.11	-1.06	
4,023.0	17.70	320.20	3,879.1	728.6	-651.7	977.5	1.06	-0.97	-1.40	
4,117.0	17.70	318.60	3,968.6	750.3	-670.3	1,006.1	0.52	0.00	-1.70	
4,211.0	19.20	317.30	4,057.8	772.4	-690.2	1,035.8	1.65	1.60	-1.38	
4,305.0	18.20	317.00	4,146.8	794.5	-710.7	1,066.0	1.07	-1.06	-0.32	
4,398.0	18.10	317.70	4,235.2	815.8	-730.4	1,094.9	0.26	-0.11	0.75	
4,492.0	15.90	320.70	4,325.1	836.5	-748.3	1,122.4	2.52	-2.34	3.19	
4,586.0	16.70	318.30	4,415.3	856.6	-765.5	1,148.8	1.11	0.85	-2.55	
4,680.0	16.40	317.70	4,505.4	876.5	-783.4	1,175.6	0.37	-0.32	-0.64	
4,774.0	14.60	317.90	4,596.0	895.1	-800.3	1,200.7	1.92	-1.91	0.21	
4,868.0	12.70	317.20	4,687.3	911.5	-815.2	1,222.9	2.03	-2.02	-0.74	
4,961.0	10.90	317.10	4,778.3	925.4	-828.2	1,241.9	1.94	-1.94	-0.11	
5,055.0	9.80	316.60	4,870.8	937.7	-839.7	1,258.8	1.17	-1.17	-0.53	
5,149.0	9.00	316.90	4,963.6	948.9	-850.2	1,274.1	0.85	-0.85	0.32	
5,243.0	7.80	317.20	5,056.5	959.0	-859.6	1,287.8	1.28	-1.28	0.32	
5,336.0	6.20	325.70	5,148.8	967.7	-866.7	1,299.1	2.05	-1.72	9.14	
5,430.0	4.70	326.90	5,242.4	975.2	-871.7	1,308.0	1.60	-1.60	1.28	
5,524.0	3.60	331.80	5,336.2	981.0	-875.2	1,314.6	1.23	-1.17	5.21	
5,618.0	2.70	333.50	5,430.0	985.6	-877.6	1,319.6	0.96	-0.96	1.81	
5,712.0	1.70	345.80	5,524.0	988.9	-878.9	1,323.0	1.17	-1.06	13.09	
5,806.0	0.30	214.60	5,617.9	990.0	-879.4	1,324.2	2.03	-1.49	-139.57	
5,988.1	0.38	30.50	5,800.0	990.2	-879.3	1,324.3	0.37	0.04	96.62	
TARGET BHL 663'FNL, 1974'FEL										
5,994.0	0.40	30.60	5,805.9	990.2	-879.3	1,324.3	0.37	0.37	1.69	
6,181.0	0.60	358.60	5,992.9	991.7	-879.0	1,325.2	0.18	0.11	-17.11	
6,368.0	1.40	337.10	6,179.9	994.8	-879.9	1,328.1	0.47	0.43	-11.50	
6,555.0	1.20	306.20	6,366.9	998.1	-882.4	1,332.2	0.38	-0.11	-16.52	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Pratt 31-29D
Project:	SEC.29-T1N-R68W	TVD Reference:	WELL @ 5225.0ft (Original Well Elev)
Site:	SRC Pratt 41-29D Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5225.0ft (Original Well Elev)
Well:	SRC Pratt 31-29D	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)	
6,743.0	1.50	349.60	6,554.8	1,001.7	-884.4	1,336.2	0.55	0.16	23.09	
6,887.7	2.03	0.16	6,699.4	1,006.1	-884.8	1,339.7	0.43	0.37	7.30	
LEGAL BOX 400' X 400' 663'FNL, 1974'FEL										
6,931.0	2.20	2.30	6,742.7	1,007.7	-884.7	1,340.9	0.43	0.39	4.95	
7,118.0	1.80	358.50	6,929.6	1,014.2	-884.7	1,345.7	0.23	-0.21	-2.03	
7,306.0	2.20	359.70	7,117.5	1,020.8	-884.8	1,350.7	0.21	0.21	0.64	
7,492.0	1.90	349.40	7,303.4	1,027.4	-885.3	1,356.0	0.25	-0.16	-5.54	
7,678.0	1.80	353.30	7,489.3	1,033.3	-886.3	1,361.0	0.09	-0.05	2.10	
7,866.0	1.30	16.50	7,677.2	1,038.3	-886.0	1,364.5	0.42	-0.27	12.34	
8,053.0	0.70	348.30	7,864.2	1,041.4	-885.6	1,366.6	0.41	-0.32	-15.08	
8,241.0	0.30	90.30	8,052.2	1,042.6	-885.4	1,367.3	0.43	-0.21	54.26	
8,428.0	0.60	72.60	8,239.2	1,042.9	-883.9	1,366.6	0.17	0.16	-9.47	
8,615.0	0.30	54.80	8,426.2	1,043.4	-882.6	1,366.1	0.18	-0.16	-9.52	
8,716.0	1.00	332.90	8,527.2	1,044.4	-882.8	1,366.9	0.99	0.69	-81.09	
8,760.0	1.00	332.90	8,571.1	1,045.1	-883.1	1,367.7	0.00	0.00	0.00	

Checked By: _____	Approved By: _____	Date: _____
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