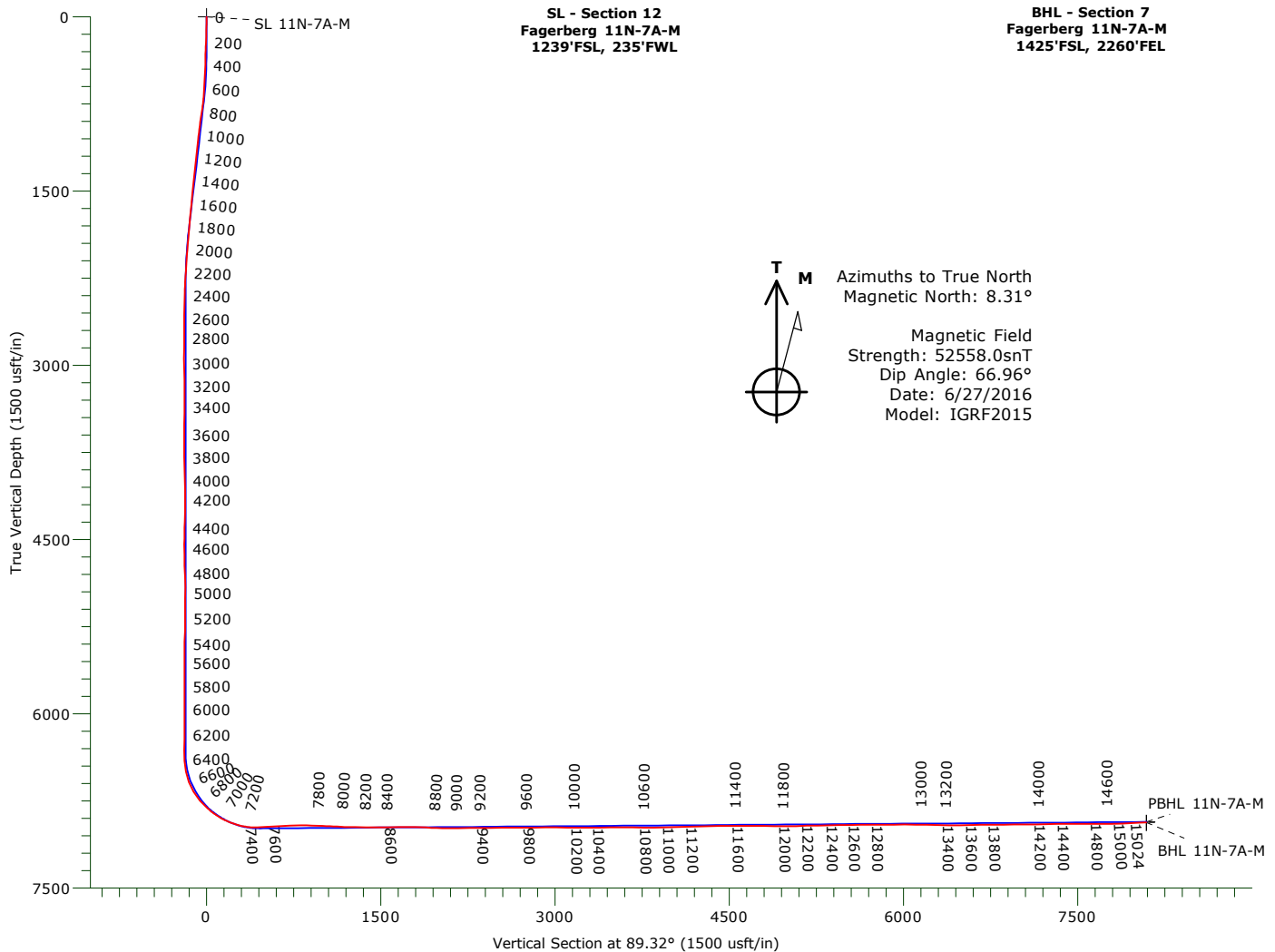
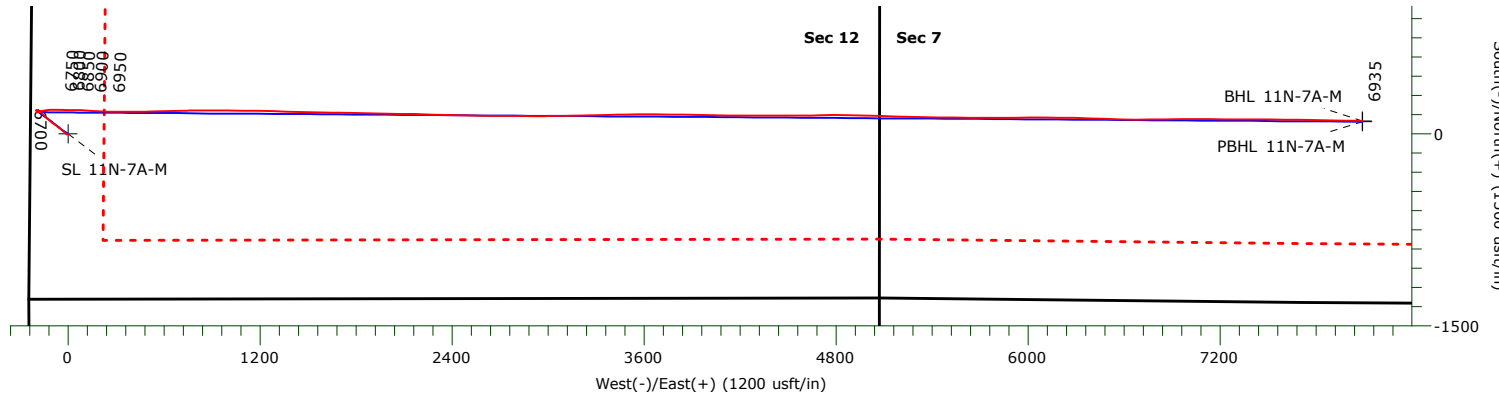




