

HOBBS OCD
APR 03 2017
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Lea County, NM (NAD 83 NME)
Audacious BTL Federal Com #2H
H&P 621
Plan #1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #2H

Ground Level: 3449.0
KB = 25 @ 3474.0usft (H&P 621)
Northing: 406885.80 Easting: 765298.30
Latitude: 32° 6' 57.572 N Longitude: 103° 36' 35.809 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	11838.5	0.00	0.00	11838.5	0.0	0.0	0.00	0.00	0.0	
3	12589.4	90.11	179.87	12316.0	-478.4	1.1	12.00	179.87	478.4	TGT#1 (Audacious #2H)
4	14111.0	90.11	179.87	12313.0	-2000.0	4.4	0.00	0.00	2000.0	
5	14115.0	90.19	179.87	12313.0	-2004.0	4.4	2.00	0.00	2004.0	TGT#2 (Audacious #2H)
6	17111.1	90.19	179.87	12303.0	-5000.0	11.0	0.00	0.00	5000.0	
7	17113.9	90.13	179.87	12303.0	-5002.8	11.0	2.00	180.00	5002.8	PBHL (Audacious #2H)
8	19665.7	90.13	179.87	12297.0	-7554.6	16.6	0.00	0.00	7554.6	

To convert a Magnetic Direction to a Grid Direction, Add 6.62°
To convert a Magnetic Direction to a True Direction, Add 7.01° East
To convert a True Direction to a Grid Direction, Subtract 0.39°



Azimuths to Grid North
True North: -0.39°
Magnetic North: 6.62°

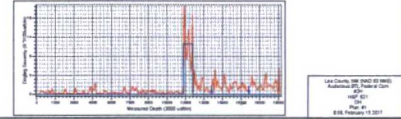
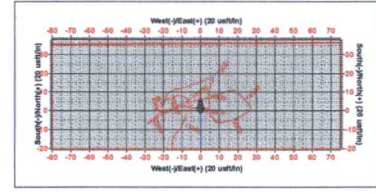
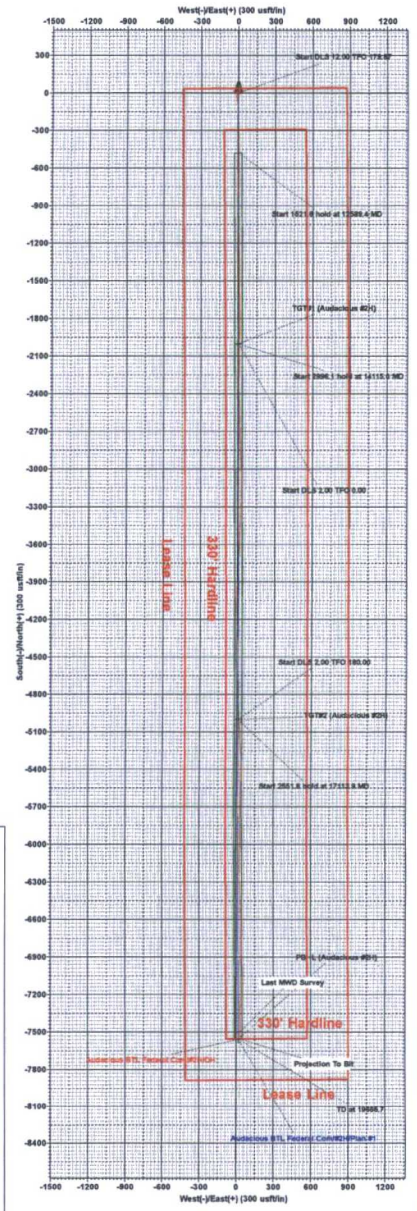
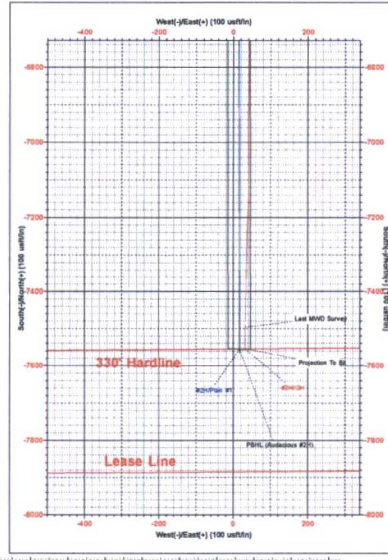
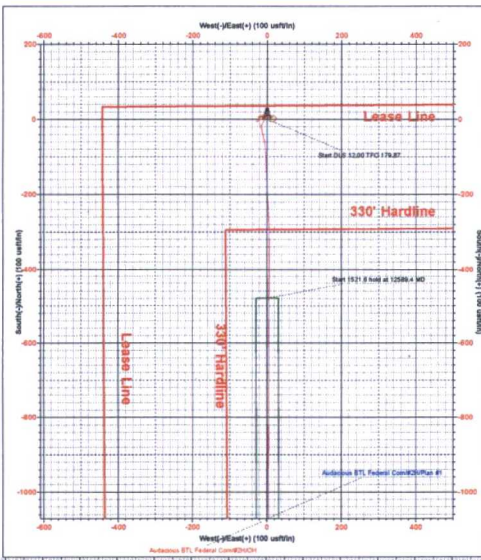
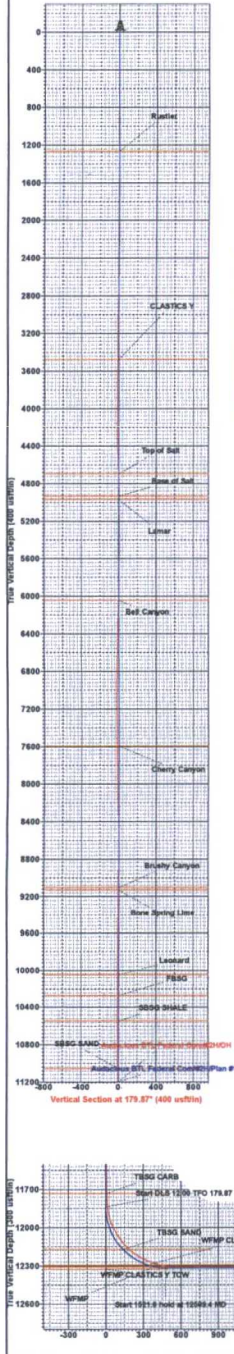
Magnetic Field
Strength: 47911.9snT
Dip Angle: 59.96°
Date: 1/18/2017
Model: IGRF2015

