

30-025-42039

NEXUS

DIRECTIONAL SOLUTIONS, L.P.

Survey Sheet

Company:	E.O.G. RESOURCES, Inc.	Job Number:	14-0096	Calculation Method:	Minimum Curvature						
Well:	MARS 10 STATE #503H	GRID Decl.:	7.16	Reference point:	GRID NORTH						
Location:	LEA COUNTY, NM	Dir Driller:	Joe Paup	Proposed Azimuth	357.61						
Rig:	CACTUS 123	MWD Eng:	Tony Bautista	Depth Reference	Rig						
Leg:	Vert/ Curve/ Lateral	MWD Eng:	Roldan Diaz	Tie Into:	SURFACE						

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (ft/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
Tie In	0	0.00	0.00		0	0	0	0					
THE FOLLOWING ARE NEXUS MWD SURVEYS													
1	187	0.09	140.14	187	187.00	-0.12	0.11 S	0.09 E	0.15	140.14	0.05	0.05	74.94
2	249	0.44	136.27	62	249.00	-0.33	0.32 S	0.29 E	0.43	138.02	0.56	0.56	-6.24
3	307	0.57	117.64	58	307.00	-0.65	0.62 S	0.70 E	0.93	131.41	0.36	0.22	-32.12
4	368	0.53	143.83	61	367.99	-1.03	0.99 S	1.13 E	1.50	130.97	0.41	-0.07	42.93
5	493	0.48	158.68	125	492.99	-2.01	1.94 S	1.67 E	2.56	139.34	0.11	-0.04	11.88
6	583	0.48	157.80	90	582.99	-2.72	2.64 S	1.95 E	3.28	143.61	0.01	0.00	-0.98
7	672	0.79	170.54	89	671.98	-3.68	3.59 S	2.19 E	4.20	148.65	0.38	0.35	14.31
8	761	0.75	164.57	89	760.97	-4.85	4.76 S	2.44 E	5.35	152.81	0.10	-0.04	-6.71
9	852	0.88	166.77	91	851.96	-6.12	6.01 S	2.76 E	6.62	155.33	0.15	0.14	2.42
10	940	0.88	160.44	88	939.95	-7.43	7.31 S	3.14 E	7.95	156.73	0.11	0.00	-7.19
11	1029	0.70	152.62	89	1028.94	-8.58	8.43 S	3.62 E	9.18	156.76	0.24	-0.20	-8.79
12	1119	0.66	147.26	90	1118.94	-9.52	9.36 S	4.15 E	10.24	156.06	0.08	-0.04	-5.96
13	1214	0.40	117.99	95	1213.93	-10.16	9.97 S	4.74 E	11.04	154.56	0.39	-0.27	-30.81
14	1294	0.18	36.25	80	1293.93	-10.21	10.00 S	5.06 E	11.21	153.15	0.52	-0.28	-102.18
15	1355	0.35	38.98	61	1354.93	-9.99	9.78 S	5.24 E	11.09	151.83	0.28	0.28	4.48
16	1450	0.44	54.09	95	1449.93	-9.57	9.34 S	5.72 E	10.95	148.54	0.14	0.09	15.91
17	1544	1.19	339.30	94	1543.92	-8.45	8.22 S	5.66 E	9.98	145.42	1.23	0.80	303.41
18	1639	1.45	342.81	95	1638.90	-6.35	6.15 S	4.96 E	7.90	141.09	0.29	0.27	3.69
19	1733	1.45	341.85	94	1732.87	-4.05	3.88 S	4.24 E	5.74	132.47	0.03	0.00	-1.02
20	1828	1.49	337.37	95	1827.84	-1.74	1.60 S	3.39 E	3.75	115.23	0.13	0.04	-4.72
21	1923	1.45	333.06	95	1922.80	0.52	0.61 N	2.37 E	2.45	75.44	0.12	-0.04	-4.54
22	2018	1.27	331.39	95	2017.78	2.55	2.61 N	1.32 E	2.93	26.81	0.19	-0.19	-1.76
23	2112	1.05	315.92	94	2111.76	4.13	4.14 N	0.22 E	4.15	3.06	0.41	-0.23	-16.46
24	2208	1.05	316.10	96	2207.74	5.45	5.41 N	1.00 W	5.50	349.52	0.00	0.00	0.19
25	2303	1.10	306.25	95	2302.73	6.67	6.58 N	2.34 W	6.98	340.42	0.20	0.05	-10.37
26	2398	0.92	305.81	95	2397.71	7.71	7.56 N	3.69 W	8.42	333.97	0.19	-0.19	-0.46
27	2493	0.92	304.58	95	2492.70	8.64	8.44 N	4.94 W	9.78	329.66	0.02	0.00	-1.29
28	2588	1.01	302.82	95	2587.68	9.58	9.33 N	6.27 W	11.24	326.08	0.10	0.09	-1.85
29	2683	1.05	295.35	95	2682.67	10.47	10.15 N	7.76 W	12.78	322.61	0.15	0.04	-7.86
30	2778	1.05	299.92	95	2777.65	11.34	10.96 N	9.30 W	14.38	319.68	0.09	0.00	4.81
31	2873	1.23	300.89	95	2872.63	12.36	11.92 N	10.93 W	16.17	317.47	0.19	0.19	1.02
32	2967	1.27	306.87	94	2966.61	13.58	13.06 N	12.63 W	18.17	315.96	0.15	0.04	6.36