SYNERGY RESOURCES CORP.

Project: Weld County, CO NAD 83
Site: SRC Fagerberg 33-12 Pad
Well: Fagerberg 11N-7A-M
Wellbore: Original Hole
Design: Original Hole



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SL 11N-7A-M	0.00	0.00	0.00	1425587.83	3212989.89	40.499115°N	104.734124°W	Point
PBHL 11N-7A-M	6931.00	95.71	8091.38	1425753.42	3221080.14	40.499374°N	104.705029°W	Point
BHL 11N-7A-M	6934.92	101.06	8090.37	1425758.76	3221079.09	40.499389°N	104.705033°W	Point

SYNERGY RESOURCES CORP.

**Weld County, CO NAD 83
SRC Fagerberg 33-12 Pad
Fagerberg 11N-7A-M**

Original Hole

Design: Original Hole

Standard Survey Report

07 July, 2016

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Fagerberg 11N-7A-M
Project:	Weld County, CO NAD 83	TVD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Site:	SRC Fagerberg 33-12 Pad	MD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Well:	Fagerberg 11N-7A-M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	COMPASS_ROCKIES

Project	Weld County, CO NAD 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	SRC Fagerberg 33-12 Pad				
Site Position:		Northing:	1,425,367.82 usft	Latitude:	40.498511°N
From:	Lat/Long	Easting:	3,212,990.13 usft	Longitude:	104.734130°W
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence:	0.49 °

Well	Fagerberg 11N-7A-M					
Well Position	+N-S	0.00 usft	Northing:	1,425,587.83 usft	Latitude:	40.499115°N
	+E-W	0.00 usft	Easting:	3,212,989.89 usft	Longitude:	104.734124°W
Position Uncertainty		3.28 usft	Wellhead Elevation:	0.00 usft	Ground Level:	4,800.00 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/27/2016	8.31	66.96	52,558