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Audacious #2H)	12297.0	-7664.6	16.6	399131.20	765315.10
TGT#2 (Audacious #2H)	12303.0	-5000.0	11.0	401685.80	765309.49
TGT#1 (Audacious #2H)	12313.0	-2000.0	4.4	404685.80	765302.89



Lea County, NM (NAD 83 NME)
Audacious BTL Federal Com #2H
H&P 621
Plan #1
4/3/2017



Operator: EOG Resources
Lease Name: Audacious BTL Fed Com #2H
Job Number: IDS- ID-1467

Target KBTVD: 12316
Target Angle: 90.13°
Section Plane: 179.87°
Declination Correction: 6.62

Survey Company: Intrepid Directional Drilling Specialists

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD
Tie In	0	0.0	0		0	0	0	0			
1	176	0.1	221.1	176	176.0	0.1	-0.1	-0.1	0.1	0.1	176.00
2	288	0.4	38.2	112	288.0	-0.1	0.1	0.1	0.3	0.4	288.00
3	349	0.4	339.8	61	349.0	-0.5	0.5	0.1	0.0	0.6	349.00
4	479	1	285.6	130	479.0	-1.2	1.2	-1.1	0.5	0.6	478.99
5	696	1.7	275.2	217	695.9	-2.0	2.0	-6.1	0.3	0.3	695.92
6	789	1.3	272.4	93	788.9	-2.2	2.2	-8.6	-0.4	0.4	788.89
7	882	1.4	265.5	93	881.9	-2.2	2.1	-10.8	0.1	0.2	881.86
8	975	1.7	259.2	93	974.8	-1.8	1.8	-13.2	0.3	0.4	974.83
9	1027	1.6	244.5	52	1026.8	-1.4	1.3	-14.7	-0.2	0.8	1026.81
10	1158	1.8	250.7	131	1157.8	0.1	-0.1	-18.3	0.2	0.2	1157.76
11	1251	0.6	264	93	1250.7	0.6	-0.7	-20.1	-1.3	1.3	1250.73
12	1344	0.4	264.4	93	1343.7	0.7	-0.7	-20.9	-0.2	0.2	1343.73
13	1438	0.5	229	94	1437.7	1.0	-1.0	-21.6	0.1	0.3	1437.73
14	1531	0.7	233.6	93	1530.7	1.6	-1.7	-22.3	0.2	0.2	1530.72
15	1625	0.7	221.2	94	1624.7	2.4	-2.4	-23.2	0.0	0.2	1624.72
16	1719	0.9	229.9	94	1718.7	3.3	-3.3	-24.1	0.2	0.2	1718.71
17	1813	0.8	216.2	94	1812.7	4.3	-4.3	-25.1	-0.1	0.2	1812.70
18	1907	0.7	236.9	94	1906.7	5.1	-5.2	-25.9	-0.1	0.3	1906.70
19	2001	0.7	235.8	94	2000.7	5.8	-5.8	-26.9	0.0	0.0	2000.69
20	2094	0.4	254.3	93	2093.7	6.2	-6.2	-27.7	-0.3	0.4	2093.69
21	2189	0.4	278.6	95	2188.7	6.2	-6.3	-28.3	0.0	0.2	2188.68
