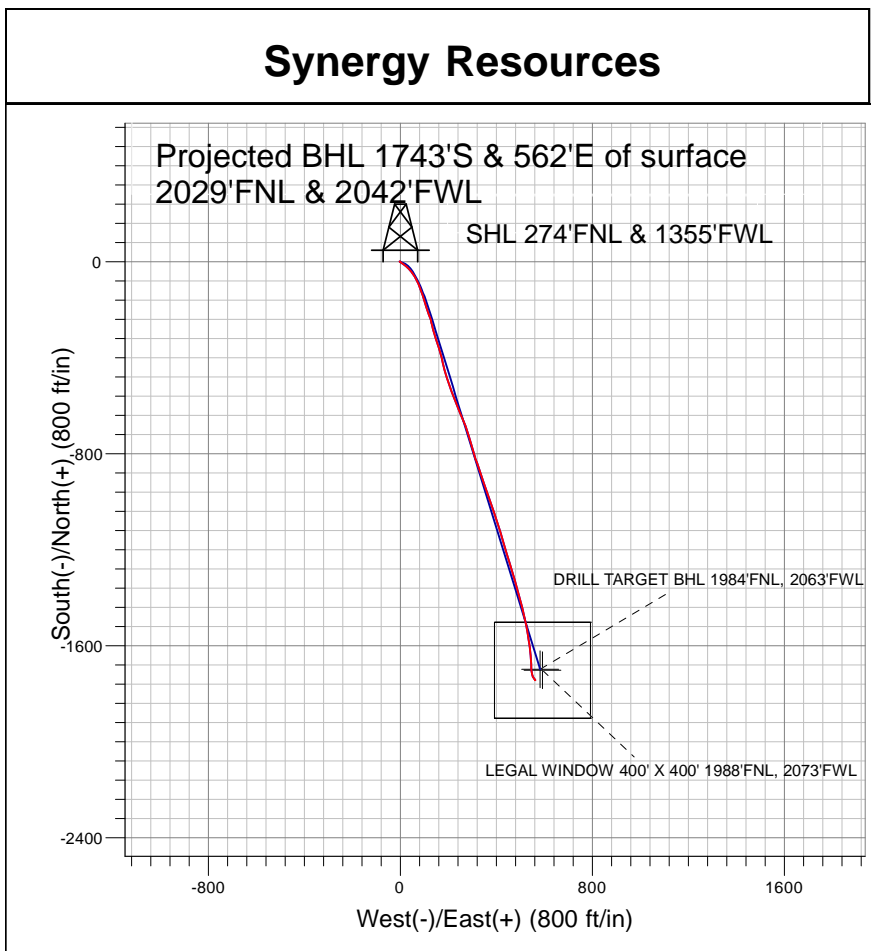
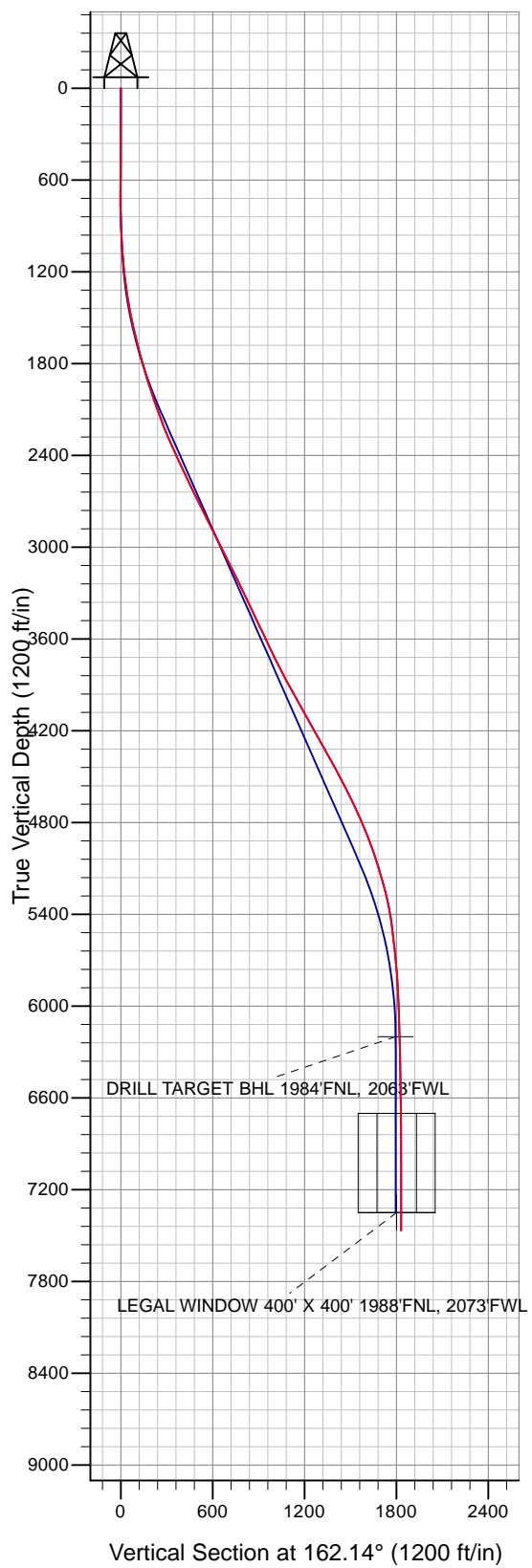





