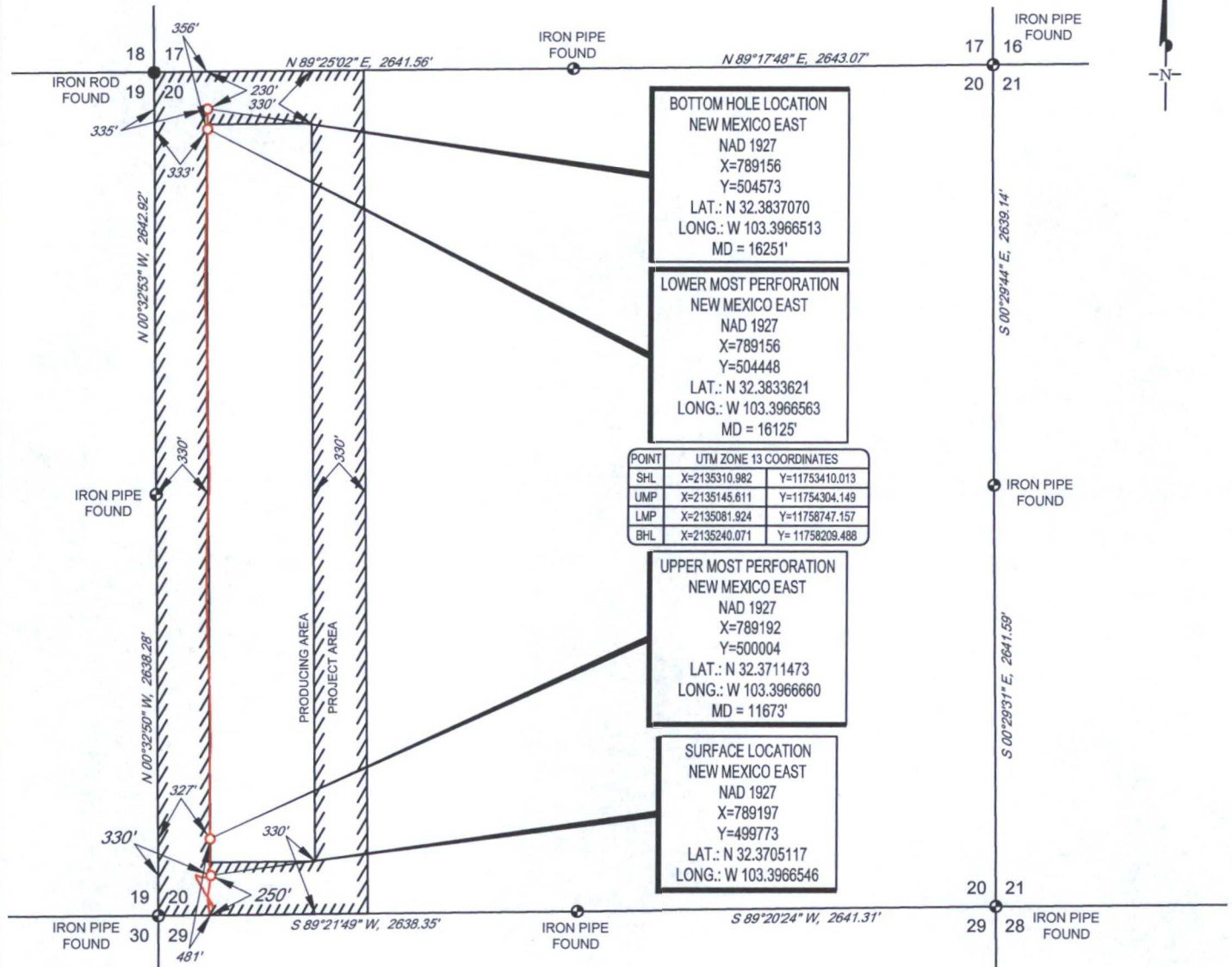


SCALE: 1" = 1000'

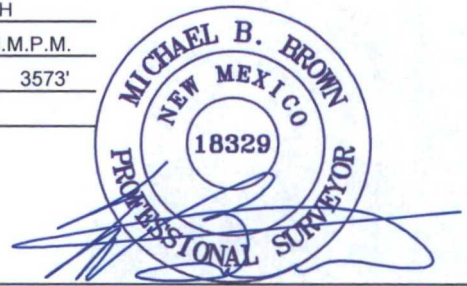
SECTION 20, TOWNSHIP 22-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: _____ BRIDGE 20 STATE #701H
SECTION 20 TWP 22-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3573'
DESCRIPTION 250' FSL & 330' FWL