22	2282	0.8	75.8	93	2281.7	6.0	-6.1	-28.0	0.4	1.3	2281.68
23	2376	1.4	62.2	94	2375.7	5.3	-5.4	-26.4	0.6	0.7	2375.66
24	2469	1.5	61.3	93	2468.6	4.2	-4.2	-24.3	0.1	0.1	2468.63
25	2562	1.7	56.2	93	2561.6	2.8	-2.9	-22.1	0.2	0.3	2561.59
26	2656	1.8	63.7	94	2655.5	1.4	-1.5	-19.6	0.1	0.3	2655.54
27	2750	1.7	60.9	94	2749.5	0.1	-0.1	-17.0	-0.1	0.1	2749.50
28	2844	1.9	59.9	94	2843.5	-1.4	1.3	-14.5	0.2	0.2	2843.45
29	2937	2	65.3	93	2936.4	-2.8	2.8	-11.7	0.1	0.2	2936.39
30	3031	2.2	64.4	94	3030.3	-4.3	4.2	-8.5	0.2	0.2	3030.32
31	3125	0.9	86.5	94	3124.3	-5.1	5.1	-6.2	-1.4	1.5	3124.28
32	3219	1.1	89.3	94	3218.3	-5.1	5.1	-4.5	0.2	0.2	3218.27
33	3313	1.1	74.4	94	3312.3	-5.4	5.4	-2.8	0.0	0.3	3312.25
34	3407	1.2	79.9	94	3406.2	-5.8	5.8	-0.9	0.1	0.2	3406.23
35	3501	1.1	75.5	94	3500.2	-6.2	6.2	0.9	-0.1	0.1	3500.21
36	3595	0.9	76.6	94	3594.2	-6.6	6.6	2.5	-0.2	0.2	3594.19
37	3689	0.9	87.2	94	3688.2	-6.8	6.8	4.0	0.0	0.2	3688.18
38	3783	1.6	68.7	94	3782.2	-7.3	7.3	5.9	0.7	0.9	3782.16
39	3877	1.6	68.2	94	3876.1	-8.3	8.3	8.4	0.0	0.0	3876.12
40	3971	1.5	68.9	94	3970.1	-9.2	9.2	10.7	-0.1	0.1	3970.08
41	4065	1.4	76.7	94	4064.1	-9.9	9.9	13.0	-0.1	0.2	4064.05
42	4158	1.4	69.9	93	4157.0	-10.5	10.6	15.2	0.0	0.2	4157.02
43	4253	2	90.6	95	4252.0	-10.9	10.9	17.9	0.6	0.9	4251.98
44	4347	1.8	144.2	94	4346.0	-9.7	9.7	20.4	-0.2	1.8	4345.93
45	4440	1.6	136.5	93	4438.9	-7.6	7.6	22.2	-0.2	0.3	4438.89
46	4534	2.7	133	94	4532.8	-5.1	5.1	24.7	1.2	1.2	4532.83
47	4627	1.9	145.5	93	4625.8	-2.3	2.4	27.2	-0.9	1.0	4625.76
48	4721	1.7	234.2	94	4719.7	-0.2	0.3	26.9	-0.2	2.7	4719.72
49	4815	1.8	235.7	94	4813.7	1.4	-1.4	24.6	0.1	0.1	4813.68
50	4909	1.8	245.2	94	4907.6	2.9	-2.8	22.0	0.0	0.3	4907.64
51	5002	1.6	242.8	93	5000.6	4.1	-4.0	19.5	-0.2	0.2	5000.60
52	5095	1.5	253.6	93	5093.6	5.0	-5.0	17.2	-0.1	0.3	5093.57

Operator: EOG Resources
Lease Name: Audacious BTL Fed Com #2H
Job Number: IDS- ID-1467