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Company:	E.O.G. RESOURCES, Inc.	Job Number:	14-0096
Well:	MARS 10 STATE #503H	GRID Decl.:	7.16
Location:	LEA COUNTY, NM	Dir Driller:	Joe Paup
Rig:	CACTUS 123	MWD Eng:	Tony Bautista
Leg:	Vert / Curve / Lateral	MWD Eng:	Roldan Diaz

Calculation Method:	Minimum Curvature
Reference point:	GRID NORTH
Proposed Azimuth	357.61
Depth Reference	Rig
Tie Into:	SURFACE

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (ft/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
33	3062	1.36	307.83	95	3061.59	14.97	14.38 N	14.36 W	20.33	315.04	0.10	0.09	1.01
34	3157	1.45	310.03	95	3156.56	16.51	15.85 N	16.17 W	22.65	314.42	0.11	0.09	2.32
35	3252	1.27	306.95	95	3251.53	17.99	17.25 N	17.94 W	24.89	313.89	0.20	-0.19	-3.24
36	3347	1.05	305.20	95	3346.51	19.19	18.39 N	19.49 W	26.80	313.34	0.23	-0.23	-1.84
37	3442	0.70	304.67	95	3441.50	20.07	19.22 N	20.68 W	28.23	312.91	0.37	-0.37	-0.56
38	3537	1.71	307.31	95	3536.48	21.32	20.41 N	22.28 W	30.22	312.49	1.06	1.06	2.78
39	3632	1.98	307.48	95	3631.43	23.28	22.27 N	24.71 W	33.26	312.02	0.28	0.28	0.18
40	3727	1.49	299.48	95	3726.39	24.98	23.87 N	27.09 W	36.11	311.39	0.57	-0.52	-8.42
41	3821	1.41	288.15	94	3820.36	26.03	24.84 N	29.25 W	38.37	310.33	0.32	-0.09	-12.05
42	3916	1.54	286.48	95	3915.32	26.86	25.56 N	31.59 W	40.63	308.98	0.14	0.14	-1.76
43	4011	1.49	279.18	95	4010.29	27.52	26.12 N	34.03 W	42.90	307.51	0.21	-0.05	-7.68
44	4105	1.67	272.85	94	4104.25	27.89	26.38 N	36.61 W	45.12	305.78	0.27	0.19	-6.73
45	4200	1.67	275.58	95	4199.21	28.21	26.59 N	39.37 W	47.50	304.04	0.08	0.00	2.87
46	4295	1.49	275.93	95	4294.18	28.58	26.85 N	41.97 W	49.83	302.61	0.19	-0.19	0.37
47	4389	1.49	268.90	94	4388.15	28.78	26.95 N	44.41 W	51.95	301.25	0.19	0.00	-7.48
48	4484	1.05	226.89	95	4483.12	28.24	26.33 N	46.28 W	53.25	299.64	1.05	-0.46	-44.22
49	4579	1.23	185.75	95	4578.11	26.66	24.73 N	47.02 W	53.12	297.74	0.86	0.19	-43.31
50	4673	1.01	219.42	94	4672.09	25.05	23.08 N	47.64 W	52.94	295.85	0.73	-0.23	35.82
