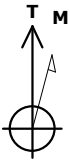




SYNERGY RESOURCES CORP.
Project: Weld County, CO NAD 83
Site: Evans 7-26 Pad
Well: Evans 10C-14-L
Wellbore: Original Hole
Design: Original Hole



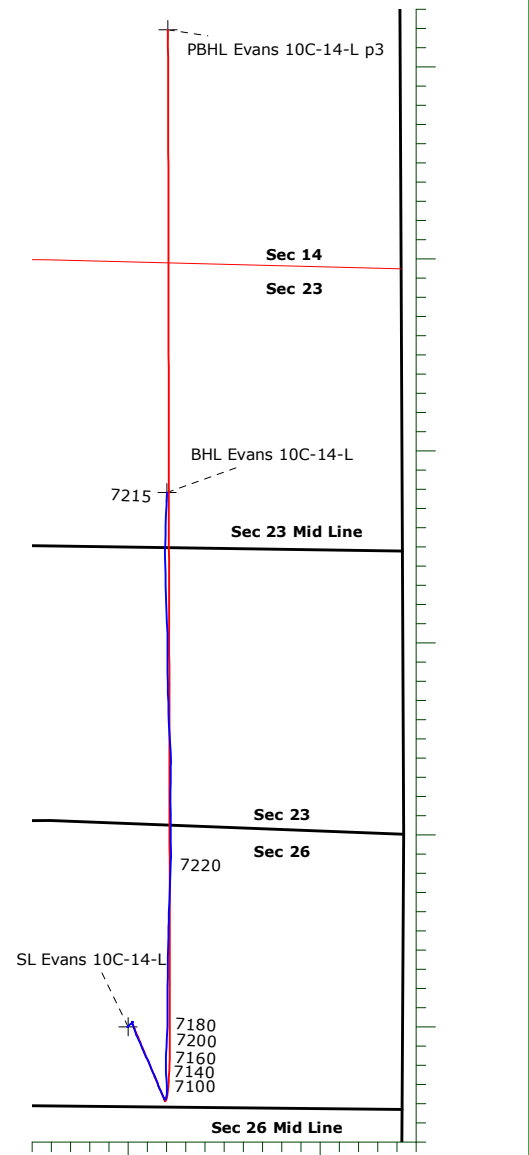
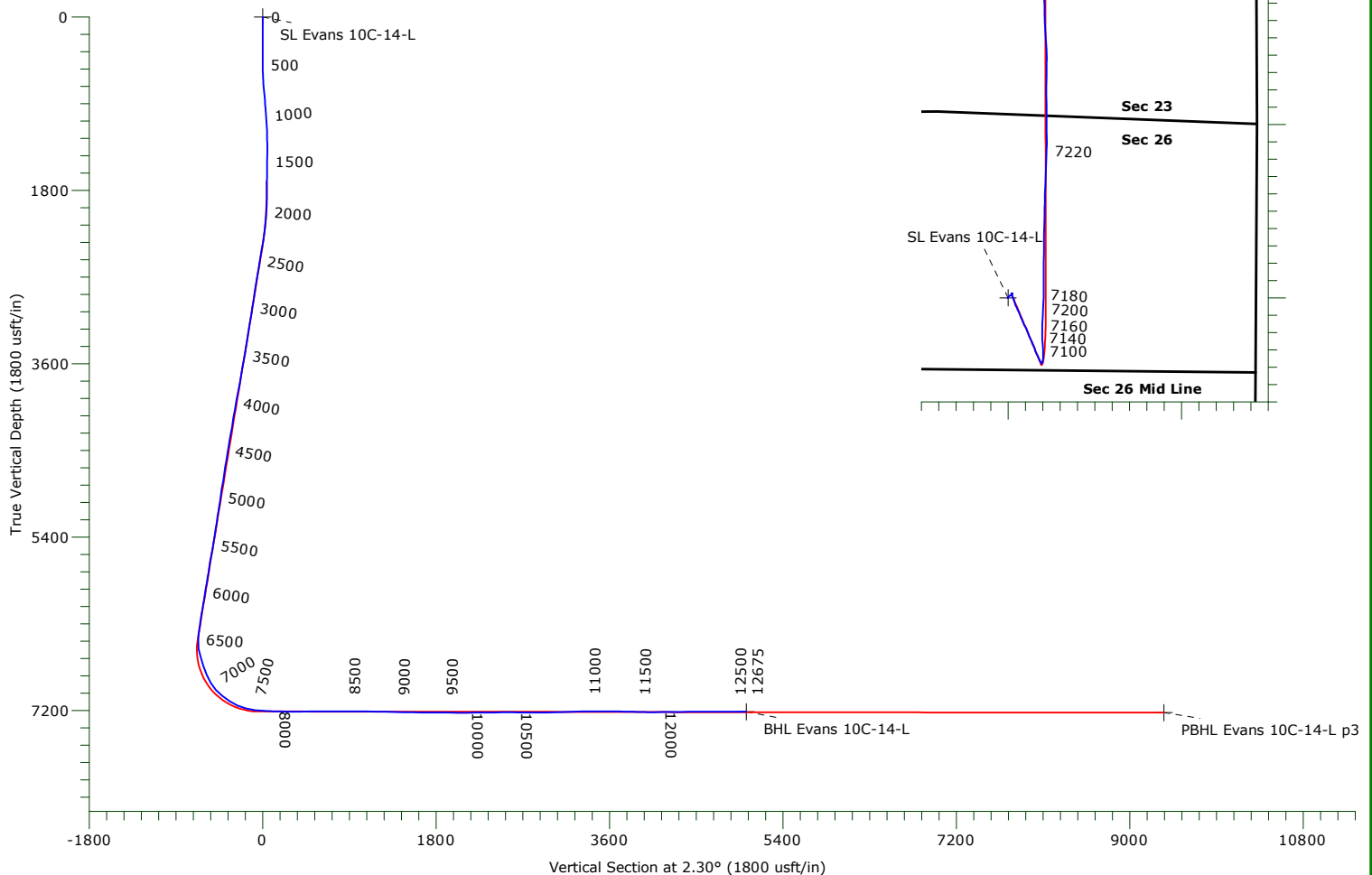
Azimuths to True North
Magnetic North: 8.29°