Target KBTVD: 12316
Target Angle: 90.13°
Section Plane: 179.87°

Survey Company: Intrepid Directional Drilling Specialists

Declination Correction: 6.62

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD
53	5189	1.5	260	94	5187.5	5.6	-5.5	14.8	0.0	0.2	5187.53
54	5283	1.4	261.9	94	5281.5	5.9	-5.9	12.5	-0.1	0.1	5281.51
55	5377	1.3	259.6	94	5375.5	6.3	-6.3	10.3	-0.1	0.1	5375.48
56	5471	0.7	301.1	94	5469.5	6.2	-6.2	8.7	-0.6	1.0	5469.46
57	5566	0.9	335.9	95	5564.4	5.2	-5.2	7.9	0.2	0.5	5564.45
58	5660	1.1	312.7	94	5658.4	3.9	-3.9	7.0	0.2	0.5	5658.44
59	5755	1.1	310.6	95	5753.4	2.7	-2.7	5.6	0.0	0.0	5753.42
60	5941	0.8	351.3	186	5939.4	0.2	-0.2	4.0	-0.2	0.4	5939.38
61	6035	1	10.8	94	6033.4	-1.2	1.2	4.1	0.2	0.4	6033.37
62	6130	1.2	18	95	6128.4	-3.0	3.0	4.6	0.2	0.3	6128.35
63	6221	1	356.2	91	6219.3	-4.7	4.7	4.8	-0.2	0.5	6219.33
64	6318	0.7	355.1	97	6316.3	-6.1	6.1	4.7	-0.3	0.3	6316.31
65	6411	0.9	347.4	93	6409.3	-7.4	7.4	4.5	0.2	0.2	6409.30
66	6506	0.9	6.4	95	6504.3	-8.9	8.9	4.4	0.0	0.3	6504.29
67	6600	1.1	11.3	94	6598.3	-10.5	10.5	4.7	0.2	0.2	6598.27
68	6694	1.3	14.1	94	6692.3	-12.4	12.4	5.1	0.2	0.2	6692.24
69	6788	1.1	25.7	94	6786.3	-14.2	14.3	5.8	-0.2	0.3	6786.22
70	6881	1.3	19	93	6879.2	-16.0	16.1	6.5	0.2	0.3	6879.19
71	6975	0.7	349.9	94	6973.2	-17.6	17.6	6.7	-0.6	0.8	6973.17
72	7069	1.5	253.1	94	7067.2	-17.8	17.8	5.5	0.9	1.8	7067.16
73	7163	1.9	243	94	7161.2	-16.8	16.8	2.9	0.4	0.5	7161.12
74	7256	1.5	246.1	93	7254.1	-15.6	15.6	0.4	-0.4	0.4	7254.08
75	7349	1.2	250.3	93	7347.1	-14.8	14.8	-1.6	-0.3	0.3	7347.06
76	7438	1.2	254.6	89	7436.1	-14.2	14.2	-3.4	0.0	0.1	7436.04
77	7532	1.4	259.7	94	7530.0	-13.7	13.7	-5.5	0.2	0.2	7530.02
78	7626	2.2	236.4	94	7624.0	-12.5	12.5	-8.1	0.9	1.1	7623.97
79	7721	1.1	289.3	95	7719.0	-11.8	11.8	-10.5	-1.2	1.9	7718.93
80	7814	2	258.2	93	7811.9	-11.8	11.8	-12.9	1.0	1.3	7811.90
81	7909	2.3	237.3	95	7906.9	-10.4	10.4	-16.1	0.3	0.9	7906.84
82	8002	1.1	207.9	93	7999.8	-8.7	8.6	-18.1	-1.3	1.6	7999.79
83	8189	1.5	197.8	187	8186.8	-4.7	4.7	-19.7	0.2	0.2	8186.76
84	8282	1.1	180.6	93	8279.7	-2.7	2.6	-20.1	-0.4	0.6	8279.74
85	8376	0.7	162.4	94	8373.7	-1.2	1.2	-19.9	-0.4	0.5	8373.73
86	8469	0.7	166.3	93	8466.7	-0.1	0.1	-19.6	0.0	0.1	8466.72
87	8562	0.5	26.1	93	8559.7	0.0	-0.1	-19.3	-0.2	1.2	8559.72
88	8656	0.1	311.8	94	8653.7	-0.4	0.3	-19.2	-0.4	0.5	8653.71
89	8749	0.3	222.9	93	8746.7	-0.3	0.2	-19.4	0.2	0.3	8746.71
90	8842	0.4	231.5	93	8839.7	0.1	-0.2	-19.8	0.1	0.1	8839.71
91	8936	0.7	2.1	94	8933.7	-0.2	0.2	-20.1	0.3	1.1	8933.71
92	9030	1.3	353.8	94	9027.7	-1.9	1.8	-20.2	0.6	0.7	9027.69
93	9124	0.7	333.8	94	9121.7	-3.5	3.4	-20.5	-0.6	0.7	9121.67
94	9217	0.7	296.9	93	9214.7	-4.2	4.2	-21.3	0.0	0.5	9214.66
95	9311	1.2	355.1	94	9308.7	-5.5	5.4	-21.9	0.5	1.1	9308.65
96	9405	0.8	355.9	94	9402.6	-7.1	7.1	-22.0	-0.4	0.4	9402.63
97	9497	0.4	259.7	92	9494.6	-7.7	7.6	-22.4	-0.4	1.0	9494.62
98	9591	0.4	273.2	94	9588.6	-7.7	7.6	-23.0	0.0	0.1	9588.62
98	9685	0.2	189.4	94	9682.6	-7.5	7.5	-23.4	-0.2	0.5	9682.62
99	9779	0.4	128.1	94	9776.6	-7.1	7.1	-23.2	0.2	0.4	9776.62
100	9873	0.6	102.1	94	9870.6	-6.8	6.8	-22.4	0.2	0.3	9870.62
101	9967	0.9	108.1	94	9964.6	-6.5	6.5	-21.2	0.3	0.3	9964.61
102	10061	0.9	108.7	94	10058.6	-6.0	6.0	-19.8	0.0	0.0	10058.60
103	10155	0.7	69.2	94	10152.6	-6.0	6.0	-18.6	-0.2	0.6	10152.59
104	10249	0.9	69.2	94	10246.6	-6.5	6.4	-17.4	0.2	0.2	10246.58
105	10342	0.8	76.3	93	10339.6	-6.9	6.8	-16.1	-0.1	0.2	10339.57
106	10436	0.8	58.8	94	10433.6	-7.4	7.3	-14.9	0.0	0.3	10433.56
107	10529	1.0	71.1	93	10526.6	-8.0	7.9	-13.5	0.2	0.3	10526.55