51	4768	1.49	241.48	95	4767.07	23.88	21.84 N	49.26 W	53.89	293.91	0.71	0.51	23.22
52	4863	1.05	253.61	95	4862.04	23.13	21.01 N	51.18 W	55.33	292.32	0.54	-0.46	12.77
53	4958	0.44	246.13	95	4957.04	22.78	20.62 N	52.35 W	56.26	291.50	0.65	-0.64	-7.87
54	5034	0.48	221.17	76	5033.03	22.44	20.26 N	52.83 W	56.58	290.98	0.27	0.05	-32.84
55	5125	0.57	242.88	91	5124.03	21.98	19.77 N	53.48 W	57.02	290.28	0.24	0.10	23.86
56	5219	0.44	259.23	94	5218.03	21.73	19.48 N	54.25 W	57.64	289.76	0.21	-0.14	17.39
57	5314	0.31	246.84	95	5313.02	21.59	19.32 N	54.85 W	58.15	289.40	0.16	-0.14	-13.04
58	5409	1.19	287.36	95	5408.02	21.83	19.51 N	56.02 W	59.32	289.20	1.03	0.93	42.65
59	5504	2.11	299.40	95	5502.98	23.08	20.66 N	58.49 W	62.03	289.46	1.03	0.97	12.67
60	5599	2.24	301.59	95	5597.91	25.04	22.49 N	61.59 W	65.57	290.06	0.16	0.14	2.31
61	5694	2.15	299.22	95	5692.84	27.01	24.34 N	64.73 W	69.15	290.60	0.13	-0.09	-2.49
62	5788	2.29	298.69	94	5786.77	28.91	26.10 N	67.92 W	72.76	291.02	0.15	0.15	-0.56
63	5883	2.29	295.53	95	5881.69	30.78	27.83 N	71.29 W	76.53	291.32	0.13	0.00	-3.33
64	5978	2.37	298.52	95	5976.61	32.67	29.58 N	74.73 W	80.38	291.60	0.15	0.08	3.15
65	6073	2.46	297.29	95	6071.53	34.69	31.46 N	78.27 W	84.35	291.89	0.11	0.09	-1.29
66	6169	2.37	295.44	96	6167.44	36.64	33.25 N	81.89 W	88.39	292.10	0.12	-0.09	-1.93
67	6264	2.37	295.00	95	6262.36	38.46	34.93 N	85.45 W	92.31	292.23	0.02	0.00	-0.46
68	6359	2.29	296.58	95	6357.28	40.28	36.61 N	88.93 W	96.17	292.37	0.11	-0.08	1.66
69	6455	2.24	293.77	96	6453.21	42.04	38.22 N	92.36 W	99.95	292.48	0.13	-0.05	-2.93
70	6550	2.24	288.76	95	6548.13	43.53	39.57 N	95.81 W	103.66	292.44	0.21	0.00	-5.27
71	6646	2.29	295.18	96	6644.06	45.09	40.98 N	99.33 W	107.45	292.42	0.27	0.05	6.69
72	6741	2.37	294.39	95	6738.98	46.85	42.60 N	102.83 W	111.31	292.50	0.09	0.08	-0.83
73	6837	2.29	296.14	96	6834.90	48.67	44.27 N	106.36 W	115.21	292.60	0.11	-0.08	1.82
74	6932	2.11	298.78	95	6929.83	50.48	45.95 N	109.60 W	118.84	292.74	0.22	-0.19	2.78

