



Prizehog BWZ State Com 2H

Directional Survey Report

Start date: 3/11/18

End date: 4/25/18

30-025-4411

Company Name: Lilis Energy

Well Name: Prizehog BWZ State Com 2H

Field: Wolfcamp

Rig ID: Trinidad 117

API/UWI: 30-025-44111

State/Prov: New Mexico

County: Lea County

Country: USA

Location: Jal

Latitude/Longitude: 32.0338405556 / -103.2988975

Survey Company: Aim Directional Services

Job Number: WT-18-057

Proposed Azimuth: 179.38

Declination: 6.12 KB: 26

North Reference: Grid

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
TiIn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	
1	170.00	0.40	343.45	170.00	0.57	-0.17	-0.57	0.59	343.45	0.24	170.00
2	324.00	0.35	347.23	324.00	1.54	-0.43	-1.55	1.60	344.56	0.04	154.00
3	530.00	0.48	344.16	529.99	2.99	-0.80	-3.00	3.09	344.99	0.06	206.00
4	708.00	0.97	356.90	707.98	5.21	-1.09	-5.22	5.32	348.22	0.29	178.00
5	893.00	1.36	6.92	892.94	8.95	-0.91	-8.96	9.00	354.22	0.24	185.00
6	1,073.00	1.10	6.83	1,072.90	12.79	-0.44	-12.79	12.80	358.02	0.14	180.00
7	1,255.00	0.66	13.25	1,254.87	15.54	0.00	-15.54	15.54	0.02	0.25	182.00
8	1,448.00	1.14	347.76	1,447.85	18.50	-0.15	-18.50	18.50	359.54	0.32	193.00
9	1,629.00	2.51	2.97	1,628.75	24.22	-0.32	-24.22	24.22	359.23	0.80	181.00
10	1,810.00	3.16	2.88	1,809.53	33.16	0.13	-33.16	33.16	0.23	0.36	181.00
11	1,979.00	4.53	358.75	1,978.15	44.48	0.22	-44.48	44.48	0.28	0.83	169.00
12	2,163.00	4.70	3.58	2,161.55	59.27	0.53	-59.26	59.27	0.52	0.23	184.00
13	2,346.00	5.05	4.81	2,343.89	74.78	1.68	-74.76	74.80	1.28	0.20	183.00
14	2,528.00	5.89	5.16	2,525.06	92.06	3.19	-92.02	92.12	1.98	0.46	182.00
15	2,710.00	6.73	8.59	2,705.96	111.91	5.62	-111.84	112.05	2.88	0.51	182.00
16	2,891.00	6.24	0.94	2,885.80	132.23	7.37	-132.14	132.44	3.19	0.55	181.00
17	3,071.00	6.37	3.32	3,064.71	151.98	8.11	-151.89	152.20	3.05	0.16	180.00
18	3,252.00	6.02	2.00	3,244.65	171.49	9.02	-171.38	171.73	3.01	0.21	181.00
19	3,434.00	5.98	4.37	3,425.66	190.48	10.07	-190.36	190.75	3.03	0.14	182.00
20	3,617.00	6.15	5.78	3,607.63	209.74	11.79	-209.60	210.07	3.22	0.12	183.00
21	3,798.00	6.33	4.64	3,787.56	229.33	13.57	-229.17	229.73	3.39	0.12	181.00
22	3,980.00	7.03	7.36	3,968.33	250.38	15.81	-250.19	250.88	3.61	0.42	182.00
23	4,163.00	6.73	0.86	4,150.01	272.21	17.40	-272.00	272.76	3.66	0.46	183.00
24	4,345.00	7.21	5.08	4,330.67	294.25	18.58	-294.03	294.83	3.61	0.39	182.00
25	4,527.00	5.49	7.01	4,511.54	314.26	20.65	-314.02	314.94	3.76	0.95	182.00