Operator: EOG Resources
Lease Name: Audacious BTL Fed Com #2H
Job Number: IDS- ID-1467

Target KBTVD: 12316
Target Angle: 90.13°
Section Plane: 179.87°
Declination Correction: 6.62

Survey Company: Intrepid Directional Drilling Specialists

Declination Correction: 6.62

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD
108	10623	1.1	94.7	94	10620.5	-8.1	8.1	-11.9	0.1	0.5	10620.53
109	10717	1.3	107.8	94	10714.5	-7.7	7.7	-10.0	0.2	0.4	10714.51
110	10810	0.8	108.2	93	10807.5	-7.2	7.2	-8.3	-0.5	0.5	10807.50
111	10903	0.4	138.0	93	10900.5	-6.8	6.7	-7.5	-0.4	0.5	10900.49
112	10996	0.6	141.7	93	10993.5	-6.1	6.1	-7.0	0.2	0.2	10993.49
113	11089	0.8	153.6	93	11086.5	-5.2	5.2	-6.4	0.2	0.3	11086.48
114	11182	1.2	175.9	93	11179.5	-3.6	3.6	-6.0	0.4	0.6	11179.47
115	11276	1.6	192.6	94	11273.5	-1.4	1.3	-6.2	0.4	0.6	11273.45
116	11370	2.2	204.6	94	11367.4	1.6	-1.6	-7.3	0.6	0.8	11367.41
117	11463	1.9	201.6	93	11460.3	4.6	-4.6	-8.6	-0.3	0.3	11460.35
118	11556	1.8	208.8	93	11553.3	7.3	-7.3	-9.9	-0.1	0.3	11553.31
119	11629	2.0	210.4	73	11626.3	9.4	-9.4	-11.1	0.3	0.3	11626.28
120	11760	1.9	225.7	131	11757.2	12.9	-12.9	-13.8	-0.1	0.4	11757.21
121	11853	3.2	189.3	93	11850.1	16.5	-16.6	-15.3	1.4	2.2	11850.13
122	11900	12.7	168.9	47	11896.6	22.9	-23.0	-14.5	20.2	20.8	11896.64
123	11946	21	166.4	46	11940.6	35.9	-35.9	-11.6	18.0	18.1	11940.66
124	11993	25	169.2	47	11983.8	53.9	-53.9	-7.8	8.5	8.8	11983.96
125	12040	29.6	172.8	47	12025.6	75.2	-75.2	-4.4	9.8	10.4	12025.76
126	12086	33	176.2	46	12064.9	99.0	-99.0	-2.2	7.4	8.3	12065.12
127	12133	36.6	179.4	47	12103.5	125.8	-125.8	-1.2	7.7	8.6	12103.77
128	12180	41.3	178.8	47	12140.0	155.3	-155.3	-0.7	10.0	10.0	12140.38
129	12227	47.6	176.5	47	12173.6	188.2	-188.2	0.7	13.4	13.8	12173.99
130	12273	54.7	176.1	46	12202.4	223.9	-223.9	3.0	15.4	15.4	12202.91
131	12320	60.5	177.6	47	12227.6	263.5	-263.5	5.2	12.3	12.6	12228.17
132	12366	65.1	178.5	46	12248.6	304.4	-304.4	6.5	10.0	10.2	12249.28
133	12413	68.9	180	47	12267.0	347.6	-347.6	7.1	8.1	8.6	12267.74
134	12459	71.3	180.7	46	12282.6	390.9	-390.9	6.8	5.2	5.4	12283.50