Magnetic Field
Strength: 52479.2snT
Dip Angle: 66.86°
Date: 8/6/2016
Model: IGRF2015

LEGEND

- Evans 10C-14-L, Original Hole, Plan #3 V0
- Original Hole

BHL - Section 23
Evans 10C-14-L
460°FNL, 2175°FEL



Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SL Evans 10C-14-L	0.00	0.01	0.00	1379453.73	3210605.09	40.372538°N	104.744113°W	Point
BHL Evans 10C-14-L	7215.08	5008.12	366.56	1384464.78	3210928.95	40.386285°N	104.742797°W	Point
PBHL Evans 10C-14-L p3	7225.07	9347.85	375.72	1388804.43	3210901.11	40.398198°N	104.742764°W	Point

SYNERGY RESOURCES CORP.

Weld County, CO NAD 83

Evans 7-26 Pad

Evans 10C-14-L

Original Hole

Design: Original Hole

Standard Survey Report

20 September, 2016

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Evans 10C-14-L
Project:	Weld County, CO NAD 83	TVD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Site:	Evans 7-26 Pad	MD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Well:	Evans 10C-14-L	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		Evans 7-26 Pad, Site Centered on the 25N-14B-L			
Site Position:		Northing:	1,379,493.79 usft	Latitude:	40.372648°N
From:	Map	Easting:	3,210,604.75 usft	Longitude:	104.744113°W
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence:	0.49 °

Well	Evans 10C-14-L					
Well Position	+N-S	0.00 usft	Northing:	1,379,453.72 usft	Latitude:	40.372538°N
	+E-W	0.00 usft	Easting:	3,210,605.09 usft	Longitude:	104.744113°W
Position Uncertainty		3.28 usft	Wellhead Elevation:	0.00 usft	Ground Level:	4,747.00 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/6/2016	8.29	66.86	52,479

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	2.30	

Survey Program	Date	9/20/2016			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
154.00	1,713.00	Survey #1 (Original Hole)	MWD	Fixed:v2:standard declination	
1,769.00	12,651.00	Survey #2 (Original Hole)	MWD	Fixed:v2:standard declination	
12,675.00	12,675.00	Survey #3 (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	
154.00	0.35	332.09	154.00	0.42	-0.22	0.41	0.23	0.23	0.00	
242.00	0.44	271.44	242.00	0.66	-0.68	0.63	0.46	0.10	-68.92	
331.00	0.26	251.58	331.00	0.61	-1.22	0.56	0.24	-0.20	-22.31	
424.00	0.53	283.75	423.99	0.64	-1.83	0.57	0.36	0.29	34.59	
514.00	1.23	42.93	513.99	1.45	-1.58	1.38	1.73	0.78	132.42	
604.00	2.99	41.52	603.92	3.91	0.63	3.94	1.96	1.96	-1.57	
693.00	5.10	40.82	692.70	8.65	4.76	8.83	2.37	2.37	-0.79	
783.00	8.00	47.50	782.10	15.91	11.99	16.37	3.33	3.22	7.42	