1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Michael Blake Brown, P.S. No. 18329
OCTOBER 11, 2016



BRIDGE 20 STATE UNIT #701H AS-COMPLETED	REVISION:		NOTES:
	INT	DATE	
DATE: 10/11/16			1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 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 1927. 3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY EOG RESOURCES, INC. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
FILE:AD_BRIDGE20STATE_701H			
DRAWN BY: A.C.C.			
SHEET: 1 OF 1			



Directional Survey Report

HOBBS OCD

OCT 17 2016

RECEIVED

Company Name: EOG Resources
Well Name: Bridge State Unit #701H ST01
Field: Wolfcamp
Rig ID: PD 612

State/Prov: New Mexico
County: Lea County
Location: Lea Co NM
API/UWI: 30-025-4285901

Survey Company: Precision Directional Services
Job Number: WT160001
Latitude: 32.370512
Longitude: -103.396656

Proposed Azimuth: 359.45
Declination: 6.53
North Reference: Grid
KB: 3573

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS
TieIn	0	0	0	0	0	0	0	0
1	100	0.46	202.25	100.00	-0.37	-0.15	-0.37	0.46
2	200	0.75	214.73	199.99	-1.28	-0.68	-1.27	0.32
3	300	0.88	248.93	299.98	-2.09	-1.77	-2.08	0.50
4	400	1.43	237.20	399.96	-3.05	-3.53	-3.01	0.60
5	500	1.32	238.19	499.93	-4.33	-5.56	-4.28	0.11
6	600	2.16	248.87	599.89	-5.62	-8.30	-5.54	0.90
7	700	2.83	253.23	699.79	-7.01	-12.42	-6.89	0.70
8	800	3.60	256.18	799.63	-8.47	-17.83	-8.30	0.79
9	900	4.34	260.61	899.39	-9.84	-24.61	-9.60	0.80
10	1000	5.15	265.28	999.05	-10.82	-32.82	-10.51	0.90
11	1100	4.86	270.27	1,098.67	-11.17	-41.53	-10.77	0.52
12	1200	4.27	274.10	1,198.35	-10.89	-49.48	-10.41	0.66
13	1300	3.83	279.84	1,298.10	-10.05	-56.48	-9.51	0.60
14	1400	3.50	284.20	1,397.90	-8.73	-62.73	-8.13	0.43
15	1500	3.21	291.30	1,497.73	-6.97	-68.30	-6.31	0.51
16	1600	2.77	294.57	1,597.59	-4.94	-73.10	-4.24	0.47
17	1700	3.41	291.98	1,697.45	-2.83	-78.06	-2.08	0.65
18	1730	3.24	294.51	1,727.39	-2.14	-79.66	-1.38	0.75
19	1886	3.70	303.80	1,883.11	2.49	-87.85	3.33	0.46
20	2070	1.80	221.50	2,066.94	3.63	-94.70	4.54	2.11
21	2255	2.60	154.70	2,251.83	-2.34	-94.84	-1.43	1.36
22	2440	5.20	152.60	2,436.39	-13.58	-89.18	-12.72	1.41
23	2624	4.70	155.10	2,619.70	-27.82	-82.17	-27.03	0.30
24	2809	6.10	149.80	2,803.88	-43.19	-74.04	-42.48	0.80
25	2994	6.10	147.30	2,987.83	-59.96	-63.78	-59.34	0.14
26	3178	4.70	147	3,171.01	-74.51	-54.39	-73.98	0.76
27	3363	4.90	154.90	3,355.36	-88.02	-46.91	-87.57	0.37
28	3547	5.80	149.80	3,538.56	-103.17	-38.90	-102.79	0.55
29	3732	5.50	143.60	3,722.66	-118.39	-28.94	-118.10	0.37
30	3916	6.70	146.60	3,905.62	-134.45	-17.80	-134.27	0.67
31	4101	5.90	144.50	4,089.50	-151.20	-6.34	-151.13	0.45
32	4285	4	147	4,272.80	-164.28	2.65	-164.30	1.04
33	4470	3.30	143.30	4,457.43	-173.96	9.35	-174.04	0.40

