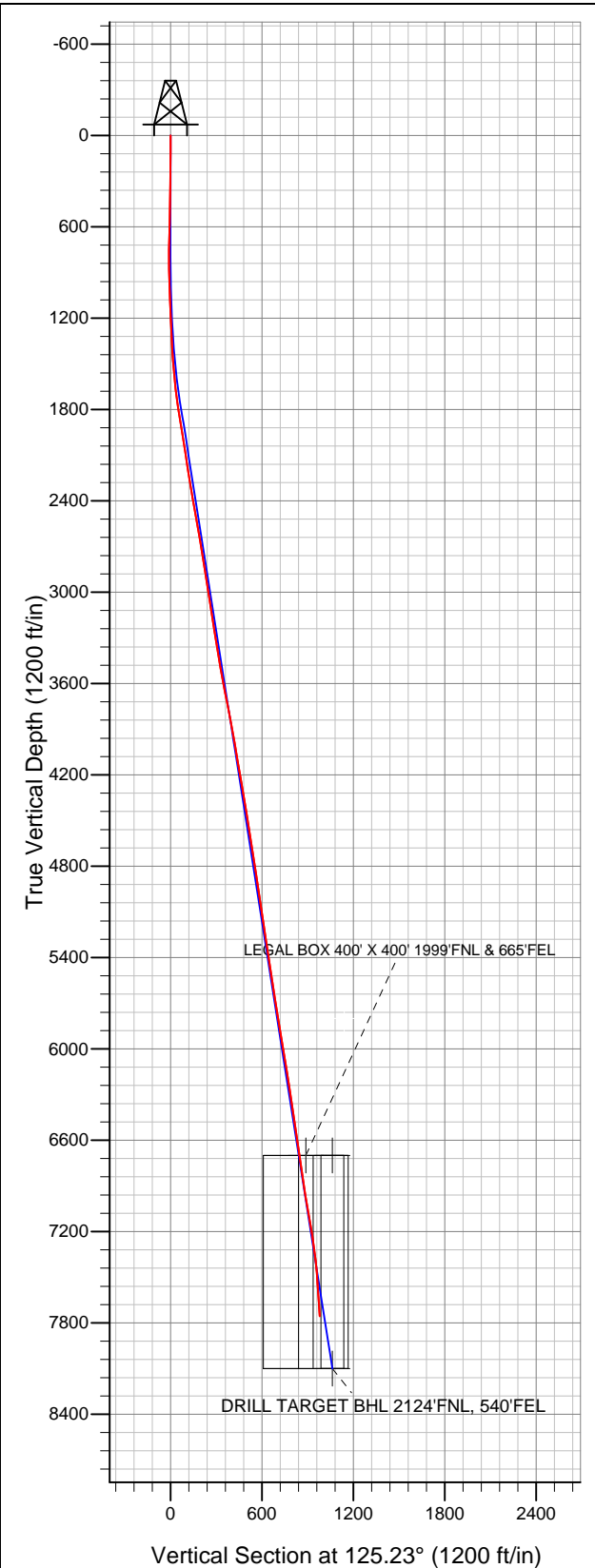


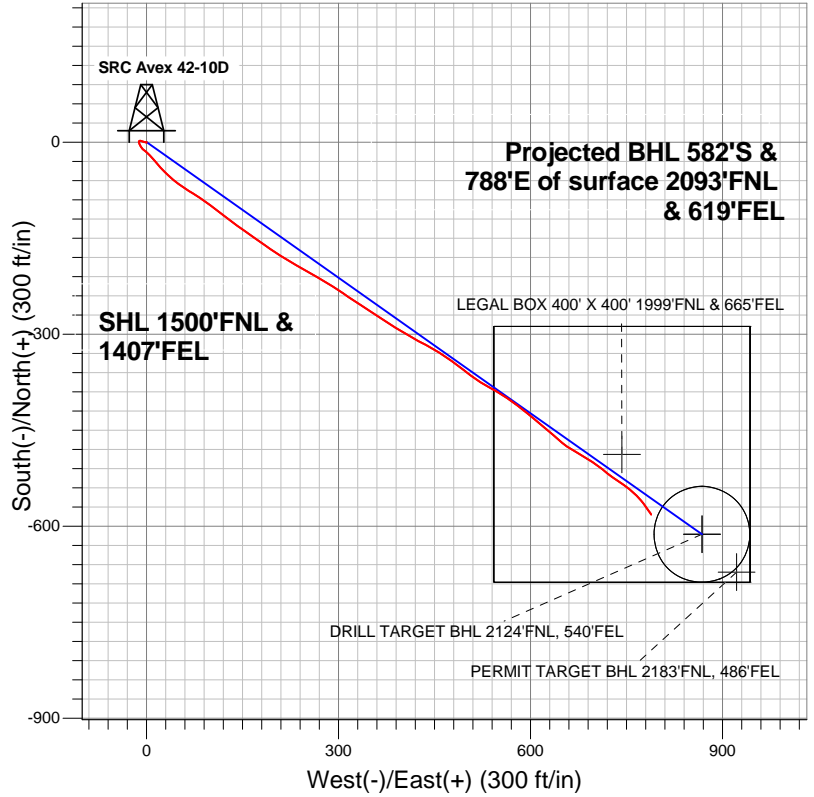
Well Name: SRC Avex 42-10D

Surface Location: SRC Avex 42-10D Pad Sec.10-T4N-R68W
North American Datum 1983 US State Plane 1983Colorado Northern Zone
Ground Elevation: 5038.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1363966.98	3143626.35	40.331345	-104.984824	
		Original Well Elev				WELL @ 5051.0ft (Original Well Elev)



Synergy Resources



LEGEND

- Wellbore #1
- SRC Avex 42-10D, Wellbore #1, Plan #1 (7-12-11) V0
- Survey #1

Final Survey Plot

Projected Final Survey -
7833'MD & 7756'TVD @ 980°VS
3.90 deg Inc 147.90 deg AZ

Project: SEC.10-T4N-R68W
Site: SRC Avex 42-10D Pad Sec.10-T4N-R68W
Well: SRC Avex 42-10D
Plan: Wellbore #1



Synergy Resources

SEC.10-T4N-R68W

SRC Avex 42-10D Pad Sec.10-T4N-R68W

SRC Avex 42-10D

Wellbore #1

Survey: Survey #1

Standard Survey Report

21 September, 2012

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Avex 42-10D
Project:	SEC.10-T4N-R68W	TVD Reference:	WELL @ 5051.0ft (Original Well Elev)
Site:	SRC Avex 42-10D Pad Sec.10-T4N-R68W	MD Reference:	WELL @ 5051.0ft (Original Well Elev)
Well:	SRC Avex 42-10D	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.10-T4N-R68W, 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 Avex 42-10D Pad Sec.10-T4N-R68W			
Site Position:		Northing:		1,363,966.99ft	
From:	Lat/Long	Easting:		Longitude:	
		3,143,626.35ft		-104.984824	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
0.0 ft		"		0.33 °	

Well	SRC Avex 42-10D					
Well Position	+N/-S	0.0 ft	Northing:	1,363,966.98 ft	Latitude:	40.331345
	+E/-W	0.0 ft	Easting:	3,143,626.35 ft	Longitude:	-104.984824
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,038.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/17/2012	8.81	66.92	52,937