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Evans 10C-14-L
Project:	Weld County, CO NAD 83	TVD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Site:	Evans 7-26 Pad	MD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Well:	Evans 10C-14-L	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)
873.00	7.91	57.69	871.24	23.45	21.84	24.30	1.57	-0.10	11.32
963.00	6.16	49.08	960.56	29.92	30.73	31.13	2.26	-1.94	-9.57
1,053.00	4.92	40.64	1,050.14	36.01	36.89	37.46	1.65	-1.38	-9.38
1,143.00	3.78	36.95	1,139.88	41.31	41.19	42.93	1.30	-1.27	-4.10
1,233.00	2.20	33.09	1,229.75	45.13	43.91	46.86	1.77	-1.76	-4.29
1,323.00	0.44	357.40	1,319.73	46.92	44.84	48.68	2.07	-1.96	-39.66
1,413.00	0.88	237.17	1,409.72	46.89	44.24	48.63	1.29	0.49	-133.59
1,503.00	1.06	211.68	1,499.71	45.81	43.23	47.51	0.51	0.20	-28.32
1,593.00	0.79	196.56	1,589.70	44.51	42.61	46.18	0.40	-0.30	-16.80
1,683.00	0.62	218.53	1,679.69	43.53	42.13	45.19	0.35	-0.19	24.41
1,713.00	1.06	199.73	1,709.69	43.14	41.94	44.79	1.71	1.47	-62.67
1,769.00	0.79	260.71	1,765.68	42.59	41.38	44.22	1.73	-0.48	108.89
1,864.00	1.23	265.63	1,860.67	42.41	39.72	43.97	0.47	0.46	5.18
1,958.00	2.81	184.07	1,954.62	40.03	38.55	41.55	3.08	1.68	-86.77
2,051.00	3.87	156.30	2,047.47	34.89	39.65	36.45	2.05	1.14	-29.86
2,145.00	5.80	155.77	2,141.13	27.65	42.87	29.35	2.05	2.05	-0.56
2,240.00	7.83	160.87	2,235.45	17.16	46.96	19.03	2.23	2.14	5.37
2,334.00	9.06	162.10	2,328.43	4.06	51.34	6.12	1.32	1.31	1.31
2,427.00	11.08	163.86	2,419.99	-11.49	56.07	-9.23	2.20	2.17	1.89
2,521.00	10.46	160.87	2,512.34	-28.23	61.38	-25.74	0.89	-0.66	-3.18
2,615.00	10.20	160.16	2,604.82	-44.12	67.00	-41.39	0.31	-0.28	-0.76
2,708.00	9.94	158.41	2,696.38	-59.33	72.75	-56.36	0.43	-0.28	-1.88
2,801.00	9.85	158.06	2,788.00	-74.17	78.68	-70.95	0.12	-0.10	-0.38
2,895.00	9.41	157.18	2,880.67	-88.71	84.66	-85.24	0.49	-0.47	-0.94
2,988.00	9.15	156.12	2,972.46	-102.48	90.60	-98.76	0.33	-0.28	-1.14
3,081.00	10.73	155.24	3,064.06	-117.10	97.22	-113.11	1.71	1.70	-0.95
3,174.00	10.20	151.73	3,155.51	-132.22	104.75	-127.91	0.89	-0.57	-3.77
3,267.00	10.82	157.35	3,246.95	-147.53	112.01	-142.91	1.29	0.67	6.04
3,361.00	10.11	157.00	3,339.39	-163.26	118.63	-158.37	0.76	-0.76	-0.37
3,456.00	9.15	155.59	3,433.05	-177.82	125.01	-172.66	1.04	-1.01	-1.48
3,550.00	10.38	158.23	3,525.69	-192.49	131.24	-187.07	1.39	1.31	2.81
3,644.00	11.52	158.93	3,617.97	-209.11	137.76	-203.41	1.22	1.21	0.74
3,737.00	11.43	156.47	3,709.12	-226.23	144.77	-220.23	0.54	-0.10	-2.65
3,830.00	11.52	155.42	3,800.26	-243.12	152.32	-236.81	0.24	0.10	-1.13
3,923.00	11.70	154.54	3,891.35	-260.08	160.23	-253.44	0.27	0.19	-0.95
4,017.00	11.78	153.49	3,983.39	-277.27	168.61	-270.28	0.24	0.09	-1.12
4,112.00	11.52	152.43	4,076.43	-294.36	177.33	-287.00	0.35	-0.27	-1.12
4,206.00	10.55	150.32	4,168.69	-310.15	185.94	-302.44	1.12	-1.03	-2.24
4,298.00	11.08	157.53	4,259.06	-325.64	193.49	-317.61	1.58	0.58	7.84
4,391.00	10.29	155.07	4,350.45	-341.43	200.40	-333.12	0.98	-0.85	-2.65
4,484.00	11.26	161.57	4,441.81	-357.58	206.77	-348.99	1.67	1.04	6.99
4,577.00	10.55	160.52	4,533.13	-374.22	212.48	-365.39	0.79	-0.76	-1.13
4,672.00	9.85	159.29	4,626.63	-390.02	218.26	-380.95	0.77	-0.74	-1.29