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS
34	4655	2.60	177.90	4,642.20	-182.42	12.68	-182.54	1.01
35	4840	1.80	170.50	4,827.06	-189.48	13.32	-189.60	0.46
36	5024	1.10	172.50	5,011.00	-194.08	14.03	-194.21	0.38
37	5209	0.40	179.50	5,195.98	-196.49	14.26	-196.62	0.38
38	5393	0.30	167.20	5,379.98	-197.60	14.38	-197.73	0.07
39	5578	0.30	138.90	5,564.98	-198.44	14.80	-198.57	0.08
40	5763	0.40	107.10	5,749.97	-199.00	15.74	-199.14	0.12
41	5855	0.40	105.70	5,841.97	-199.18	16.35	-199.32	0.01
42	5947	0.50	35.50	5,933.97	-198.94	16.89	-199.09	0.57
43	5978	0.50	43.10	5,964.97	-198.73	17.07	-198.88	0.21
44	6130	0.70	0.60	6,116.96	-197.32	17.53	-197.47	0.31
45	6223	0.80	346	6,209.95	-196.12	17.38	-196.27	0.23
46	6315	0.60	334.40	6,301.94	-195.06	17.01	-195.21	0.27
47	6407	0.60	13	6,393.94	-194.16	16.91	-194.31	0.43
48	6500	0.40	14.80	6,486.94	-193.37	17.11	-193.52	0.22
49	6592	0.50	12.70	6,578.93	-192.67	17.28	-192.82	0.11
50	6684	0.40	3.50	6,670.93	-191.95	17.38	-192.11	0.13
51	6776	0.50	4.10	6,762.93	-191.23	17.43	-191.39	0.11
52	6869	0.50	311.20	6,855.92	-190.56	17.16	-190.72	0.48
53	6961	0.60	339.80	6,947.92	-189.84	16.69	-190.00	0.31
54	7054	0.90	315.40	7,040.91	-188.87	16.01	-189.01	0.46
55	7146	0.80	304.80	7,132.90	-187.99	14.97	-188.12	0.20
56	7238	0.80	304.50	7,224.89	-187.26	13.92	-187.38	0.00
57	7331	0.80	334.40	7,317.88	-186.30	13.10	-186.42	0.44
58	7423	0.70	304.50	7,409.88	-185.40	12.36	-185.51	0.43
59	7515	1.10	303.20	7,501.87	-184.60	11.16	-184.70	0.44
60	7608	0.80	289.90	7,594.85	-183.89	9.80	-183.98	0.40
61	7700	1.10	277.10	7,686.84	-183.57	8.32	-183.64	0.40
62	7793	1.20	298.20	7,779.82	-182.99	6.58	-183.05	0.46
63	7885	1.20	310.80	7,871.80	-181.91	5.00	-181.95	0.29
64	7978	1.20	296.40	7,964.78	-180.84	3.39	-180.86	0.32
65	8070	1.20	294.30	8,056.76	-180.02	1.65	-180.02	0.05
66	8162	1.30	318.70	8,148.74	-178.84	0.08	-178.83	0.58
67	8254	1.10	313.30	8,240.72	-177.45	-1.25	-177.43	0.25
68	8347	1.40	305.70	8,333.70	-176.17	-2.82	-176.14	0.37
69	8439	1	309.80	8,425.68	-175.00	-4.35	-174.95	0.44
70	8532	0.50	289.90	8,518.67	-174.34	-5.36	-174.28	0.60
71	8624	0.70	240.80	8,610.66	-174.48	-6.23	-174.41	0.58
72	8716	0.70	240.30	8,702.66	-175.03	-7.20	-174.96	0.01
73	8809	0.90	173.30	8,795.65	-176.04	-7.61	-175.96	0.97
74	8901	1.10	203.90	8,887.64	-177.57	-7.89	-177.48	0.61
75	8993	1.10	230.50	8,979.62	-178.93	-8.93	-178.84	0.55
76	9086	1	272.80	9,072.61	-179.46	-10.42	-179.35	0.82
77	9178	1.70	219.90	9,164.58	-180.47	-12.10	-180.35	1.47
78	9271	2.70	213.20	9,257.51	-183.36	-14.19	-183.22	1.11