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							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
75	7027	2.11	298.87	95	7024.77	52.29	47.63 N	112.66 W	122.32	292.92	0.00	0.00	0.09
76	7122	2.15	297.90	95	7119.70	54.10	49.31 N	115.77 W	125.83	293.07	0.06	0.04	-1.02
77	7217	2.20	295.88	95	7214.63	55.86	50.94 N	118.99 W	129.43	293.18	0.10	0.05	-2.13
78	7311	2.20	297.46	94	7308.56	57.61	52.56 N	122.21 W	133.03	293.27	0.06	0.00	1.68
79	7406	2.20	295.09	95	7403.49	59.36	54.17 N	125.48 W	136.67	293.35	0.10	0.00	-2.49
80	7501	2.07	291.66	95	7498.43	60.90	55.58 N	128.73 W	140.21	293.35	0.19	-0.14	-3.61
81	7595	2.02	283.93	94	7592.37	62.06	56.61 N	131.91 W	143.54	293.23	0.30	-0.05	-8.22
82	7691	1.85	282.79	96	7688.31	62.94	57.36 N	135.06 W	146.74	293.01	0.18	-0.18	-1.19
83	7786	2.02	289.38	95	7783.26	63.96	58.25 N	138.14 W	149.92	292.86	0.29	0.18	6.94
84	7881	2.07	293.68	95	7878.20	65.34	59.50 N	141.29 W	153.31	292.84	0.17	0.05	4.53
85	7977	1.89	288.23	96	7974.14	66.66	60.69 N	144.38 W	156.62	292.80	0.27	-0.19	-5.68
86	8072	1.76	285.86	95	8069.09	67.66	61.58 N	147.27 W	159.63	292.69	0.16	-0.14	-2.49
87	8167	1.63	279.36	95	8164.05	68.40	62.19 N	150.01 W	162.39	292.52	0.24	-0.14	-6.84
88	8262	1.19	268.11	95	8259.02	68.68	62.38 N	152.33 W	164.61	292.27	0.55	-0.46	-11.84
89	8357	0.62	288.23	95	8354.01	68.87	62.51 N	153.80 W	166.02	292.12	0.68	-0.60	21.18
90	8452	0.35	287.79	95	8449.01	69.15	62.76 N	154.57 W	166.82	292.10	0.28	-0.28	-0.46
91	8547	0.44	286.21	95	8544.01	69.37	62.95 N	155.19 W	167.47	292.08	0.10	0.09	-1.66
92	8642	0.57	259.41	95	8639.00	69.42	62.97 N	156.01 W	168.24	291.98	0.28	0.14	-28.21
93	8737	0.70	224.87	95	8734.00	68.96	62.47 N	156.88 W	168.86	291.71	0.42	0.14	-36.36
94	8831	0.75	230.75	94	8827.99	68.20	61.67 N	157.76 W	169.39	291.35	0.10	0.05	6.26
95	8927	0.04	329.02	96	8923.99	67.85	61.30 N	158.27 W	169.73	291.17	0.79	-0.74	102.36
96	9022	0.09	129.15	95	9018.99	67.83	61.28 N	158.23 W	169.68	291.17	0.14	0.05	-210.39
97	9118	0.09	169.76	96	9114.99	67.70	61.16 N	158.15 W	169.57	291.14	0.07	0.00	42.30
98	9213	0.04	141.81	95	9209.99	67.60	61.06 N	158.12 W	169.50	291.12	0.06	-0.05	-29.42
99	9308	0.26	257.47	95	9304.99	67.54	60.99 N	158.31 W	169.65	291.07	0.29	0.23	121.75
100	9404	0.79	310.38	96	9400.98	67.95	61.37 N	159.03 W	170.46	291.10	0.69	0.55	55.11
101	9499	0.66	296.50	95	9495.97	68.66	62.04 N	160.02 W	171.62	291.19	0.23	-0.14	-14.61
102	9594	0.57	268.11	95	9590.97	68.93	62.27 N	160.98 W	172.60	291.15	0.33	-0.09	-29.88
103	9689	0.09	238.66	95	9685.97	68.89	62.21 N	161.51 W	173.08	291.07	0.52	-0.51	-31.00
104	9783	0.13	198.15	94	9779.97	68.76	62.07 N	161.61 W	173.12	291.01	0.09	0.04	-43.10
105	9878	0.40	221.61	95	9874.97	68.42	61.72 N	161.86 W	173.23	290.87	0.30	0.28	24.69
106	9972	0.57	162.90	94	9968.96	67.73	61.03 N	161.94 W	173.06	290.65	0.53	0.18	-62.46
107	10067	1.67	100.24	95	10063.95	66.97	60.33 N	160.44 W	171.41	290.61	1.58	1.16	-65.96
108	10162	2.07	89.34	95	10158.89	66.62	60.11 N	157.37 W	168.45	290.90	0.56	0.42	-11.47
109	10257	1.93	80.37	95	10253.84	66.77	60.39 N	154.07 W	165.49	291.40	0.36	-0.15	-9.44
110	10352	1.49	83.71	95	10348.79	67.05	60.80 N	151.27 W	163.03	291.90	0.47	-0.46	3.52
111	10447	1.49	102.40	95	10443.76	66.82	60.67 N	148.83 W	160.72	292.18	0.51	0.00	19.67
112	10529	1.14	107.62	82	10525.74	66.27	60.19 N	147.02 W	158.86	292.27	0.45	-0.43	6.37
113	10633	5.58	358.90	104	10629.58	70.98	64.94 N	146.13 W	159.91	293.96	5.81	4.27	241.62
114	10680	15.12	358.46	47	10675.76	79.41	73.37 N	146.33 W	163.70	296.63	20.30	20.30	-0.94
115	10728	23.65	359.60	48	10721.00	95.32	89.28 N	146.57 W	171.62	301.35	17.79	17.77	2.38
116	10775	31.74	10.83	47	10762.58	117.12	111.11 N	146.46 W	183.83	307.19	17.25	17.21	-763.34