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Evans 10C-14-L
Project:	Weld County, CO NAD 83	TVD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Site:	Evans 7-26 Pad	MD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Well:	Evans 10C-14-L	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)
4,765.00	8.79	155.95	4,718.40	-403.95	223.97	-394.64	1.28	-1.14	-3.59
4,857.00	10.29	156.47	4,809.13	-417.90	230.11	-408.33	1.63	1.63	0.57
4,950.00	10.02	156.12	4,900.67	-432.92	236.70	-423.07	0.30	-0.29	-0.38
5,043.00	9.23	153.31	4,992.36	-446.98	243.33	-436.86	0.99	-0.85	-3.02
5,138.00	10.46	155.59	5,085.96	-461.64	250.32	-451.22	1.36	1.29	2.40
5,232.00	9.23	151.55	5,178.58	-476.04	257.43	-465.33	1.50	-1.31	-4.30
5,326.00	10.38	159.81	5,271.21	-490.62	263.95	-479.63	1.93	1.22	8.79
5,419.00	9.15	159.29	5,362.86	-505.40	269.46	-494.18	1.33	-1.32	-0.56
5,512.00	9.85	158.93	5,454.58	-519.74	274.93	-508.29	0.76	0.75	-0.39
5,605.00	10.46	164.21	5,546.12	-535.28	280.09	-523.61	1.20	0.66	5.68
5,699.00	11.52	161.92	5,638.40	-552.42	285.32	-540.52	1.22	1.13	-2.44
5,793.00	9.50	157.35	5,730.82	-568.50	291.22	-556.36	2.32	-2.15	-4.86
5,887.00	11.43	152.25	5,823.25	-583.91	298.55	-571.45	2.28	2.05	-5.43
5,980.00	9.94	148.56	5,914.64	-598.91	307.03	-586.11	1.76	-1.60	-3.97
6,074.00	9.94	157.70	6,007.23	-613.34	314.34	-600.23	1.68	0.00	9.72
6,167.00	11.61	159.29	6,098.59	-629.52	320.69	-616.14	1.82	1.80	1.71
6,259.00	10.20	153.84	6,188.93	-645.49	327.56	-631.83	1.90	-1.53	-5.92
6,353.00	10.38	153.49	6,281.42	-660.54	335.01	-646.56	0.20	0.19	-0.37
6,449.00	8.35	150.50	6,376.14	-674.35	342.30	-660.07	2.17	-2.11	-3.11
6,542.00	3.96	132.92	6,468.58	-682.42	347.98	-667.90	5.08	-4.72	-18.90
6,635.00	9.67	20.07	6,561.14	-677.25	353.03	-662.54	12.67	6.14	-121.34
6,729.00	17.32	15.50	6,652.48	-656.32	359.49	-641.36	8.21	8.14	-4.86
6,822.00	17.23	7.41	6,741.30	-629.32	364.97	-614.16	2.58	-0.10	-8.70
6,917.00	23.74	358.80	6,830.26	-596.20	366.38	-581.02	7.53	6.85	-9.06
7,010.00	31.57	356.34	6,912.57	-553.12	364.43	-538.05	8.51	8.42	-2.65
7,104.00	40.36	356.34	6,988.58	-498.08	360.91	-483.20	9.35	9.35	0.00
7,197.00	51.35	358.09	7,053.26	-431.53	357.77	-416.82	11.89	11.82	1.88
7,290.00	58.12	359.50	7,106.92	-355.66	356.21	-341.08	7.38	7.28	1.52
7,383.00	66.57	2.14	7,150.05	-273.38	357.46	-258.81	9.43	9.09	2.84
7,477.00	74.30	2.84	7,181.51	-184.96	361.32	-170.31	8.25	8.22	0.74
7,572.00	84.33	2.84	7,199.10	-91.84	365.94	-77.08	10.56	10.56	0.00
7,665.00	87.05	1.43	7,206.09	0.82	369.39	15.65	3.29	2.92	-1.52
7,759.00	88.99	0.91	7,209.34	94.74	371.31	109.57	2.14	2.06	-0.55
7,852.00	87.49	0.03	7,212.19	187.69	372.07	202.47	1.87	-1.61	-0.95
7,945.00	90.13	359.85	7,214.12	280.66	371.98	295.37	2.85	2.84	-0.19
8,038.00	90.75	0.20	7,213.41	373.66	372.02	388.29	0.77	0.67	0.38
8,130.00	91.89	0.73	7,211.29	465.63	372.76	480.22	1.37	1.24	0.58
8,224.00	90.04	0.91	7,209.71	559.60	374.11	574.17	1.98	-1.97	0.19
8,318.00	88.99	1.08	7,210.50	653.58	375.74	668.14	1.13	-1.12	0.18
8,413.00	89.43	0.91	7,211.81	748.56	377.39	763.10	0.50	0.46	-0.18
8,506.00	89.78	1.26	7,212.45	841.54	379.15	856.08	0.53	0.38	0.38
8,600.00	90.13	1.26	7,212.53	935.52	381.22	950.06	0.37	0.37	0.00
8,647.00	90.92	0.73	7,212.10	982.51	382.04	997.05	2.02	1.68	-1.13