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS
79	9363	1.80	193.40	9,349.44	-186.58	-15.71	-186.42	1.28
80	9456	1.90	177.60	9,442.40	-189.54	-15.98	-189.38	0.56
81	9548	2.40	173.90	9,534.33	-192.98	-15.71	-192.82	0.56
82	9640	1.20	145.60	9,626.28	-195.69	-14.96	-195.54	1.59
83	9733	1	142.80	9,719.27	-197.14	-13.92	-197.00	0.22
84	9825	1.10	142.40	9,811.25	-198.48	-12.90	-198.35	0.11
85	9917	1.10	166	9,903.24	-200.04	-12.15	-199.91	0.49
86	10010	1	174.80	9,996.22	-201.71	-11.86	-201.59	0.20
87	10102	0.90	188.80	10,088.21	-203.22	-11.89	-203.10	0.27
88	10131	2.60	167	10,117.19	-204.09	-11.78	-203.97	6.19
89	10162	3.90	165.40	10,148.14	-205.80	-11.36	-205.68	4.20
90	10193	4.10	166.30	10,179.07	-207.89	-10.83	-207.78	0.68
91	10285	3.60	165.60	10,270.86	-213.89	-9.33	-213.79	0.55
92	10377	2.40	169.10	10,362.73	-218.58	-8.25	-218.49	1.32
93	10470	1.90	173.50	10,455.67	-222.02	-7.71	-221.94	0.57
94	10562	1.70	174.80	10,547.62	-224.89	-7.41	-224.81	0.22
95	10654	1.70	165.80	10,639.58	-227.58	-6.95	-227.50	0.29
96	10746	1.60	159.50	10,731.54	-230.10	-6.17	-230.03	0.22
97	10846	1.50	157.70	10,831.51	-232.62	-5.18	-232.56	0.11
98	10939	4.40	349.80	10,924.43	-230.23	-5.35	-230.17	6.32
99	10986	14	349.10	10,970.78	-222.86	-6.75	-222.78	20.43
100	11032	19	350.70	11,014.87	-210.00	-9.01	-209.90	10.91
101	11079	23.40	351.90	11,058.68	-193.20	-11.57	-193.08	9.41
102	11125	26	353	11,100.46	-174.14	-14.08	-174.00	5.74
103	11172	28	354.60	11,142.34	-152.93	-16.38	-152.77	4.53
104	11219	29.50	359.50	11,183.55	-130.37	-17.52	-130.20	5.94
105	11266	35.90	11.50	11,223.12	-105.25	-14.86	-105.10	19.33
106	11312	44.40	12	11,258.25	-76.24	-8.82	-76.15	18.49
107	11359	48.90	2.10	11,290.55	-42.40	-4.74	-42.35	18.04
108	11405	51.30	358.80	11,320.06	-7.12	-4.48	-7.08	7.58
109	11452	54.10	357.90	11,348.54	30.25	-5.57	30.30	6.15
110	11498	58.10	358.30	11,374.19	68.40	-6.83	68.46	8.73
111	11545	64.60	0	11,396.71	109.62	-7.42	109.68	14.19
112	11591	69.60	0.70	11,414.61	151.98	-7.16	152.04	10.96
113	11637	74.40	1.60	11,428.82	195.70	-6.28	195.75	10.60
114	11685	79	0.90	11,439.86	242.39	-5.26	242.43	9.69
115	11731	84.90	359.50	11,446.30	287.92	-5.10	287.95	13.18
116	11778	87.70	358.40	11,449.33	334.81	-5.96	334.85	6.40
117	11809	89.90	358.10	11,449.98	365.78	-6.91	365.83	7.16
118	11871	91.90	358.40	11,449.00	427.74	-8.80	427.81	3.26
119	11964	94.80	359.70	11,443.57	520.56	-10.34	520.63	3.42
120	12057	98.10	0.90	11,433.12	612.96	-9.86	613.02	3.77
121	12151	91	2.50	11,425.67	706.55	-7.08	706.59	7.74
122	12244	90.70	2.50	11,424.29	799.46	-3.02	799.45	0.32
123	12338	92	358.30	11,422.08	893.40	-2.37	893.39	4.68