135	12506	74.9	180.1	47	12296.3	435.8	-435.8	6.5	7.7	7.8	12297.26
136	12537	77.1	180	31	12303.8	465.9	-465.9	6.5	7.1	7.1	12304.83
137	12575	84.3	179.9	38	12309.9	503.4	-503.4	6.5	18.9	18.9	12311.05
138	12606	88.4	180.3	31	12311.9	534.3	-534.3	6.5	13.2	13.3	12313.09
139	12637	88.4	180.1	31	12312.7	565.3	-565.3	6.4	0.0	0.6	12314.03
140	12730	93.7	179.5	93	12311.0	658.3	-658.2	6.7	5.7	5.7	12312.54
141	12823	92.1	180.6	93	12306.3	751.1	-751.1	6.6	-1.7	2.1	12308.04
142	12916	89.1	180.8	93	12305.4	844.1	-844.1	5.5	-3.2	3.2	12307.28
143	13009	88.8	179.8	93	12307.1	937.1	-937.0	5.0	-0.3	1.1	12309.20
144	13102	90.8	179.2	93	12307.4	1030.0	-1030.0	5.8	2.2	2.2	12309.73
145	13196	91.1	178.6	94	12305.8	1124.0	-1124.0	7.6	0.3	0.7	12308.39
146	13289	89	179.1	93	12305.8	1217.0	-1217.0	9.5	-2.3	2.3	12308.52
147	13382	92.7	179.9	93	12304.4	1310.0	-1309.9	10.3	4.0	4.1	12307.35
148	13476	89.4	179.8	94	12302.7	1403.9	-1403.9	10.5	-3.5	3.5	12305.84
149	13570	88.9	179.6	94	12304.0	1497.9	-1497.9	11.0	-0.5	0.6	12307.45
150	13663	89.7	178.5	93	12305.2	1590.9	-1590.9	12.6	0.9	1.5	12308.79
151	13756	91	179.4	93	12304.6	1683.9	-1683.8	14.3	1.4	1.7	12308.44
152	13850	90.8	180.6	94	12303.1	1777.8	-1777.8	14.3	-0.2	1.3	12307.17
153	13943	91	180.3	93	12301.7	1870.8	-1870.8	13.5	0.2	0.4	12305.92
154	14037	90.6	180.5	94	12300.4	1964.8	-1964.8	12.9	-0.4	0.5	12304.83
155	14131	89.3	180	94	12300.4	2058.8	-2058.8	12.5	-1.4	1.5	12305.12
156	14225	92.6	181.3	94	12298.9	2152.8	-2152.7	11.4	3.5	3.8	12303.78
157	14319	93.1	181.1	94	12294.2	2246.6	-2246.6	9.4	0.5	0.6	12299.31
158	14413	88.4	178.2	94	12293.0	2340.5	-2340.5	10.0	-5.0	5.9	12298.30
159	14506	89.7	178.7	93	12294.5	2433.5	-2433.4	12.5	1.4	1.5	12300.05
160	14600	86.6	178.8	94	12297.6	2527.4	-2527.3	14.6	-3.3	3.3	12303.30
161	14693	88.7	178.9	93	12301.4	2620.3	-2620.2	16.4	2.3	2.3	12307.32
162	14787	90.2	178.5	94	12302.3	2714.2	-2714.2	18.6	1.6	1.7	12308.44
163	14881	88.7	178.4	94	12303.2	2808.2	-2808.2	21.1	-1.6	1.6	12309.55

Operator: **EOG Resources**
Lease Name: **Audacious BTL Fed Com #2H**
Job Number: **IDS- ID-1467**