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Evans 10C-14-L
Project:	Weld County, CO NAD 83	TVD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Site:	Evans 7-26 Pad	MD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Well:	Evans 10C-14-L	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)
8,740.00	88.99	1.79	7,212.17	1,075.48	384.08	1,090.03	2.37	-2.08	1.14
8,834.00	89.08	2.49	7,213.75	1,169.40	387.59	1,184.01	0.75	0.10	0.74
8,928.00	88.90	1.79	7,215.41	1,263.32	391.10	1,278.00	0.77	-0.19	-0.74
9,021.00	89.08	2.49	7,217.05	1,356.24	394.57	1,370.98	0.78	0.19	0.75
9,114.00	89.34	2.67	7,218.33	1,449.14	398.76	1,463.97	0.34	0.28	0.19
9,207.00	88.90	1.79	7,219.76	1,542.06	402.38	1,556.96	1.06	-0.47	-0.95
9,302.00	88.81	359.85	7,221.66	1,637.02	403.73	1,651.91	2.04	-0.09	-2.04
9,396.00	89.96	359.33	7,222.67	1,731.01	403.06	1,745.79	1.34	1.22	-0.55
9,489.00	89.52	359.50	7,223.09	1,824.01	402.11	1,838.67	0.51	-0.47	0.18
9,583.00	89.34	359.50	7,224.03	1,918.00	401.29	1,932.56	0.19	-0.19	0.00
9,675.00	89.08	359.68	7,225.29	2,009.99	400.63	2,024.45	0.34	-0.28	0.20
9,768.00	90.31	358.97	7,225.79	2,102.98	399.54	2,117.32	1.53	1.32	-0.76
9,861.00	91.10	1.08	7,224.64	2,195.96	399.58	2,210.23	2.42	0.85	2.27
9,955.00	91.10	1.26	7,222.84	2,289.93	401.50	2,304.19	0.19	0.00	0.19
10,049.00	89.78	359.85	7,222.12	2,383.91	402.41	2,398.14	2.05	-1.40	-1.50
10,142.00	91.36	1.43	7,221.19	2,476.90	403.45	2,491.09	2.40	1.70	1.70
10,236.00	88.37	356.34	7,221.41	2,570.84	401.62	2,584.89	6.28	-3.18	-5.41
10,329.00	89.08	356.34	7,223.48	2,663.63	395.68	2,677.36	0.76	0.76	0.00
10,422.00	89.69	356.69	7,224.48	2,756.45	390.03	2,769.88	0.76	0.66	0.38
10,515.00	90.40	357.22	7,224.41	2,849.32	385.09	2,862.47	0.95	0.76	0.57
10,607.00	91.89	358.27	7,222.57	2,941.22	381.47	2,954.16	1.98	1.62	1.14
10,700.00	91.98	358.27	7,219.43	3,034.13	378.67	3,046.88	0.10	0.10	0.00
10,794.00	91.89	358.27	7,216.26	3,128.03	375.83	3,140.59	0.10	-0.10	0.00
10,887.00	91.89	358.97	7,213.19	3,220.95	373.59	3,233.35	0.75	0.00	0.75
10,980.00	89.78	359.68	7,211.83	3,313.93	372.50	3,326.21	2.39	-2.27	0.76
11,074.00	89.96	359.33	7,212.05	3,407.93	371.68	3,420.10	0.42	0.19	-0.37
11,167.00	90.31	0.03	7,211.83	3,500.92	371.16	3,513.00	0.84	0.38	0.75
11,262.00	90.22	359.68	7,211.39	3,595.92	370.92	3,607.91	0.38	-0.09	-0.37