Well Name: SRC TK 22-36D					
Surface Location: SRC TK Pad Sec.36-T7N-R66W					
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone					
Ground Elevation: 4856.0					
+N/-S+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.01439868	31 3213933.05	40° 32' 17.844	N104° 43' 49.033 W	
Original Well Elev WELL @ 4869.0ft (Original Well Elev)					



LEGEND

-  SRC TK 22-36D, SRC TK 22-36D, SRC TK 22-36D Plan #1 V0
-  SRC TK 22-36D
-  Survey #1

Final Survey Plot

Projected Final Survey -
7846'MD & 7468'TVD @ 1831' VS
0.3 deg Inc 296.2 deg AZ

Project: SEC.36-T7N-R66W
Site: SRC TK Pad Sec.36-T7N-R66W
Well: SRC TK 22-36D
Plan: SRC TK 22-36D



Synergy Resources

SEC.36-T7N-R66W

SRC TK Pad Sec.36-T7N-R66W

SRC TK 22-36D

SRC TK 22-36D

Survey: Survey #1

Standard Survey Report

30 March, 2010

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC TK 22-36D
Project:	SEC.36-T7N-R66W	TVD Reference:	WELL @ 4869.0ft (Original Well Elev)
Site:	SRC TK Pad Sec.36-T7N-R66W	MD Reference:	WELL @ 4869.0ft (Original Well Elev)
Well:	SRC TK 22-36D	North Reference:	True
Wellbore:	SRC TK 22-36D	Survey Calculation Method:	Minimum Curvature
Design:	SRC TK 22-36D	Database:	EDM den0-adp01 Server Data

Project	SEC.36-T7N-R66W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site		SRC TK Pad Sec.36-T7N-R66W			
Site Position:		Northing:		1,439,912.06ft	
From:	Lat/Long	Easting:		Longitude:	
		3,213,936.01ft		40° 32' 18.276 N	
Position Uncertainty:		Slot Radius:		104° 43' 48.990 W	
0.0 ft		"		Grid Convergence:	
				0.50 °	

Well	SRC TK 22-36D					
Well Position	+N/-S	0.0 ft	Northing:	1,439,868.31 ft	Latitude:	40° 32' 17.844 N
	+E/-W	0.0 ft	Easting:	3,213,933.05 ft	Longitude:	104° 43' 49.033 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,856.0 ft

Wellbore	SRC TK 22-36D				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/23/2009	9.12	67.25	53,460
	IGRF200510	12/31/2009	9.02	67.23	53,380