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS
124	12431	95.80	358.30	11,415.75	986.13	-5.12	986.13	4.09
125	12525	94.30	358.30	11,407.48	1,079.72	-7.90	1,079.75	1.60
126	12618	91.40	357.60	11,402.85	1,172.54	-11.22	1,172.59	3.21
127	12711	89.50	357.40	11,402.12	1,265.44	-15.28	1,265.53	2.05
128	12804	89.80	357.70	11,402.69	1,358.35	-19.25	1,358.48	0.46
129	12897	90.10	358.10	11,402.77	1,451.29	-22.66	1,451.44	0.54
130	12989	90.50	358.10	11,402.29	1,543.24	-25.71	1,543.42	0.43
131	13082	87.70	356.70	11,403.75	1,636.12	-29.93	1,636.33	3.37
132	13175	89.10	358.60	11,406.35	1,729.00	-33.74	1,729.24	2.54
133	13269	90.20	359.70	11,406.92	1,822.99	-35.13	1,823.24	1.65
134	13362	92	0.40	11,405.14	1,915.96	-35.05	1,916.21	2.08
135	13455	92.20	2.80	11,401.73	2,008.86	-32.46	2,009.08	2.59
136	13548	88.70	1.40	11,401.00	2,101.78	-29.05	2,101.96	4.05
137	13641	89.40	1.60	11,402.54	2,194.73	-26.62	2,194.89	0.78
138	13734	91.20	3	11,402.05	2,287.65	-22.88	2,287.76	2.45
139	13827	90.80	3.20	11,400.43	2,380.50	-17.85	2,380.56	0.48
140	13921	88.50	359.50	11,401.00	2,474.45	-15.64	2,474.48	4.63
141	14014	86.90	358.30	11,404.74	2,567.35	-17.42	2,567.40	2.15
142	14107	87.70	357.90	11,409.12	2,660.20	-20.50	2,660.27	0.96
143	14200	95.10	357	11,406.85	2,753.01	-24.64	2,753.12	8.02
144	14294	98.60	356	11,395.64	2,846.15	-30.33	2,846.31	3.87
145	14387	95.80	359.70	11,383.98	2,938.33	-33.78	2,938.51	4.96
146	14480	91.80	0.60	11,377.82	3,031.10	-33.54	3,031.28	4.41
147	14573	87.70	0.90	11,378.22	3,124.07	-32.32	3,124.24	4.42
148	14666	88.40	359.10	11,381.39	3,217.01	-32.32	3,217.18	2.08
149	14759	92.80	358.40	11,380.41	3,309.96	-34.35	3,310.14	4.79
150	14853	93.40	358.30	11,375.33	3,403.79	-37.05	3,403.99	0.65
151	14946	93.10	357	11,370.06	3,496.56	-40.86	3,496.79	1.43
152	15038	93.90	356.90	11,364.44	3,588.25	-45.74	3,588.53	0.88
153	15133	95.10	359.70	11,356.99	3,682.91	-48.55	3,683.21	3.20
154	15226	91.40	0.90	11,351.71	3,775.74	-48.07	3,776.03	4.18
155	15319	89.30	0.40	11,351.15	3,868.73	-47.01	3,869.00	2.32
156	15412	91.50	0.70	11,350.50	3,961.71	-46.12	3,961.97	2.39
157	15505	93.70	1.60	11,346.28	4,054.59	-44.26	4,054.83	2.56
158	15598	86.80	359.70	11,345.87	4,147.53	-43.20	4,147.75	7.70
159	15691	93.50	0.90	11,345.63	4,240.47	-42.72	4,240.68	7.32
160	15784	89.30	1.10	11,343.36	4,333.41	-41.09	4,333.60	4.52
161	15878	94.40	359.70	11,340.32	4,427.32	-40.44	4,427.51	5.63
162	15970	96.20	359.30	11,331.83	4,518.92	-41.23	4,519.11	2.00
163	16063	87.80	0.20	11,328.58	4,611.78	-41.64	4,611.97	9.08
164	16156	86.70	0.20	11,333.04	4,704.67	-41.31	4,704.85	1.18
165	16187	85.70	0.20	11,335.10	4,735.60	-41.21	4,735.78	3.23
PTB	16252	85.70	0.20	11,339.97	4,800.42	-40.98	4,800.59	0