26	4,707.00	5.41	4.46	4,690.73	331.27	22.36	-331.01	332.02	3.86	0.14	180.00
27	4,890.00	5.89	4.37	4,872.84	349.23	23.75	-348.96	350.04	3.89	0.26	183.00
28	5,071.00	6.07	359.89	5,052.86	368.06	24.44	-367.78	368.87	3.80	0.28	181.00
29	5,242.00	6.64	359.89	5,222.80	386.99	24.40	-386.70	387.76	3.61	0.33	171.00
30	5,381.00	7.21	359.36	5,360.79	403.75	24.29	-403.46	404.48	3.44	0.41	139.00
31	5,559.00	6.64	1.03	5,537.49	425.21	24.35	-424.92	425.91	3.28	0.34	178.00
32	5,738.00	5.85	1.12	5,715.43	444.68	24.71	-444.38	445.36	3.18	0.44	179.00
33	5,916.00	5.23	0.15	5,892.59	461.86	24.91	-461.56	462.53	3.09	0.35	178.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
34	6,093.00	5.76	2.61	6,068.78	478.80	25.34	-478.50	479.47	3.03	0.33	177.00
35	6,271.00	7.08	4.28	6,245.66	498.66	26.56	-498.35	499.37	3.05	0.75	178.00
36	6,453.00	6.77	352.59	6,426.34	520.49	26.01	-520.17	521.14	2.86	0.79	182.00
37	6,635.00	6.20	358.13	6,607.18	540.95	24.31	-540.65	541.49	2.57	0.46	182.00
38	6,817.00	5.45	358.04	6,788.24	559.41	23.69	-559.12	559.91	2.43	0.41	182.00
39	6,997.00	5.36	357.69	6,967.44	576.35	23.06	-576.07	576.81	2.29	0.05	180.00
40	7,178.00	5.32	357.96	7,147.65	593.18	22.42	-592.91	593.61	2.16	0.03	181.00
41	7,359.00	5.63	357.87	7,327.83	610.44	21.79	-610.17	610.83	2.04	0.17	181.00
42	7,541.00	5.01	359.01	7,509.04	627.31	21.33	-627.04	627.67	1.95	0.35	182.00
43	7,723.00	4.40	357.60	7,690.43	642.23	20.90	-641.97	642.57	1.86	0.34	182.00
44	7,903.00	4.26	2.53	7,869.91	655.81	20.90	-655.54	656.14	1.83	0.22	180.00
45	8,085.00	4.26	0.86	8,051.41	669.32	21.30	-669.05	669.66	1.82	0.07	182.00
46	8,269.00	3.56	8.50	8,234.98	681.80	22.25	-681.52	682.17	1.87	0.47	184.00
47	8,451.00	2.77	8.68	8,416.70	691.74	23.75	-691.44	692.15	1.97	0.43	182.00
48	8,632.00	2.20	14.22	8,597.53	699.43	25.26	-699.12	699.89	2.07	0.34	181.00
49	8,813.00	1.80	12.90	8,778.42	705.57	26.75	-705.24	706.08	2.17	0.22	181.00
50	8,994.00	1.63	11.84	8,959.34	710.86	27.91	-710.52	711.41	2.25	0.10	181.00
51	9,174.00	0.40	316.82	9,139.31	713.82	28.01	-713.48	714.37	2.25	0.80	180.00
52	9,354.00	0.18	355.41	9,319.31	714.56	27.55	-714.22	715.09	2.21	0.16	180.00
53	9,536.00	1.67	29.16	9,501.28	717.16	28.82	-716.81	717.74	2.30	0.84	182.00
54	9,717.00	1.58	10.00	9,682.21	721.93	30.54	-721.55	722.57	2.42	0.30	181.00
55	9,899.00	0.48	341.78	9,864.18	725.12	30.74	-724.75	725.77	2.43	0.65	182.00
56	10,081.00	0.53	1.74	10,046.17	726.69	30.53	-726.31	727.33	2.41	0.10	182.00
57	10,262.00	0.97	75.83	10,227.16	727.90	32.04	-727.51	728.60	2.52	0.54	181.00