Design	Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	89.32	

Survey Program	Date 7/7/2016				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
170.00	14,957.00	Survey #1 (Original Hole)	MWD	Fixed:v2:standard declination	
15,024.00	15,024.00	Survey #2 (Original Hole)	BLIND	OWSG BLIND	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
170.00	2.90	236.65	169.93	-2.36	-3.59	-3.62	1.71	1.71	0.00	
228.00	2.46	245.26	227.86	-3.69	-5.95	-5.99	1.03	-0.76	14.84	
320.00	1.41	318.56	319.82	-3.67	-8.49	-8.53	2.67	-1.14	79.67	
414.00	3.08	321.73	413.75	-0.82	-10.82	-10.83	1.78	1.78	3.37	
507.00	4.92	319.62	506.52	4.18	-14.95	-14.90	1.98	1.98	-2.27	
600.00	6.16	321.02	599.08	11.10	-20.68	-20.54	1.34	1.33	1.51	
693.00	5.36	318.56	691.61	18.23	-26.69	-26.47	0.90	-0.86	-2.65	
785.00	11.78	314.17	782.54	28.01	-36.28	-35.94	7.01	6.98	-4.77	
879.00	12.49	316.28	874.44	42.04	-50.19	-49.68	0.89	0.76	2.24	

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Fagerberg 11N-7A-M
Project:	Weld County, CO NAD 83	TVD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Site:	SRC Fagerberg 33-12 Pad	MD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Well:	Fagerberg 11N-7A-M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	COMPASS_ROCKIES

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
973.00	10.11	317.68	966.61	55.49	-62.77	-62.11	2.55	-2.53	1.49
1,066.00	8.27	312.59	1,058.41	66.05	-73.19	-72.40	2.16	-1.98	-5.47
1,159.00	8.44	309.77	1,150.42	74.94	-83.36	-82.46	0.48	0.18	-3.03
1,252.00	9.06	312.06	1,242.34	84.21	-94.04	-93.04	0.76	0.67	2.46
1,345.00	8.35	315.93	1,334.27	93.97	-104.18	-103.05	0.99	-0.76	4.16
1,440.00	8.27	315.40	1,428.27	103.79	-113.77	-112.53	0.12	-0.08	-0.56
1,534.00	8.53	318.04	1,521.26	113.79	-123.18	-121.82	0.49	0.28	2.81
1,627.00	8.88	319.97	1,613.19	124.42	-132.41	-130.92	0.49	0.38	2.08
1,720.00	7.91	321.38	1,705.20	134.91	-141.02	-139.41	1.07	-1.04	1.52
1,838.00	8.09	319.27	1,822.05	147.55	-151.50	-149.74	0.29	0.15	-1.79
1,931.00	8.71	323.31	1,914.05	158.15	-159.98	-158.09	0.92	0.67	4.34
2,025.00	7.56	322.78	2,007.10	168.78	-167.97	-165.96	1.23	-1.22	-0.56