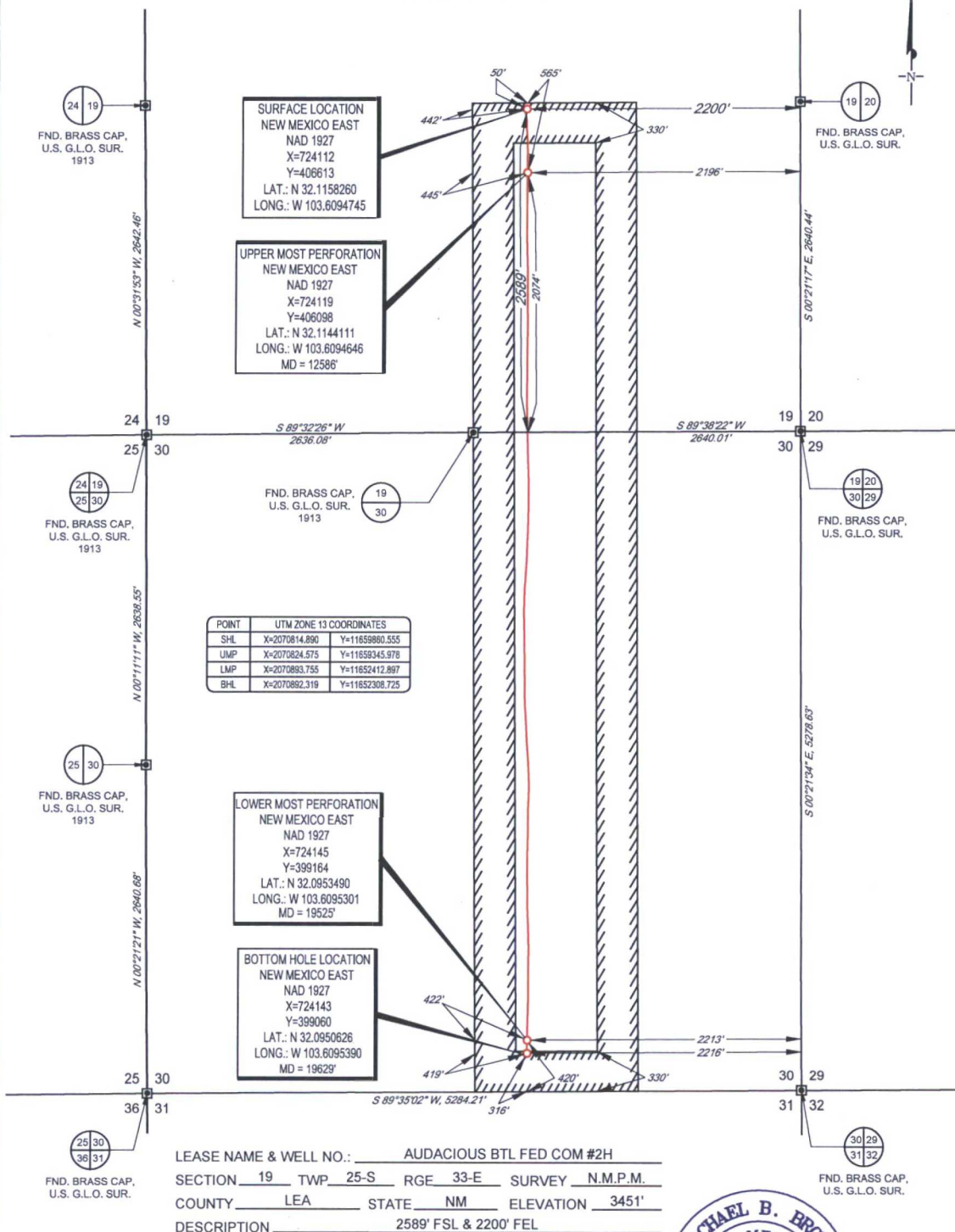
Target KBTVD: **12316**
Target Angle: **90.13°**
Section Plane: **179.87°**
Declination Correction: **6.62**