58	10,444.00	1.14	87.69	10,409.13	728.35	35.34	-727.92	729.20	2.78	0.15	182.00
59	10,535.00	1.23	84.79	10,500.11	728.47	37.22	-728.03	729.42	2.92	0.12	91.00
60	10,625.00	0.84	49.11	10,590.09	728.99	38.68	-728.53	730.02	3.04	0.82	90.00
61	10,715.00	1.23	353.83	10,680.08	730.39	39.07	-729.92	731.43	3.06	1.13	90.00
62	10,806.00	1.76	346.44	10,771.05	732.71	38.64	-732.25	733.73	3.02	0.62	91.00
63	10,897.00	2.20	330.53	10,862.00	735.59	37.45	-735.15	736.55	2.91	0.77	91.00
64	10,988.00	3.25	311.73	10,952.89	738.83	34.67	-738.41	739.64	2.69	1.50	91.00
65	11,078.00	3.30	314.45	11,042.75	742.34	30.92	-741.97	742.99	2.38	0.18	90.00
66	11,169.00	2.95	319.11	11,133.61	745.95	27.51	-745.61	746.46	2.11	0.47	91.00
67	11,260.00	1.54	294.94	11,224.54	748.23	24.87	-747.92	748.65	1.90	1.83	91.00
68	11,352.00	1.19	299.07	11,316.52	749.22	22.92	-748.93	749.57	1.75	0.39	92.00
69	11,442.00	1.45	348.02	11,406.49	750.79	21.86	-750.51	751.11	1.67	1.24	90.00
70	11,511.00	1.49	356.73	11,475.47	752.54	21.63	-752.26	752.85	1.65	0.33	69.00
71	11,556.00	1.36	2.61	11,520.46	753.65	21.62	-753.38	753.96	1.64	0.43	45.00
72	11,647.00	1.19	38.83	11,611.44	755.47	22.26	-755.18	755.80	1.69	0.89	91.00
73	11,693.00	1.85	42.52	11,657.42	756.39	23.06	-756.10	756.74	1.75	1.45	46.00
74	11,730.00	2.29	39.97	11,694.40	757.40	23.94	-757.09	757.77	1.81	1.21	37.00
75	11,737.00	2.07	39.97	11,701.39	757.60	24.11	-757.29	757.98	1.82	3.14	7.00
76	11,783.00	2.33	39.62	11,747.36	758.96	25.24	-758.64	759.38	1.91	0.57	46.00
77	11,829.00	0.84	82.95	11,793.34	759.72	26.17	-759.39	760.17	1.97	3.94	46.00
78	11,874.00	4.09	178.40	11,838.30	758.15	26.55	-757.82	758.62	2.01	9.45	45.00
79	11,918.00	7.91	187.10	11,882.05	753.58	26.22	-753.25	754.04	1.99	8.90	44.00
80	11,964.00	12.00	187.10	11,927.35	745.69	25.23	-745.37	746.12	1.94	8.89	46.00
81	12,010.00	16.13	182.61	11,971.96	734.56	24.35	-734.25	734.96	1.90	9.28	46.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
82	12,056.00	21.14	179.45	12,015.54	719.87	24.14	-719.57	720.27	1.92	11.11	46.00
83	12,101.00	25.80	178.57	12,056.80	701.96	24.46	-701.65	702.38	2.00	10.38	45.00
84	12,147.00	29.58	178.66	12,097.53	680.59	24.98	-680.28	681.05	2.10	8.22	46.00
85	12,192.00	32.88	177.87	12,136.00	657.27	25.69	-656.96	657.77	2.24	7.39	45.00
86	12,205.00	33.76	177.69	12,146.87	650.14	25.97	-649.82	650.66	2.29	6.81	13.00
87	12,250.00	38.42	177.96	12,183.22	623.66	26.97	-623.33	624.24	2.48	10.36	45.00