Design	SRC TK 22-36D				
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	162.14	

Survey Program		Date	3/30/2010	
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
584.0	7,846.0	Survey #1 (SRC TK 22-36D)	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
584.0	0.50	303.20	584.0	1.4	-2.1	-2.0	0.09	0.09	0.00
678.0	0.50	305.50	678.0	1.9	-2.8	-2.6	0.02	0.00	2.45
772.0	0.80	147.30	772.0	1.5	-2.8	-2.3	1.36	0.32	-168.30
865.0	2.50	124.30	864.9	-0.1	-0.8	-0.1	1.93	1.83	-24.73
959.0	3.40	130.20	958.8	-3.1	3.1	3.9	1.01	0.96	6.28
1,053.0	4.70	125.90	1,052.6	-7.2	8.3	9.4	1.42	1.38	-4.57
1,146.0	6.20	125.90	1,145.2	-12.3	15.5	16.5	1.61	1.61	0.00
1,240.0	8.10	128.30	1,238.4	-19.4	24.8	26.1	2.05	2.02	2.55
1,334.0	9.50	134.50	1,331.3	-29.0	35.5	38.5	1.80	1.49	6.60
1,427.0	10.70	143.10	1,422.9	-41.2	46.2	53.4	2.07	1.29	9.25
1,521.0	12.60	146.80	1,514.9	-56.8	57.0	71.6	2.17	2.02	3.94

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC TK 22-36D
Project:	SEC.36-T7N-R66W	TVD Reference:	WELL @ 4869.0ft (Original Well Elev)
Site:	SRC TK Pad Sec.36-T7N-R66W	MD Reference:	WELL @ 4869.0ft (Original Well Elev)
Well:	SRC TK 22-36D	North Reference:	True
Wellbore:	SRC TK 22-36D	Survey Calculation Method:	Minimum Curvature
Design:	SRC TK 22-36D	Database:	EDM den0-adp01 Server Data