2,118.00	5.98	313.29	2,099.45	176.98	-175.20	-173.09	2.08	-1.70	-10.20
2,210.00	4.13	312.94	2,191.09	182.52	-181.12	-178.94	2.01	-2.01	-0.38
2,302.00	3.61	288.15	2,282.89	185.68	-186.29	-184.08	1.89	-0.57	-26.95
2,395.00	1.49	252.47	2,375.80	186.23	-190.23	-188.01	2.74	-2.28	-38.37
2,489.00	1.85	285.69	2,469.76	186.27	-192.86	-190.63	1.08	0.38	35.34
2,584.00	2.11	234.36	2,564.71	185.67	-195.75	-193.54	1.82	0.27	-54.03
2,678.00	2.11	151.92	2,658.66	183.13	-196.35	-194.16	2.96	0.00	-87.70
2,772.00	0.70	339.66	2,752.65	182.14	-195.73	-193.55	2.98	-1.50	-183.26
2,867.00	0.88	308.02	2,847.64	183.14	-196.51	-194.32	0.49	0.19	-33.31
2,962.00	1.41	161.94	2,942.63	182.48	-196.72	-194.54	2.31	0.56	-153.77
3,055.00	1.49	111.49	3,035.60	180.94	-195.24	-193.08	1.33	0.09	-54.25
3,149.00	0.88	58.94	3,129.59	180.87	-193.48	-191.32	1.26	-0.65	-55.90
3,242.00	0.62	10.95	3,222.58	181.73	-192.78	-190.61	0.70	-0.28	-51.60
3,337.00	0.44	316.98	3,317.57	182.50	-192.93	-190.75	0.53	-0.19	-56.81
3,431.00	0.62	327.00	3,411.57	183.19	-193.45	-191.26	0.21	0.19	10.66
3,526.00	0.79	303.80	3,506.56	183.99	-194.27	-192.08	0.35	0.18	-24.42
3,620.00	1.49	311.36	3,600.54	185.16	-195.73	-193.52	0.76	0.74	8.04
3,713.00	0.70	128.90	3,693.54	185.60	-196.20	-193.98	2.35	-0.85	190.90
3,806.00	1.41	88.47	3,786.52	185.27	-194.61	-192.40	1.06	0.76	-43.47
3,898.00	1.67	64.38	3,878.49	185.88	-192.27	-190.05	0.75	0.28	-26.18
3,993.00	1.32	104.29	3,973.46	186.21	-189.96	-187.74	1.13	-0.37	42.01
4,088.00	1.58	156.32	4,068.43	184.74	-188.37	-186.17	1.36	0.27	54.77
4,183.00	2.20	161.77	4,163.38	181.81	-187.28	-185.11	0.68	0.65	5.74
4,277.00	2.55	199.91	4,257.31	178.13	-187.43	-185.30	1.69	0.37	40.57
4,370.00	2.73	231.73	4,350.21	174.81	-189.87	-187.78	1.57	0.19	34.22
4,465.00	1.41	237.88	4,445.15	172.79	-192.64	-190.57	1.41	-1.39	6.47
4,560.00	0.09	141.20	4,540.14	172.11	-193.58	-191.52	1.50	-1.39	-101.77
4,653.00	1.14	62.98	4,633.13	172.47	-192.71	-190.65	1.21	1.13	-84.11
4,746.00	1.58	70.54	4,726.11	173.32	-190.68	-188.61	0.51	0.47	8.13
4,840.00	2.02	81.61	4,820.06	173.99	-187.81	-185.74	0.59	0.47	11.78
4,933.00	0.35	45.58	4,913.04	174.43	-185.99	-183.91	1.88	-1.80	-38.74