Survey Company: **Intrepid Directional Drilling Specialists**

#	Survey Depth	Inc. (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD
164	14975	89.1	177.6	94	12305.0	2902.1	-2902.1	24.4	0.4	1.0	12311.57
165	15069	89.8	178.9	94	12305.9	2996.1	-2996.0	27.3	0.7	1.6	12312.69
166	15163	94.2	179.9	94	12302.6	3090.0	-3089.9	28.2	4.7	4.8	12309.62
167	15256	92.8	181.4	93	12296.9	3182.8	-3182.7	27.2	-1.5	2.2	12304.15
168	15350	91.3	181.5	94	12293.6	3276.7	-3276.6	24.8	-1.6	1.6	12301.00
169	15444	90	181.8	94	12292.5	3370.6	-3370.6	22.1	-1.4	1.4	12300.15
170	15538	89.7	181.8	94	12292.7	3464.6	-3464.6	19.2	-0.3	0.3	12300.61
171	15632	87.4	182.4	94	12295.1	3558.5	-3558.4	15.7	-2.4	2.5	12303.20
172	15726	88.4	183.1	94	12298.6	3652.3	-3652.3	11.2	1.1	1.3	12306.86
173	15820	88.3	184.4	94	12301.3	3746.0	-3746.0	5.1	-0.1	1.4	12309.78
174	15914	87.3	182	94	12304.9	3839.8	-3839.8	-0.2	-1.1	2.8	12313.60
175	16007	90	182	93	12307.1	3932.7	-3932.7	-3.4	2.9	2.9	12316.00
176	16101	88.1	179.9	94	12308.6	4026.6	-4026.6	-5.0	-2.0	3.0	12317.77
177	16195	89.7	179.4	94	12310.4	4120.6	-4120.6	-4.4	1.7	1.8	12319.79
178	16288	89.3	178.5	93	12311.3	4213.6	-4213.6	-2.7	-0.4	1.1	12320.81
179	16382	91.1	179.2	94	12310.9	4307.6	-4307.6	-0.8	1.9	2.1	12320.70
180	16466	90	179.3	84	12310.1	4391.5	-4391.5	0.3	-1.3	1.3	12320.08
181	16560	88.3	179.2	94	12311.5	4485.5	-4485.5	1.5	-1.8	1.8	12321.69
182	16654	91	179.9	94	12312.1	4579.5	-4579.5	2.2	2.9	3.0	12322.48
183	16748	90.2	179	94	12311.1	4673.5	-4673.5	3.1	-0.9	1.3	12321.70
184	16841	88.4	177.7	93	12312.2	4766.4	-4766.4	5.8	-1.9	2.4	12323.05
185	16933	88.7	176.7	92	12314.6	4858.3	-4858.3	10.3	0.3	1.1	12325.59
186	17026	89.3	176.7	93	12316.2	4951.1	-4951.1	15.7	0.6	0.6	12327.42
187	17121	90.6	176.5	95	12316.3	5046.0	-5045.9	21.3	1.4	1.4	12327.72
188	17214	89	175.8	93	12316.6	5138.8	-5138.7	27.5	-1.7	1.9	12328.26
189	17308	91.1	176.3	94	12316.5	5232.6	-5232.5	34.0	2.2	2.3	12328.39
190	17401	94.4	178.6	93	12312.1	5325.4	-5325.3	38.2	3.5	4.3	12324.13
191	17494	94.3	180.6	93	12305.0	5418.1	-5418.0	38.8	-0.1	2.1	12317.29
192	17588	91.6	181.5	94	12300.2	5511.9	-5511.8	37.1	-2.9	3.0	12312.67
193	17681	89.7	181.1	93	12299.1	5604.8	-5604.8	35.0	-2.0	2.1	12311.82
194	17775	90.7	180.3	94	12298.8	5698.8	-5698.8	33.8	1.1	1.4	12311.71
195	17868	89.8	180.7	93	12298.4	5791.8	-5791.8	33.0	-1.0	1.1	12311.51
196	17962	88	180.7	94	12300.2	5885.8	-5885.7	31.9	-1.9	1.9	12313.53
197	18055	89.9	181.3	93	12301.9	5978.7	-5978.7	30.2	2.0	2.1	12315.45
198	18149	89	179.4	94	12302.8	6072.7	-6072.7	29.7	-1.0	2.2	12316.56
199	18242	89.4	180.1	93	12304.1	6165.7	-6165.7	30.1	0.4	0.9	12318.07
200	18336	89.7	179.1	94	12304.8	6259.7	-6259.7	30.7	0.3	1.1	12319.02
201	18430	92.9	179.5	94	12302.7	6353.7	-6353.6	31.9	3.4	3.4	12317.10
202	18523	88.4	178.1	93	12301.6	6446.6	-6446.5	33.8	-4.8	5.1	12316.26
203	18618	87.3	177.3	95	12305.2	6541.4	-6541.4	37.6	-1.2	1.4	12320.04
204	18712	89.1	178.4	94	12308.1	6635.3	-6635.2	41.2	1.9	2.2	12323.21
205	18806	87.9	180.2	94	12310.6	6729.3	-6729.2	42.3	-1.3	2.3	12325.88
206	18900	89.3	181.2	94	12312.9	6823.2	-6823.1	41.2	1.5	1.8	12328.39
207	18993	90.9	180	93	12312.7	6916.2	-6916.1	40.2	1.7	2.2	12328.44
208	19087	91.9	179.5	94	12310.4	7010.2	-7010.1	40.6	1.1	1.2	12326.35
209	19181	90.1	180.3	94	12308.8	7104.2	-7104.1	40.8	-1.9	2.1	12324.93
210	19275	92.1	182.5	94	12307.0	7198.1	-7198.0	38.5	2.1	3.2	12323.34
211	19369	89.4	181	94	12305.8	7292.0	-7291.9	35.6	-2.9	3.3	12322.32
212	19463	89.9	181	94	12306.3	7386.0	-7385.9	34.0	0.5	0.5	12323.11
213	19557	90.6	181.1	94	12305.9	7480.0	-7479.9	32.2	0.7	0.8	12322.91
214	19572	89.7	181.2	15	12305.9	7495.0	-7494.9	31.9	-6.0	6.0	12322.90
TD	19630	89.7	181.2	58	12306.2	7552.9	-7552.9	30.7	0.0	0.0	12323.34

SCALE: 1" = 1000'

SECTION 19, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



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Michael Blake Brown, P.S. No. 18329
MARCH 14, 2017

AUDACIOUS BTL FED COM #2H AS-COMPLETED DATE: 03/14/17 FILE: AD_AUDACIOUSBTLFEDCOM_2H DRAWN BY: A.C.C. SHEET: 1 OF 1	REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 19 27. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.