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Location:	LEA COUNTY, NM	Dir Driller:	Joe Paup
Rig:	CACTUS 123	MWD Eng:	Tony Bautista
Leg:	Vert / Curve / Lateral	MWD Eng:	Roldan Diaz

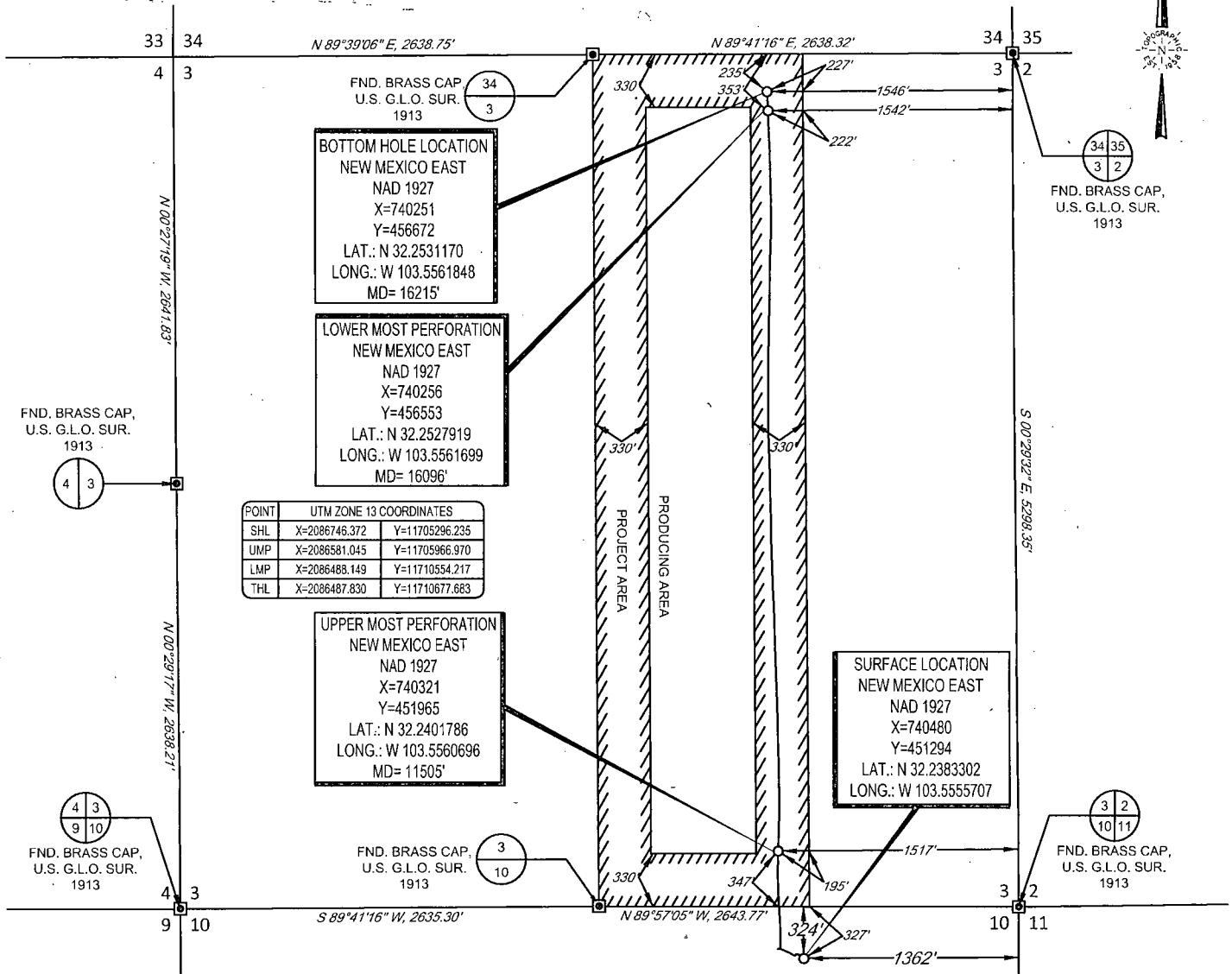
Calculation Method:	Minimum Curvature
Reference point:	GRID NORTH
Proposed Azimuth	357.61
Depth Reference	Rig
Tie Into:	SURFACE