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	125.23	

Survey Program		Date	9/21/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
109.0	7,833.0	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
109.0	0.40	164.00	109.0	-0.4	0.1	0.3	0.37	0.37	0.00
319.0	0.90	291.50	319.0	-0.5	-1.2	-0.7	0.57	0.24	60.71
574.0	1.50	286.00	573.9	1.2	-6.3	-5.8	0.24	0.24	-2.16
686.0	1.60	286.20	685.9	2.0	-9.2	-8.7	0.09	0.09	0.18
814.0	1.20	211.30	813.9	1.4	-11.6	-10.3	1.35	-0.31	-58.52
943.0	2.50	157.70	942.8	-2.4	-11.3	-7.8	1.58	1.01	-41.55
1,071.0	2.10	152.20	1,070.7	-7.0	-9.1	-3.4	0.36	-0.31	-4.30
1,199.0	2.40	128.30	1,198.6	-10.8	-5.9	1.4	0.76	0.23	-18.67
1,327.0	2.80	130.30	1,326.5	-14.5	-1.4	7.2	0.32	0.31	1.56
1,456.0	4.10	136.80	1,455.2	-19.9	4.1	14.8	1.05	1.01	5.04
1,584.0	5.60	137.70	1,582.8	-27.8	11.5	25.4	1.17	1.17	0.70
1,712.0	7.00	139.90	1,710.0	-38.4	20.7	39.1	1.11	1.09	1.72