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)	
1,615.0	13.40	153.40	1,606.5	-75.1	67.5	92.2	1.79	0.85	7.02	
1,708.0	14.50	156.70	1,696.8	-95.5	76.9	114.4	1.46	1.18	3.55	
1,802.0	15.60	161.70	1,787.6	-118.3	85.6	138.8	1.81	1.17	5.32	
1,896.0	16.40	159.10	1,877.9	-142.7	94.3	164.7	1.14	0.85	-2.77	
1,989.0	18.50	164.80	1,966.7	-169.2	102.8	192.6	2.91	2.26	6.13	
2,083.0	19.30	161.20	2,055.6	-198.3	111.7	223.0	1.50	0.85	-3.83	
2,177.0	20.30	160.50	2,144.0	-228.3	122.2	254.8	1.09	1.06	-0.74	
2,271.0	22.00	168.00	2,231.7	-260.9	131.3	288.6	3.40	1.81	7.98	
2,364.0	24.70	163.10	2,317.1	-296.6	140.6	325.4	3.57	2.90	-5.27	
2,458.0	23.80	160.30	2,402.8	-333.2	152.7	364.0	1.55	-0.96	-2.98	
2,552.0	24.80	164.70	2,488.5	-370.1	164.3	402.7	2.20	1.06	4.68	
2,645.0	25.20	167.20	2,572.8	-408.2	173.8	441.9	1.21	0.43	2.69	
2,739.0	27.10	164.60	2,657.1	-448.4	183.9	483.2	2.36	2.02	-2.77	
2,833.0	25.60	161.60	2,741.4	-488.3	196.0	524.9	2.13	-1.60	-3.19	
2,926.0	27.00	160.90	2,824.8	-527.3	209.3	566.1	1.54	1.51	-0.75	
3,020.0	26.50	159.80	2,908.7	-567.2	223.5	608.4	0.75	-0.53	-1.17	
3,114.0	28.40	156.40	2,992.1	-607.3	239.7	651.6	2.62	2.02	-3.62	
3,207.0	26.00	156.00	3,074.8	-646.2	256.8	693.9	2.59	-2.58	-0.43	
3,301.0	25.10	161.50	3,159.6	-684.0	271.5	734.3	2.70	-0.96	5.85	
3,395.0	26.50	161.80	3,244.3	-722.8	284.4	775.2	1.50	1.49	0.32	
3,489.0	26.30	164.40	3,328.5	-762.8	296.6	817.0	1.25	-0.21	2.77	
3,582.0	24.90	163.60	3,412.3	-801.4	307.6	857.1	1.55	-1.51	-0.86	
3,676.0	25.50	160.10	3,497.4	-839.4	320.1	897.1	1.71	0.64	-3.72	
3,770.0	25.60	161.30	3,582.2	-877.7	333.5	937.7	0.56	0.11	1.28	
3,863.0	25.70	160.30	3,666.0	-915.7	346.8	977.9	0.48	0.11	-1.08	
3,957.0	25.80	162.30	3,750.7	-954.4	359.8	1,018.7	0.93	0.11	2.13	
4,051.0	27.20	161.00	3,834.8	-994.2	373.1	1,060.7	1.61	1.49	-1.38	
4,144.0	28.20	160.40	3,917.2	-1,035.0	387.3	1,103.9	1.12	1.08	-0.65	
4,238.0	29.50	162.00	3,999.5	-1,077.9	401.9	1,149.2	1.61	1.38	1.70	
4,332.0	30.40	163.90	4,080.9	-1,122.8	415.7	1,196.2	1.39	0.96	2.02	
4,425.0	30.30	163.10	4,161.2	-1,167.8	429.0	1,243.1	0.45	-0.11	-0.86	
4,519.0	29.30	163.00	4,242.8	-1,212.5	442.7	1,289.8	1.07	-1.06	-0.11	
4,613.0	28.30	164.00	4,325.1	-1,255.9	455.5	1,335.1	1.18	-1.06	1.06	
4,706.0	28.90	163.30	4,406.8	-1,298.7	468.1	1,379.6	0.74	0.65	-0.75	
4,800.0	28.00	163.70	4,489.4	-1,341.6	480.8	1,424.4	0.98	-0.96	0.43	
4,894.0	27.00	164.20	4,572.8	-1,383.3	492.8	1,467.8	1.09	-1.06	0.53	
4,988.0	25.40	165.80	4,657.2	-1,423.4	503.5	1,509.2	1.86	-1.70	1.70	
5,082.0	24.40	166.90	4,742.4	-1,461.8	512.9	1,548.7	1.17	-1.06	1.17	
5,176.0	22.60	167.80	4,828.6	-1,498.4	521.1	1,586.0	1.95	-1.91	0.96	
5,270.0	21.10	169.30	4,915.9	-1,532.7	528.1	1,620.8	1.70	-1.60	1.60	
5,364.0	18.90	171.50	5,004.2	-1,564.4	533.5	1,652.6	2.47	-2.34	2.34	
5,457.0	18.20	171.80	5,092.4	-1,593.6	537.8	1,681.8	0.76	-0.75	0.32	
5,551.0	16.30	173.90	5,182.1	-1,621.3	541.3	1,709.2	2.13	-2.02	2.23	
5,645.0	13.90	175.10	5,272.9	-1,645.7	543.6	1,733.1	2.57	-2.55	1.28	
5,739.0	10.90	177.30	5,364.7	-1,665.8	545.0	1,752.7	3.23	-3.19	2.34	
5,833.0	8.40	178.80	5,457.3	-1,681.5	545.6	1,767.8	2.67	-2.66	1.60	
5,927.0	6.70	177.20	5,550.5	-1,693.9	546.0	1,779.7	1.82	-1.81	-1.70	
6,021.0	5.80	172.30	5,644.0	-1,704.1	546.9	1,789.7	1.11	-0.96	-5.21	
6,115.0	5.40	169.30	5,737.5	-1,713.1	548.3	1,798.7	0.53	-0.43	-3.19	
6,209.0	3.90	165.10	5,831.2	-1,720.6	550.0	1,806.3	1.64	-1.60	-4.47	
6,302.0	2.80	167.10	5,924.0	-1,725.8	551.3	1,811.7	1.19	-1.18	2.15	
6,396.0	1.60	146.00	6,018.0	-1,729.2	552.5	1,815.3	1.52	-1.28	-22.45	
6,490.0	1.60	144.80	6,111.9	-1,731.3	554.0	1,817.8	0.04	0.00	-1.28	
6,577.7	1.60	145.45	6,199.6	-1,733.3	555.4	1,820.1	0.02	0.00	0.74	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC TK 22-36D
Project:	SEC.36-T7N-R66W	TVD Reference:	WELL @ 4869.0ft (Original Well Elev)
Site:	SRC TK Pad Sec.36-T7N-R66W	MD Reference:	WELL @ 4869.0ft (Original Well Elev)
Well:	SRC TK 22-36D	North Reference:	True
Wellbore:	SRC TK 22-36D	Survey Calculation Method:	Minimum Curvature
Design:	SRC TK 22-36D	Database:	EDM den0-adp01 Server Data