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates			Closure		Dogleg Severity (ft/100')	Build Rate (d/100')	Walk Rate (d/100')	
							N/S (ft)		E/W (ft)		Distance (ft)	Direction Azimuth			
117	10823	31.96	0.39	48	10803.35	142.41	136.44	N	146.19	W	199.96	313.02	0.67	0.46	-0.92
118	10870	35.25	359.60	47	10842.49	168.40	162.45	N	146.20	W	218.55	318.01	7.06	7.00	764.28
119	10918	39.60	358.37	48	10880.60	197.56	191.60	N	146.73	W	241.33	322.56	9.19	9.06	-2.56
120	10965	39.82	356.61	47	10916.76	227.58	221.60	N	148.05	W	266.50	326.25	2.44	0.47	-3.74
121	11013	42.29	356.44	48	10952.96	259.10	253.07	N	149.96	W	294.16	329.35	5.15	5.15	-0.35
122	11060	45.41	355.65	47	10986.85	291.64	285.54	N	152.21	W	323.58	331.94	6.74	6.64	-1.68
123	11107	48.18	355.65	47	11019.02	325.88	319.70	N	154.81	W	355.21	334.16	5.89	5.89	0.00
124	11154	50.90	357.93	47	11049.52	361.63	355.40	N	156.80	W	388.45	336.19	6.86	5.79	4.85
125	11201	52.26	358.90	47	11078.72	398.44	392.20	N	157.81	W	422.76	338.08	3.31	2.89	2.06
126	11248	56.48	358.72	47	11106.10	436.63	430.39	N	158.61	W	458.68	339.77	8.98	8.98	-0.38
127	11297	60.35	356.88	49	11131.76	478.36	472.09	N	160.22	W	498.54	341.25	8.52	7.90	-3.76
128	11328	63.56	358.02	31	11146.33	505.72	499.42	N	161.43	W	524.86	342.09	10.85	10.35	3.68
129	11360	68.40	359.69	32	11159.36	534.93	528.63	N	162.01	W	552.90	342.96	15.86	15.13	5.22
130	11392	74.11	0.48	32	11169.63	565.19	558.92	N	161.96	W	581.91	343.84	18.00	17.84	-1122.53
131	11419	80.84	0.57	27	11175.49	591.50	585.26	N	161.72	W	607.19	344.55	24.93	24.93	0.33
132	11475	88.97	2.24	56	11180.46	647.10	640.97	N	160.35	W	660.73	345.95	14.82	14.52	2.98
133	11507	89.80	2.33	32	11180.80	679.00	672.95	N	159.07	W	691.49	346.70	2.61	2.59	0.28
134	11601	89.19	1.45	94	11181.63	772.73	766.89	N	155.97	W	782.59	348.50	1.14	-0.65	-0.94
135	11696	88.66	1.80	95	11183.41	867.48	861.84	N	153.28	W	875.36	349.92	0.67	-0.56	0.37
136	11791	88.13	0.13	95	11186.07	962.27	956.78	N	151.68	W	968.73	350.99	1.84	-0.56	-1.76
137	11887	87.96	359.25	96	11189.35	1058.15	1052.72	N	152.20	W	1063.67	351.77	0.93	-0.18	374.08
138	11982	87.65	358.81	95	11192.98	1153.05	1147.64	N	153.81	W	1157.90	352.37	0.57	-0.33	-0.46
139	12076	88.22	358.63	94	11196.37	1246.98	1241.55	N	155.90	W	1251.30	352.84	0.64	0.61	-0.19
