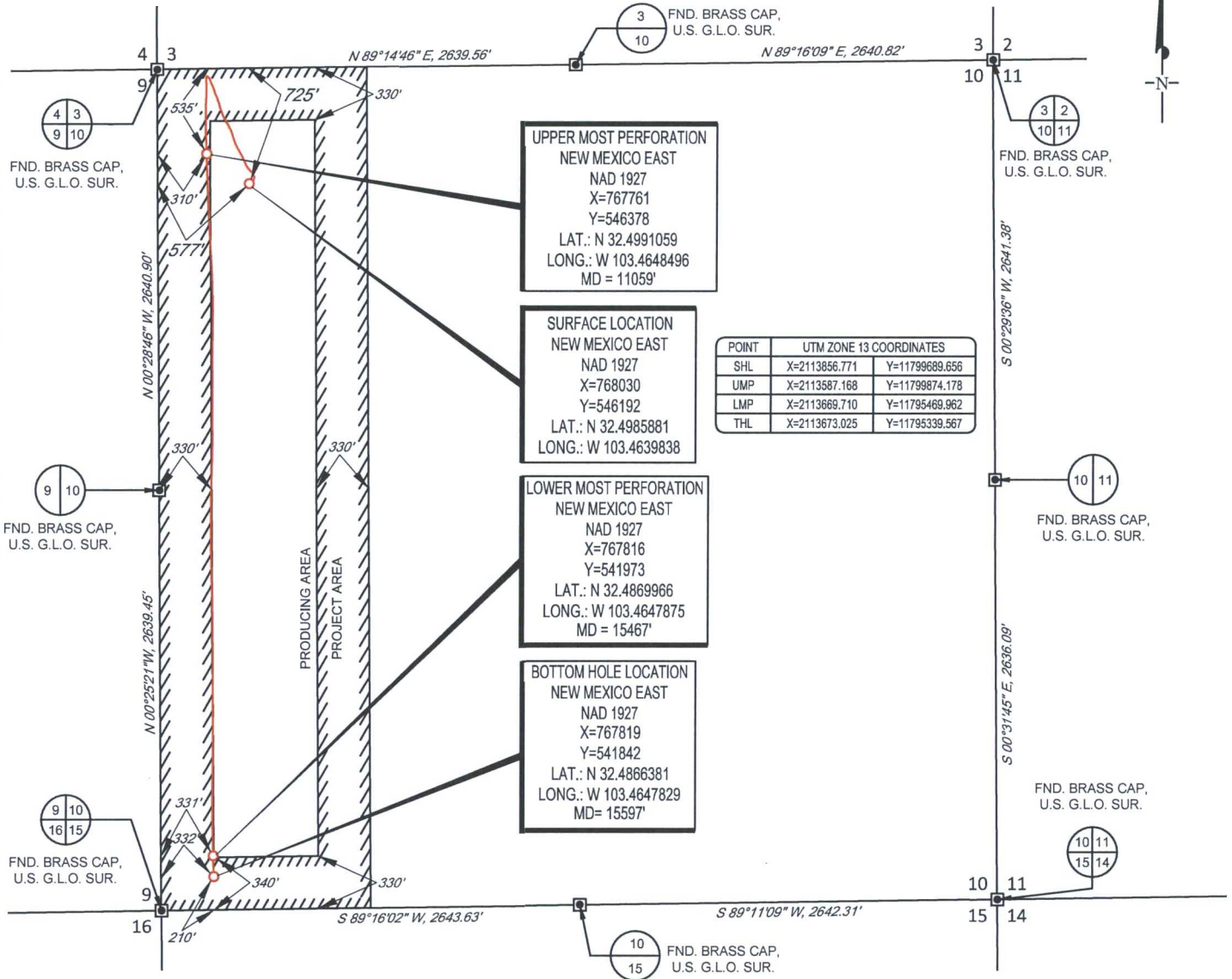


SCALE: 1" = 1000'

0' 500' 1000'

SECTION 10, TOWNSHIP 21-S, RANGE 34-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