11,356.00	89.16	358.45	7,211.90	3,689.90	369.39	3,701.76	1.73	-1.13	-1.31
11,450.00	87.93	357.57	7,214.28	3,783.82	366.13	3,795.46	1.61	-1.31	-0.94
11,543.00	88.99	358.27	7,216.78	3,876.72	362.75	3,888.15	1.37	1.14	0.75
11,621.00	89.31	356.42	7,217.94	3,954.62	359.14	3,965.85	2.41	0.41	-2.37
11,713.00	90.34	358.43	7,218.22	4,046.52	355.01	4,057.51	2.45	1.12	2.18
11,808.00	90.43	359.68	7,217.58	4,141.51	353.44	4,152.35	1.32	0.09	1.32
11,901.00	89.99	358.36	7,217.24	4,234.49	351.85	4,245.20	1.50	-0.47	-1.42
11,994.00	90.25	359.06	7,217.05	4,327.47	349.76	4,338.02	0.80	0.28	0.75
12,089.00	91.00	359.85	7,216.01	4,422.45	348.85	4,432.89	1.15	0.79	0.83
12,183.00	90.80	1.35	7,214.53	4,516.43	349.84	4,526.84	1.61	-0.21	1.60
12,277.00	90.47	1.26	7,213.49	4,610.40	351.98	4,620.82	0.36	-0.35	-0.10
12,370.00	89.86	1.79	7,213.22	4,703.37	354.45	4,713.81	0.87	-0.66	0.57
12,463.00	89.75	2.23	7,213.54	4,796.31	357.71	4,806.80	0.49	-0.12	0.47
12,557.00	89.51	1.87	7,214.15	4,890.25	361.08	4,900.80	0.46	-0.26	-0.38
12,651.00	89.57	3.19	7,214.90	4,984.15	365.23	4,994.80	1.41	0.06	1.40
12,675.00	89.57	3.19	7,215.08	5,008.12	366.56	5,018.79	0.00	0.00	0.00

Precision Drilling Corporation

Survey Report

Company:	SYNERGY RESOURCES CORP.	Local Co-ordinate Reference:	Well Evans 10C-14-L
Project:	Weld County, CO NAD 83	TVD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Site:	Evans 7-26 Pad	MD Reference:	4747'GL+20'KB @ 4767.00usft (PD 462)
Well:	Evans 10C-14-L	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)
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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 Evans 10C-14-L - actual wellpath misses target center by 0.01usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Point	0.00	0.00	0.00	0.01	0.00	1,379,453.73	3,210,605.09	40.372538°N	104.744113°W
BHL Evans 10C-14-L - actual wellpath misses target center by 0.01usft at 12675.00usft MD (7215.08 TVD, 5008.12 N, 366.56 E) - Point	0.00	0.00	7,215.08	5,008.12	366.56	1,384,464.78	3,210,928.95	40.386285°N	104.742797°W
PBHL Evans 10C-14-L - actual wellpath misses target center by 4339.75usft at 12675.00usft MD (7215.08 TVD, 5008.12 N, 366.56 E) - Point	0.00	0.00	7,225.07	9,347.85	375.72	1,388,804.43	3,210,901.11	40.398198°N	104.742764°W

Checked By: _____ Approved By: _____ Date: _____