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Avex 42-10D
Project:	SEC.10-T4N-R68W	TVD Reference:	WELL @ 5051.0ft (Original Well Elev)
Site:	SRC Avex 42-10D Pad Sec.10-T4N-R68W	MD Reference:	WELL @ 5051.0ft (Original Well Elev)
Well:	SRC Avex 42-10D	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)	
1,840.0	9.70	133.40	1,836.6	-51.8	33.6	57.3	2.23	2.11	-5.08	
1,969.0	9.10	125.00	1,963.9	-65.1	49.8	78.2	1.16	-0.47	-6.51	
2,097.0	8.80	123.20	2,090.3	-76.3	66.3	98.1	0.32	-0.23	-1.41	
2,225.0	8.90	122.40	2,216.8	-86.9	82.9	117.8	0.12	0.08	-0.63	
2,353.0	9.80	126.90	2,343.1	-98.8	99.9	138.6	0.91	0.70	3.52	
2,482.0	10.10	127.60	2,470.2	-112.3	117.7	160.9	0.25	0.23	0.54	
2,610.0	9.80	126.90	2,596.3	-125.7	135.3	183.0	0.25	-0.23	-0.55	
2,738.0	9.40	125.20	2,722.5	-138.2	152.5	204.3	0.38	-0.31	-1.33	
2,866.0	8.60	125.40	2,848.9	-149.8	168.9	224.3	0.63	-0.63	0.16	
2,995.0	9.30	125.00	2,976.3	-161.4	185.3	244.4	0.54	0.54	-0.31	
3,123.0	9.00	123.10	3,102.7	-172.8	202.1	264.8	0.33	-0.23	-1.48	
3,251.0	8.40	120.80	3,229.2	-183.0	218.5	284.1	0.54	-0.47	-1.80	
3,379.0	9.60	121.10	3,355.6	-193.3	235.7	304.1	0.94	0.94	0.23	
3,508.0	9.90	118.50	3,482.8	-204.2	254.7	325.8	0.41	0.23	-2.02	
3,636.0	10.60	120.80	3,608.7	-215.4	274.5	348.5	0.63	0.55	1.80	
3,764.0	11.40	123.60	3,734.4	-228.5	295.1	372.8	0.75	0.63	2.19	
3,892.0	10.40	123.40	3,860.1	-241.8	315.3	397.0	0.78	-0.78	-0.16	
4,021.0	10.20	123.40	3,987.0	-254.5	334.5	420.1	0.16	-0.16	0.00	
4,149.0	9.50	122.70	4,113.1	-266.5	352.9	442.0	0.55	-0.55	-0.55	
4,277.0	9.80	123.90	4,239.3	-278.3	370.8	463.4	0.28	0.23	0.94	
4,405.0	9.80	121.80	4,365.4	-290.1	389.1	485.2	0.28	0.00	-1.64	
4,534.0	9.40	119.60	4,492.6	-301.1	407.6	506.6	0.42	-0.31	-1.71	
4,662.0	8.50	119.90	4,619.1	-310.9	424.9	526.4	0.70	-0.70	0.23	
4,790.0	8.50	117.60	4,745.7	-320.0	441.5	545.2	0.27	0.00	-1.80	
4,918.0	8.20	121.10	4,872.3	-329.1	457.7	563.7	0.46	-0.23	2.73	
5,047.0	9.30	125.40	4,999.8	-339.9	474.1	583.3	0.99	0.85	3.33	
5,175.0	9.10	129.00	5,126.1	-352.3	490.4	603.8	0.48	-0.16	2.81	
5,303.0	8.70	126.60	5,252.6	-364.4	506.0	623.5	0.43	-0.31	-1.88	
5,431.0	8.40	121.70	5,379.2	-375.1	521.7	642.6	0.62	-0.23	-3.83	
5,560.0	7.60	118.50	5,506.9	-384.1	537.2	660.4	0.71	-0.62	-2.48	
5,688.0	9.60	121.50	5,633.5	-393.7	553.8	679.5	1.60	1.56	2.34	
5,816.0	8.90	126.60	5,759.8	-405.2	570.8	700.0	0.84	-0.55	3.98	
5,926.5	9.50	127.65	5,868.9	-415.9	584.9	717.7	0.57	0.55	0.95	
PERMIT TARGET BHL 2183'FNL, 486'FEL										
5,944.0	9.60	127.80	5,886.2	-417.7	587.2	720.6	0.57	0.55	0.88	
6,073.0	9.10	130.10	6,013.4	-430.8	603.5	741.5	0.48	-0.39	1.78	
6,201.0	9.60	128.70	6,139.7	-444.0	619.6	762.2	0.43	0.39	-1.09	
6,329.0	8.80	132.40	6,266.1	-457.3	635.1	782.6	0.78	-0.63	2.89	
6,457.0	8.40	130.30	6,392.7	-470.0	649.5	801.6	0.40	-0.31	-1.64	
6,586.0	8.30	119.70	6,520.3	-480.7	664.8	820.3	1.19	-0.08	-8.22	
6,714.0	8.60	119.90	6,646.9	-490.0	681.1	839.0	0.24	0.23	0.16	
6,774.1	8.55	121.77	6,706.3	-494.6	688.8	848.0	0.47	-0.09	3.11	
LEGAL BOX 400' X 400' 1999'FNL & 665'FEL										
6,799.6	8.53	122.57	6,731.6	-496.6	692.0	851.7	0.47	-0.08	3.13	
TARGET CIRCLE 2124'FNL & 540'FEL										
6,842.0	8.50	123.90	6,773.5	-500.1	697.3	858.0	0.47	-0.07	3.15	
6,970.0	8.30	130.80	6,900.1	-511.4	712.1	876.7	0.80	-0.16	5.39	
7,099.0	9.40	123.40	7,027.6	-523.3	727.9	896.5	1.23	0.85	-5.74	
7,227.0	10.10	125.90	7,153.7	-535.6	745.8	918.1	0.64	0.55	1.95	
7,355.0	8.40	132.70	7,280.1	-548.5	761.7	938.6	1.58	-1.33	5.31	
7,483.0	5.80	141.30	7,407.1	-559.9	772.6	954.1	2.19	-2.03	6.72	
7,612.0	4.20	144.30	7,535.6	-568.8	779.5	964.8	1.26	-1.24	2.33	
7,740.0	4.20	144.50	7,663.2	-576.4	784.9	973.7	0.01	0.00	0.16	
7,788.0	3.90	147.90	7,711.1	-579.3	786.8	976.9	0.80	-0.63	7.08	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Avex 42-10D
Project:	SEC.10-T4N-R68W	TVD Reference:	WELL @ 5051.0ft (Original Well Elev)
Site:	SRC Avex 42-10D Pad Sec.10-T4N-R68W	MD Reference:	WELL @ 5051.0ft (Original Well Elev)
Well:	SRC Avex 42-10D	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)
7,833.0	3.90	147.90	7,756.0	-581.9	788.4	979.7	0.00	0.00	0.00
DRILL TARGET BHL 2124'FNL, 540'FEL									

Checked By: _____	Approved By: _____	Date: _____
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