88	12,296.00	43.16	179.45	12,218.04	593.62	27.63	-593.29	594.26	2.66	10.52	46.00
89	12,341.00	49.23	183.32	12,249.18	561.18	26.79	-560.86	561.82	2.73	14.84	45.00
90	12,387.00	54.99	184.55	12,277.42	524.98	24.29	-524.69	525.55	2.65	12.70	46.00
91	12,432.00	61.76	184.37	12,301.00	486.80	21.31	-486.55	487.27	2.51	15.05	45.00
92	12,505.00	72.35	184.37	12,329.42	419.87	16.19	-419.67	420.18	2.21	14.51	73.00
93	12,536.00	80.04	181.46	12,336.81	389.83	14.68	-389.65	390.11	2.16	26.43	31.00
94	12,599.00	89.89	179.62	12,342.33	327.16	14.09	-326.99	327.46	2.47	15.90	63.00
95	12,694.00	90.73	179.70	12,341.82	232.16	14.66	-231.99	232.62	3.61	0.89	95.00
96	12,787.00	90.33	179.01	12,340.96	139.17	15.71	-138.99	140.06	6.44	0.86	93.00
97	12,882.00	92.40	180.77	12,338.70	44.21	15.89	-44.03	46.98	19.77	2.86	95.00
98	12,976.00	92.53	181.65	12,334.65	-49.68	13.91	49.83	51.59	164.36	0.95	94.00
99	13,070.00	92.92	180.85	12,330.19	-143.55	11.86	143.67	144.04	175.28	0.95	94.00
100	13,164.00	91.91	179.97	12,326.22	-237.47	11.19	237.57	237.73	177.30	1.42	94.00
101	13,259.00	90.46	178.65	12,324.26	-332.43	12.33	332.55	332.66	177.88	2.06	95.00
102	13,354.00	86.42	177.16	12,326.85	-427.31	15.80	427.46	427.60	177.88	4.53	95.00
103	13,447.00	86.90	178.12	12,332.26	-520.07	19.62	520.26	520.44	177.84	1.15	93.00
104	13,542.00	86.55	179.09	12,337.69	-614.89	21.93	615.09	615.28	177.96	1.08	95.00
105	13,637.00	89.32	180.06	12,341.11	-709.82	22.63	710.02	710.18	178.17	3.09	95.00
106	13,731.00	88.79	179.97	12,342.66	-803.80	22.61	804.00	804.12	178.39	0.57	94.00
107	13,825.00	93.05	181.29	12,341.16	-897.76	21.58	897.94	898.02	178.62	4.74	94.00
108	13,919.00	92.26	179.62	12,336.80	-991.65	20.83	991.82	991.87	178.80	1.96	94.00
109	14,013.00	89.41	178.12	12,335.43	-1,085.61	22.69	1,085.79	1,085.85	178.80	3.43	94.00
110	14,106.00	87.60	176.54	12,337.86	-1,178.47	27.02	1,178.70	1,178.78	178.69	2.58	93.00
111	14,200.00	87.91	178.03	12,341.54	-1,272.29	31.46	1,272.56	1,272.68	178.58	1.62	94.00
112	14,295.00	88.26	178.03	12,344.71	-1,367.18	34.73	1,367.48	1,367.62	178.54	0.37	95.00
113	14,388.00	87.47	178.12	12,348.18	-1,460.07	37.85	1,460.39	1,460.56	178.52	0.85	93.00
114	14,482.00	90.33	179.97	12,349.98	-1,554.02	39.42	1,554.36	1,554.52	178.55	3.62	94.00
115	14,577.00	90.95	180.41	12,348.92	-1,649.01	39.10	1,649.34	1,649.48	178.64	0.80	95.00
116	14,671.00	87.78	177.33	12,349.96	-1,742.97	40.95	1,743.31	1,743.45	178.65	4.70	94.00
117	14,764.00	88.75	177.86	12,352.78	-1,835.84	44.85	1,836.22	1,836.39	178.60	1.19	93.00