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Fagerberg 11N-7A-M
Project:	Weld County, CO NAD 83	TVD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Site:	SRC Fagerberg 33-12 Pad	MD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Well:	Fagerberg 11N-7A-M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	COMPASS_ROCKIES

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,027.00	0.53	224.35	5,007.04	174.32	-186.09	-184.01	0.94	0.19	190.18
5,120.00	0.79	218.37	5,100.03	173.51	-186.79	-184.72	0.29	0.28	-6.43
5,212.00	1.06	202.20	5,192.02	172.23	-187.50	-185.45	0.41	0.29	-17.58
5,306.00	1.58	220.83	5,285.99	170.44	-188.68	-186.64	0.71	0.55	19.82
5,400.00	1.58	260.03	5,379.96	169.24	-190.80	-188.78	1.13	0.00	41.70
5,493.00	0.44	329.29	5,472.95	169.32	-192.25	-190.22	1.59	-1.23	74.47
5,586.00	0.88	358.11	5,565.94	170.34	-192.45	-190.42	0.58	0.47	30.99
5,678.00	1.32	330.87	5,657.92	171.97	-192.99	-190.94	0.73	0.48	-29.61
5,771.00	0.35	13.06	5,750.91	173.19	-193.45	-191.38	1.17	-1.04	45.37
5,866.00	0.97	54.89	5,845.91	173.93	-192.73	-190.65	0.79	0.65	44.03
5,960.00	0.26	114.83	5,939.90	174.30	-191.88	-189.80	0.92	-0.76	63.77
6,053.00	1.14	182.16	6,032.89	173.29	-191.73	-189.66	1.15	0.95	72.40
6,146.00	0.97	156.85	6,125.88	171.64	-191.45	-189.40	0.53	-0.18	-27.22
6,239.00	1.14	264.60	6,218.87	170.83	-192.06	-190.02	1.84	0.18	115.86
6,333.00	1.67	249.83	6,312.84	170.27	-194.28	-192.24	0.68	0.56	-15.71
6,425.00	3.78	71.06	6,404.79	170.79	-192.67	-190.63	5.92	2.29	-194.32
6,518.00	11.26	69.83	6,496.93	174.92	-181.23	-179.14	8.04	8.04	-1.32
6,612.00	21.50	73.70	6,586.99	182.94	-156.01	-153.83	10.95	10.89	4.12
6,707.00	31.57	86.71	6,671.95	189.28	-114.34	-112.08	12.18	10.60	13.69
6,801.00	40.89	92.51	6,747.71	189.34	-58.89	-56.64	10.55	9.91	6.17
6,895.00	47.75	91.28	6,814.92	187.21	6.70	8.93	7.35	7.30	-1.31
6,989.00	56.28	92.51	6,872.72	184.72	80.68	82.87	9.13	9.07	1.31
7,083.00	65.25	94.27	6,918.59	179.82	162.47	164.59	9.68	9.54	1.87
7,178.00	72.81	92.16	6,952.57	174.89	250.97	253.03	8.22	7.96	-2.22
7,271.00	81.87	90.58	6,972.93	172.75	341.59	343.61	9.88	9.74	-1.70
7,365.00	92.33	88.99	6,977.68	173.10	435.33	437.36	11.25	11.13	-1.69
7,460.00	93.12	87.76	6,973.16	175.79	530.18	532.23	1.54	0.83	-1.29
7,554.00	93.21	87.94	6,967.97	179.32	623.97	626.06	0.21	0.10	0.19
7,647.00	92.68	88.47	6,963.19	182.22	716.81	718.92	0.81	-0.57	0.57
7,740.00	89.87	89.70	6,961.12	183.71	809.76	811.88	3.30	-3.02	1.32
7,834.00	88.72	90.75	6,962.28	183.34	903.75	905.86	1.66	-1.22	1.12
7,927.00	88.02	89.52	6,964.93	183.12	996.71	998.81	1.52	-0.75	-1.32
8,021.00	86.00	91.10	6,969.83	182.61	1,090.57	1,092.66	2.73	-2.15	1.68
8,115.00	88.90	91.63	6,974.01	180.38	1,184.44	1,186.50	3.14	3.09	0.56
8,208.00	88.64	92.16	6,976.01	177.30	1,277.37	1,279.38	0.63	-0.28	0.57
8,301.00	89.43	92.33	6,977.57	173.66	1,370.28	1,372.25	0.87	0.85	0.18
8,395.00	89.78	91.28	6,978.22	170.70	1,464.23	1,466.16	1.18	0.37	-1.12
8,488.00	90.66	91.10	6,977.86	168.77	1,557.21	1,559.10	0.97	0.95	-0.19
8,582.00	91.98	91.81	6,975.70	166.38	1,651.15	1,653.01	1.59	1.40	0.76
8,631.00	92.77	91.28	6,973.67	165.06	1,700.09	1,701.93	1.94	1.61	-1.08
8,724.00	87.23	90.93	6,973.67	163.27	1,793.04	1,794.85	5.97	-5.96	-0.38
8,817.00	86.35	91.81	6,978.88	161.05	1,885.86	1,887.64	1.34	-0.95	0.95
8,910.00	88.11	91.10	6,983.37	158.69	1,978.72	1,980.47	2.04	1.89	-0.76

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Fagerberg 11N-7A-M
Project:	Weld County, CO NAD 83	TVD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Site:	SRC Fagerberg 33-12 Pad	MD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Well:	Fagerberg 11N-7A-M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	COMPASS_ROCKIES