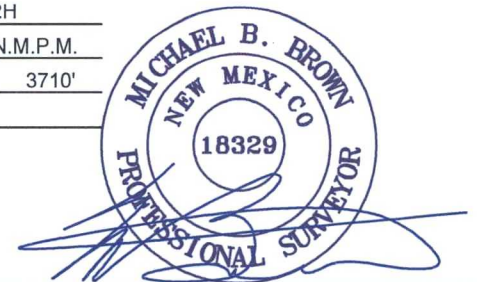
LEASE NAME & WELL NO.: PAPAYA 10 STATE #502H
SECTION 10 TWP 21-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3710'
DESCRIPTION 725' FNL & 577' FWL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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

eoog resources, Inc.



Michael Blake Brown, P.S. No. 18329
JULY 18, 2016

PAPAYA 10 STATE #502H AS-COMPLETED	REVISION:	
	INT	DATE
DATE: 07/18/16		
FILE: AD_PAPAYA10STATE_502H		
DRAWN BY: A.C.C.		
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 19 27.
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.

DRILTECH MWD SURVEY REPORT

HOBBS OCD

AUG 29 2016



Company: EOG Resources, Inc.
Well: Papaya 10 State #502H
Location: Lea County, NM
Rig: H&P 415

Job Number: M-2015-123-EODT-NM
Vertical Section Plane: 182.78
WELL API #: 30-025-42825
Tie Into: Surface