118	14,859.00	88.31	177.51	12,355.22	-1,930.73	48.69	1,931.15	1,931.35	178.56	0.59	95.00
119	14,954.00	87.69	176.01	12,358.53	-2,025.52	54.06	2,025.99	2,026.24	178.47	1.71	95.00
120	15,049.00	88.79	176.98	12,361.45	-2,120.29	59.86	2,120.82	2,121.14	178.38	1.54	95.00
121	15,143.00	87.65	177.59	12,364.37	-2,214.14	64.31	2,214.71	2,215.07	178.34	1.38	94.00
122	15,238.00	88.40	177.51	12,367.64	-2,309.00	68.37	2,309.60	2,310.01	178.30	0.79	95.00
123	15,334.00	88.18	177.59	12,370.51	-2,404.87	72.47	2,405.51	2,405.96	178.27	0.24	96.00
124	15,428.00	92.35	179.97	12,370.07	-2,498.82	74.47	2,499.48	2,499.93	178.29	5.11	94.00
125	15,522.00	93.10	180.23	12,365.61	-2,592.71	74.31	2,593.36	2,593.77	178.36	0.84	94.00
126	15,617.00	93.93	180.23	12,359.78	-2,687.53	73.93	2,688.17	2,688.55	178.42	0.87	95.00
127	15,710.00	92.92	181.89	12,354.22	-2,780.34	72.21	2,780.96	2,781.28	178.51	2.09	93.00
128	15,805.00	90.86	181.28	12,351.09	-2,875.25	69.58	2,875.83	2,876.09	178.61	2.26	95.00
129	15,899.00	88.97	179.69	12,351.23	-2,969.24	68.79	2,969.81	2,970.04	178.67	2.63	94.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
130	15,994.00	89.76	180.05	12,352.28	-3,064.23	69.00	3,064.80	3,065.01	178.71	0.91	95.00
131	16,088.00	86.33	179.52	12,355.49	-3,158.16	69.36	3,158.73	3,158.92	178.74	3.69	94.00
132	16,182.00	86.07	180.05	12,361.72	-3,251.95	69.71	3,252.52	3,252.70	178.77	0.63	94.00
133	16,276.00	87.74	181.10	12,366.80	-3,345.81	68.77	3,346.36	3,346.51	178.82	2.10	94.00
134	16,370.00	86.81	181.01	12,371.26	-3,439.68	67.04	3,440.21	3,440.34	178.88	0.99	94.00
135	16,464.00	88.13	182.07	12,375.41	-3,533.56	64.51	3,534.05	3,534.14	178.95	1.80	94.00
136	16,560.00	90.64	181.63	12,376.44	-3,629.49	61.41	3,629.94	3,630.01	179.03	2.65	96.00
137	16,655.00	91.43	181.01	12,374.73	-3,724.45	59.23	3,724.87	3,724.92	179.09	1.06	95.00
138	16,749.00	90.37	180.92	12,373.25	-3,818.42	57.64	3,818.82	3,818.86	179.14	1.13	94.00
139	16,844.00	89.14	179.25	12,373.66	-3,913.42	57.50	3,913.81	3,913.84	179.16	2.18	95.00
140	16,938.00	91.96	179.52	12,372.76	-4,007.40	58.51	4,007.80	4,007.83	179.16	3.01	94.00
141	17,032.00	90.15	178.38	12,371.02	-4,101.36	60.23	4,101.77	4,101.80	179.16	2.28	94.00
142	17,126.00	92.48	178.46	12,368.87	-4,195.29	62.82	4,195.73	4,195.76	179.14	2.48	94.00
143	17,140.00	92.97	178.55	12,368.20	-4,209.27	63.19	4,209.71	4,209.75	179.14	3.56	14.00
PTB	17,188.00	92.97	178.55	12,365.71	-4,257.19	64.40	4,257.64	4,257.68	179.13	0.00	48.00