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,004.00	89.97	90.58	6,984.95	157.31	2,072.69	2,074.42	2.05	1.98	-0.55
9,097.00	91.01	91.28	6,984.15	155.80	2,165.68	2,167.37	1.35	1.12	0.75
9,192.00	89.87	92.68	6,983.42	152.52	2,260.61	2,262.26	1.90	-1.20	1.47
9,286.00	90.48	92.16	6,983.13	148.55	2,354.53	2,356.13	0.85	0.65	-0.55
9,377.00	90.48	90.93	6,982.37	146.10	2,445.49	2,447.05	1.35	0.00	-1.35
9,472.00	91.45	91.10	6,980.77	144.42	2,540.46	2,542.00	1.04	1.02	0.18
9,566.00	89.69	91.28	6,979.84	142.46	2,634.43	2,635.94	1.88	-1.87	0.19
9,660.00	90.04	91.28	6,980.06	140.36	2,728.41	2,729.88	0.37	0.37	0.00
9,753.00	90.04	89.70	6,979.99	139.57	2,821.40	2,822.86	1.70	0.00	-1.70
9,847.00	91.19	90.40	6,978.98	139.49	2,915.39	2,916.84	1.43	1.22	0.74
9,939.00	88.99	89.17	6,978.84	139.83	3,007.39	3,008.83	2.74	-2.39	-1.34
10,033.00	89.43	88.82	6,980.14	141.48	3,101.36	3,102.82	0.60	0.47	-0.37
10,126.00	89.69	88.82	6,980.85	143.40	3,194.34	3,195.82	0.28	0.28	0.00
10,220.00	90.13	88.29	6,981.00	145.77	3,288.31	3,289.81	0.73	0.47	-0.56
10,315.00	91.01	87.41	6,980.05	149.33	3,383.24	3,384.77	1.31	0.93	-0.93
10,408.00	90.75	88.82	6,978.62	152.39	3,476.17	3,477.74	1.54	-0.28	1.52
10,501.00	89.60	89.52	6,978.34	153.74	3,569.16	3,570.73	1.45	-1.24	0.75
10,595.00	89.08	90.75	6,979.42	153.51	3,663.15	3,664.72	1.42	-0.55	1.31
10,689.00	89.89	90.75	6,980.27	152.28	3,757.14	3,758.68	0.86	0.86	0.00
10,782.00	90.84	91.10	6,979.68	150.78	3,850.12	3,851.64	1.09	1.02	0.38
10,876.00	92.07	91.28	6,977.29	148.83	3,944.07	3,945.56	1.32	1.31	0.19
10,970.00	91.10	91.10	6,974.69	146.88	4,038.01	4,039.47	1.05	-1.03	-0.19
11,066.00	91.10	91.10	6,972.85	145.04	4,133.98	4,135.41	0.00	0.00	0.00
11,161.00	91.28	90.40	6,970.87	143.79	4,228.95	4,230.36	0.76	0.19	-0.74
11,254.00	92.42	89.87	6,967.87	143.58	4,321.90	4,323.30	1.35	1.23	-0.57
11,348.00	90.40	89.35	6,965.56	144.22	4,415.86	4,417.26	2.22	-2.15	-0.55
11,443.00	89.60	90.05	6,965.56	144.71	4,510.86	4,512.26	1.12	-0.84	0.74
11,538.00	90.31	90.05	6,965.63	144.63	4,605.86	4,607.25	0.75	0.75	0.00
11,632.00	90.31	88.82	6,965.12	145.56	4,699.85	4,701.25	1.31	0.00	-1.31
11,725.00	89.52	89.17	6,965.26	147.19	4,792.84	4,794.25	0.93	-0.85	0.38
11,818.00	88.72	91.45	6,966.69	146.68	4,885.82	4,887.21	2.60	-0.86	2.45
11,912.00	89.96	92.16	6,967.77	143.72	4,979.76	4,981.12	1.52	1.32	0.76
12,006.00	91.19	92.33	6,966.83	140.04	5,073.68	5,074.99	1.32	1.31	0.18
12,099.00	92.33	92.16	6,963.97	136.40	5,166.57	5,167.82	1.24	1.23	-0.18
12,193.00	90.66	91.28	6,961.52	133.58	5,260.49	5,261.70	2.01	-1.78	-0.94
12,285.00	91.63	91.10	6,959.68	131.67	5,352.45	5,353.63	1.07	1.05	-0.20
12,379.00	90.13	90.75	6,958.24	130.15	5,446.42	5,447.58	1.64	-1.60	-0.37
12,472.00	90.75	91.28	6,957.52	128.51	5,539.40	5,540.54	0.88	0.67	0.57
12,566.00	91.54	91.10	6,955.65	126.55	5,633.36	5,634.47	0.86	0.84	-0.19
12,660.00	89.34	89.70	6,954.92	125.90	5,727.35	5,728.44	2.77	-2.34	-1.49
12,754.00	89.96	89.52	6,955.50	126.54	5,821.35	5,822.44	0.69	0.66	-0.19
12,848.00	91.19	89.35	6,954.55	127.46	5,915.34	5,916.43	1.32	1.31	-0.18
12,942.00	89.60	90.40	6,953.91	127.67	6,009.33	6,010.42	2.03	-1.69	1.12
13,036.00	90.04	89.17	6,954.20	128.02	6,103.33	6,104.41	1.39	0.47	-1.31