RECEIVED

Calculation Method Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
Tie In	Surf	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	MWD	191.00	1.20	217.20	191	190.99	1.65	1.59 S	1.21 W	2.00	217.20	0.63	0.63	113.72
2	MWD	312.00	1.10	206.00	121	311.96	3.76	3.65 S	2.48 W	4.41	214.27	0.20	-0.08	-9.26
3	MWD	496.00	1.20	177.10	184	495.93	7.30	7.16 S	3.16 W	7.82	203.83	0.32	0.05	-15.7
4	MWD	588.00	1.10	165.50	92	587.91	9.10	8.97 S	2.89 W	9.43	197.86	0.27	-0.11	-12.61
5	MWD	680.00	1.10	164.70	92	679.89	10.79	10.68 S	2.44 W	10.96	192.85	0.02	0.00	-0.87
6	MWD	775.00	0.20	126.30	95	774.88	11.75	11.66 S	2.06 W	11.84	190.03	1.00	-0.95	-40.42
7	MWD	869.00	0.50	342.20	94	868.88	11.45	11.37 S	2.06 W	11.55	190.25	0.72	0.32	229.68
8	MWD	964.00	0.90	49.50	95	963.88	10.55	10.49 S	1.62 W	10.61	188.76	0.89	0.42	-308.11
9	MWD	1058.00	1.20	51.60	94	1057.86	9.40	9.40 S	0.28 W	9.40	181.72	0.32	0.32	2.23
10	MWD	1153.00	1.10	44.10	95	1152.84	8.06	8.12 S	1.13 E	8.20	172.07	0.19	-0.11	-7.89
11	MWD	1248.00	1.20	48.60	95	1247.82	6.68	6.81 S	2.51 E	7.26	159.75	0.14	0.11	4.74
12	MWD	1438.00	2.10	56.20	190	1437.74	3.22	3.56 S	6.90 E	7.76	117.29	0.49	0.47	4.00
13	MWD	1627.00	3.30	42.80	189	1626.53	-3.01	2.36 N	13.47 E	13.68	80.06	0.71	0.63	-7.09
14	MWD	1721.00	3.50	41.80	94	1720.37	-7.31	6.48 N	17.22 E	18.40	69.37	0.22	0.21	-1.06
15	MWD	1875.00	4.20	32.10	154	1874.02	-15.88	14.77 N	23.35 E	27.63	57.69	0.62	0.45	-6.30
16	MWD	2002.00	3.90	25.60	127	2000.70	-23.92	22.60 N	27.69 E	35.74	50.78	0.43	-0.24	-5.12
17	MWD	2191.00	3.20	17.50	189	2189.34	-34.94	33.43 N	32.05 E	46.31	43.80	0.45	-0.37	-4.29
18	MWD	2285.00	2.80	357.50	94	2283.21	-39.77	38.22 N	32.74 E	50.33	40.58	1.18	-0.43	361.70
19	MWD	2380.00	2.50	348.30	95	2378.11	-44.08	42.57 N	32.22 E	53.39	37.12	0.55	-0.32	-9.68
20	MWD	2568.00	1.90	313.50	188	2565.98	-50.09	48.73 N	29.13 E	56.77	30.87	0.76	-0.32	-18.51
21	MWD	2757.00	1.40	321.50	189	2754.90	-53.87	52.70 N	25.42 E	58.51	25.75	0.29	-0.26	4.23
22	MWD	2946.00	1.10	317.20	189	2943.86	-56.87	55.83 N	22.75 E	60.29	22.17	0.17	-0.16	-2.28
23	MWD	3136.00	0.70	11.20	190	3133.84	-59.30	58.31 N	21.73 E	62.23	20.44	0.47	-0.21	-161.05
24	MWD	3230.00	1.10	13.70	94	3227.82	-60.75	59.75 N	22.06 E	63.69	20.26	0.43	0.43	2.66
25	MWD	3324.00	1.40	331.30	94	3321.80	-62.61	61.63 N	21.72 E	65.35	19.41	1.01	0.32	337.87
26	MWD	3419.00	1.60	333.80	95	3416.77	-64.76	63.84 N	20.58 E	67.08	17.87	0.22	0.21	2.63
27	MWD	3514.00	1.40	347.30	95	3511.74	-67.04	66.16 N	19.74 E	69.05	16.61	0.43	-0.21	14.21
28	MWD	3608.00	1.20	17.50	94	3605.71	-69.10	68.22 N	19.78 E	71.03	16.17	0.75	-0.21	-350.85
29	MWD	3703.00	0.70	311.60	95	3700.70	-70.43	69.56 N	19.65 E	72.28	15.77	1.17	-0.53	309.58
30	MWD	3797.00	0.70	280.50	94	3794.70	-70.87	70.04 N	18.65 E	72.48	14.91	0.40	0.00	-33.09
31	MWD	3892.00	0.20	298.40	95	3889.69	-71.01	70.23 N	17.94 E	72.48	14.33	0.54	-0.53	18.84
32	MWD	3987.00	0.40	301.60	95	3984.69	-71.25	70.48 N	17.51 E	72.62	13.95	0.21	0.21	3.37
33	MWD	4081.00	0.90	314.10	94	4078.69	-71.89	71.17 N	16.70 E	73.10	13.21	0.55	0.53	13.30
34	MWD	4175.00	1.90	313.20	94	4172.66	-73.39	72.75 N	15.03 E	74.28	11.68	1.06	1.06	-0.96
35	MWD	4270.00	2.60	307.40	95	4267.58	-75.64	75.13 N	12.17 E	76.11	9.20	0.77	0.74	-6.11
36	MWD	4365.00	2.80	309.00	95	4362.48	-78.23	77.90 N	8.66 E	78.38	6.34	0.22	0.21	1.68
37	MWD	4459.00	2.50	315.50	94	4456.38	-80.98	80.81 N	5.44 E	80.99	3.85	0.45	-0.32	6.91



DRILTECH MWD SURVEY REPORT

Company: EOG Resources, Inc.
Well: Papaya 10 State #502H
Location: Lea County, NM
Rig: H&P 415

Job Number: M-2015-123-EODT-NM
Vertical Section Plane: 182.78
WELL API #: 30-025-42825
Tie Into: Surface