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)
DRILL TARGET BHL 1984'FNL, 2063'FWL									
6,584.0	1.60	145.50	6,205.9	-1,733.5	555.5	1,820.3	0.02	0.00	0.74
6,677.0	1.70	151.20	6,298.9	-1,735.7	556.9	1,822.9	0.21	0.11	6.13
6,771.0	1.20	146.80	6,392.8	-1,737.8	558.1	1,825.2	0.54	-0.53	-4.68
6,865.0	1.10	135.10	6,486.8	-1,739.3	559.3	1,827.0	0.27	-0.11	-12.45
6,958.0	0.60	135.10	6,579.8	-1,740.2	560.3	1,828.2	0.54	-0.54	0.00
7,083.0	0.40	136.20	6,704.8	-1,741.0	561.1	1,829.2	0.16	-0.16	0.88
7,208.0	0.40	130.70	6,829.8	-1,741.6	561.7	1,829.9	0.03	0.00	-4.40
7,333.0	0.30	119.90	6,954.8	-1,742.1	562.3	1,830.6	0.10	-0.08	-8.64
7,458.0	0.30	165.20	7,079.8	-1,742.5	562.7	1,831.1	0.18	0.00	36.24
7,583.0	0.30	254.20	7,204.8	-1,742.9	562.4	1,831.4	0.34	0.00	71.20
7,708.0	0.10	288.60	7,329.8	-1,743.0	562.0	1,831.4	0.18	-0.16	27.52
7,728.2	0.14	292.05	7,350.0	-1,743.0	562.0	1,831.3	0.22	0.21	17.10
LEGAL WINDOW 400' X 400' 1988'FNL, 2073'FWL									
7,801.0	0.30	296.20	7,422.8	-1,742.9	561.7	1,831.2	0.22	0.22	5.70
7,846.0	0.30	296.20	7,467.8	-1,742.8	561.5	1,831.0	0.00	0.00	0.00

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
DRILL TARGET BHL	0.00	0.00	6,200.0	-1,697.6	582.5	1,438,175.92	3,214,530.28	40° 32' 1.070 N	104° 43' 41.489 W
- survey misses target center by 44.9ft at 6577.7ft MD (6199.6 TVD, -1733.3 N, 555.4 E)									
- Point									
LEGAL WINDOW 40C	0.00	0.00	7,350.0	-1,701.6	592.5	1,438,171.97	3,214,540.28	40° 32' 1.030 N	104° 43' 41.360 W
- survey misses target center by 51.4ft at 7728.2ft MD (7350.0 TVD, -1743.0 N, 562.0 E)									
- Rectangle (sides W400.0 H400.0 D0.0)									

Checked By: _____	Approved By: _____	Date: _____
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