140	12172	89.45	358.46	96	11198.32	1342.94	1337.50	N	158.34	W	1346.84	353.25	1.29	1.28	-0.18
141	12266	90.07	358.37	94	11198.72	1436.93	1431.46	N	160.94	W	1440.48	353.59	0.67	0.66	-0.10
142	12360	90.86	358.46	94	11197.95	1530.92	1525.42	N	163.54	W	1534.17	353.88	0.85	0.84	0.10
143	12455	90.55	357.76	95	11196.79	1625.91	1620.37	N	166.67	W	1628.91	354.13	0.81	-0.33	-0.74
144	12549	89.23	358.46	94	11196.97	1719.90	1714.31	N	169.77	W	1722.70	354.34	1.59	-1.40	0.74
145	12644	88.53	358.02	95	11198.82	1814.87	1809.25	N	172.69	W	1817.47	354.55	0.87	-0.74	-0.46
146	12739	88.92	357.76	95	11200.94	1909.85	1904.16	N	176.19	W	1912.29	354.71	0.49	0.41	-0.27
147	12834	89.67	357.93	95	11202.11	2004.84	1999.08	N	179.76	W	2007.15	354.86	0.81	0.79	0.18
148	12928	90.20	357.84	94	11202.21	2098.84	2093.02	N	183.23	W	2101.02	355.00	0.57	0.56	-0.10
149	13023	88.79	358.02	95	11203.05	2193.83	2187.95	N	186.66	W	2195.90	355.12	1.50	-1.48	0.19
150	13118	89.19	357.58	95	11204.72	2288.82	2282.87	N	190.31	W	2290.78	355.23	0.63	0.42	-0.46
151	13213	89.67	357.58	95	11205.67	2383.81	2377.78	N	194.32	W	2385.70	355.33	0.51	0.51	0.00
152	13308	90.42	357.49	95	11205.59	2478.81	2472.69	N	198.40	W	2480.63	355.41	0.80	0.79	-0.09
153	13404	88.57	358.99	96	11206.44	2574.79	2568.63	N	201.35	W	2576.51	355.52	2.48	-1.93	1.56
154	13499	89.71	358.99	95	11207.87	2669.75	2663.60	N	203.03	W	2671.33	355.64	1.20	1.20	0.00
155	13595	90.37	358.81	96	11207.80	2765.73	2759.59	N	204.87	W	2767.18	355.75	0.71	0.69	-0.19
156	13690	88.84	358.99	95	11208.45	2860.70	2854.56	N	206.69	W	2862.04	355.86	1.62	-1.61	0.19
157	13785	88.97	358.55	95	11210.27	2955.66	2949.52	N	208.73	W	2956.90	355.95	0.48	0.14	-0.46
158	13880	89.36	358.28	95	11211.65	3050.64	3044.48	N	211.36	W	3051.81	356.03	0.50	0.41	-0.28

SCALE: 1" = 1000'

0' 500' 1000'

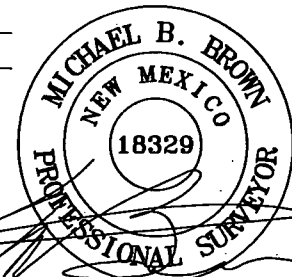
SECTION 10, TOWNSHIP 24-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: MARS 10 STATE #503H
SECTION 10 TWP 24-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3593'
DESCRIPTION 324' FNL & 1362' FEL



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Michael Blake Brown, P.S. No. 18329
MARCH 23, 2015



MARS 10 STATE #503H AS-COMPLETED	REVISION:	
	INT	DATE
DATE: 03/23/15		
FILE: AD_MARS10STATE_503H		
DRAWN BY: GJU		
SHEET: 1 OF 1		

NOTES:

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.