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Fagerberg 11N-7A-M
Project:	Weld County, CO NAD 83	TVD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Site:	SRC Fagerberg 33-12 Pad	MD Reference:	4800'GL+20'KB @ 4820.00usft (PD 462)
Well:	Fagerberg 11N-7A-M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	COMPASS_ROCKIES

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,130.00	88.72	91.63	6,955.22	127.37	6,197.31	6,198.38	2.97	-1.40	2.62
13,224.00	88.90	91.81	6,957.17	124.55	6,291.25	6,292.28	0.27	0.19	0.19
13,320.00	88.90	91.98	6,959.01	121.37	6,387.18	6,388.17	0.18	0.00	0.18
13,414.00	90.40	93.04	6,959.59	117.26	6,481.08	6,482.01	1.95	1.60	1.13
13,508.00	91.80	91.98	6,957.78	113.14	6,574.97	6,575.85	1.87	1.49	-1.13
13,602.00	90.04	89.35	6,956.27	112.05	6,668.94	6,669.80	3.37	-1.87	-2.80
13,697.00	90.40	89.17	6,955.91	113.28	6,763.93	6,764.80	0.42	0.38	-0.19
13,792.00	91.71	89.52	6,954.16	114.36	6,858.90	6,859.78	1.43	1.38	0.37
13,885.00	91.10	88.99	6,951.88	115.57	6,951.87	6,952.75	0.87	-0.66	-0.57
13,979.00	89.25	90.22	6,951.59	116.22	7,045.86	7,046.74	2.36	-1.97	1.31
14,072.00	90.57	90.22	6,951.74	115.86	7,138.86	7,139.73	1.42	1.42	0.00
14,165.00	91.80	90.40	6,949.82	115.36	7,231.83	7,232.69	1.34	1.32	0.19
14,258.00	89.60	90.05	6,948.68	114.99	7,324.82	7,325.67	2.40	-2.37	-0.38
14,350.00	90.40	90.93	6,948.68	114.21	7,416.81	7,417.65	1.29	0.87	0.96
14,444.00	91.36	91.10	6,947.24	112.54	7,510.79	7,511.59	1.04	1.02	0.18
14,537.00	89.16	90.75	6,946.81	111.04	7,603.77	7,604.55	2.40	-2.37	-0.38
14,630.00	89.96	90.58	6,947.53	109.96	7,696.76	7,697.52	0.88	0.86	-0.18
14,723.00	90.66	91.10	6,947.03	108.60	7,789.75	7,790.49	0.94	0.75	0.56
14,817.00	91.80	91.45	6,945.01	106.51	7,883.70	7,884.41	1.27	1.21	0.37
14,911.00	92.59	91.63	6,941.41	103.98	7,977.60	7,978.27	0.86	0.84	0.19
14,957.00	93.47	91.45	6,938.98	102.75	8,023.52	8,024.17	1.95	1.91	-0.39
15,024.00	93.47	91.45	6,934.92	101.06	8,090.37	8,091.00	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SL 11N-7A-M - actual wellpath hits target center - Point	0.00	0.19	0.00	0.00	0.00	1,425,587.83	3,212,989.89	40.499115°N	104.734124°W
PBHL 11N-7A-M - actual wellpath misses target center by 6.71usft at 15024.00usft MD (6934.92 TVD, 101.06 N, 8090.37 E) - Point	0.00	0.19	6,931.00	95.71	8,091.38	1,425,753.42	3,221,080.15	40.499374°N	104.705029°W
BHL 11N-7A-M - actual wellpath hits target center - Point	0.00	0.19	6,934.92	101.06	8,090.37	1,425,758.76	3,221,079.09	40.499389°N	104.705033°W

Checked By: _____ Approved By: _____ Date: _____