Calculation Method Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
38	MWD	4554.00	2.30	321.30	95	4551.29	-83.81	83.77 N	2.79 E	83.82	1.91	0.33	-0.21	6.11
39	MWD	4648.00	2.10	326.70	94	4645.22	-86.62	86.69 N	0.67 E	86.69	0.44	0.31	-0.21	5.74
40	MWD	4742.00	1.80	323.40	94	4739.17	-89.15	89.31 N	1.16 W	89.32	359.26	0.34	-0.32	-3.51
41	MWD	4931.00	1.20	317.90	189	4928.10	-92.85	93.16 N	4.25 W	93.26	357.39	0.33	-0.32	-2.91
42	MWD	5025.00	1.40	319.50	94	5022.08	-94.38	94.77 N	5.66 W	94.93	356.58	0.22	0.21	1.70
43	MWD	5119.00	1.40	324.40	94	5116.05	-96.12	96.57 N	7.07 W	96.83	355.81	0.13	0.00	5.21
44	MWD	5213.00	1.80	326.70	94	5210.02	-98.21	98.74 N	8.55 W	99.11	355.05	0.43	0.43	2.45
45	MWD	5307.00	2.10	323.70	94	5303.96	-100.74	101.36 N	10.38 W	101.89	354.15	0.34	0.32	-3.19
46	MWD	5402.00	3.90	328.70	95	5398.83	-104.77	105.53 N	13.09 W	106.34	352.93	1.91	1.89	5.26
47	MWD	5496.00	6.00	329.40	94	5492.47	-111.52	112.49 N	17.25 W	113.80	351.28	2.23	2.23	0.74
48	MWD	5591.00	7.70	334.50	95	5586.79	-121.27	122.51 N	22.52 W	124.56	349.58	1.90	1.79	5.37
49	MWD	5685.00	10.00	334.10	94	5679.67	-133.98	135.53 N	28.80 W	138.56	348.00	2.45	2.45	-0.43
50	MWD	5780.00	12.00	333.20	95	5772.92	-149.80	151.77 N	36.86 W	156.18	346.35	2.11	2.11	-0.95
51	MWD	5874.00	12.70	333.20	94	5864.74	-167.29	169.71 N	45.92 W	175.82	344.86	0.74	0.74	0.00
52	MWD	5971.00	12.10	331.30	97	5959.48	-185.23	188.15 N	55.61 W	196.20	343.53	0.75	-0.62	-1.96
53	MWD	6065.00	12.00	328.50	94	6051.41	-201.71	205.12 N	65.45 W	215.31	342.30	0.63	-0.11	-2.98
54	MWD	6160.00	10.90	329.90	95	6144.51	-217.41	221.32 N	75.11 W	233.71	341.25	1.19	-1.16	1.47
55	MWD	6254.00	10.00	338.90	94	6236.96	-232.34	236.62 N	82.51 W	250.59	340.78	1.98	-0.96	9.57
56	MWD	6348.00	10.40	339.00	94	6329.47	-247.57	252.16 N	88.49 W	267.23	340.66	0.43	0.43	0.11
57	MWD	6443.00	9.10	341.70	95	6423.10	-262.42	267.29 N	93.92 W	283.31	340.64	1.45	-1.37	2.84
58	MWD	6537.00	9.10	339.70	94	6515.92	-276.20	281.32 N	98.83 W	298.18	340.64	0.34	0.00	-2.13
59	MWD	6632.00	9.10	341.80	95	6609.72	-290.12	295.51 N	103.79 W	313.20	340.65	0.35	0.00	2.21
60	MWD	6727.00	9.10	341.00	95	6703.53	-304.11	309.75 N	108.58 W	328.22	340.68	0.13	0.00	-0.84
61	MWD	6821.00	9.00	338.70	94	6796.36	-317.73	323.62 N	113.67 W	343.01	340.65	0.40	-0.11	-2.45
62	MWD	6916.00	8.30	335.90	95	6890.28	-330.63	336.81 N	119.17 W	357.27	340.52	0.86	-0.74	-2.95
63	MWD	7011.00	8.10	332.70	95	6984.31	-342.54	349.01 N	125.04 W	370.74	340.29	0.52	-0.21	-3.37
64	MWD	7105.00	7.90	332.90	94	7077.39	-353.87	360.65 N	131.02 W	383.71	340.03	0.21	-0.21	0.21
65	MWD	7200.00	8.30	328.00	95	7171.44	-365.16	372.28 N	137.62 W	396.90	339.71	0.84	0.42	-5.16
66	MWD	7294.00	8.30	324.80	94	7264.46	-376.08	383.57 N	145.13 W	410.11	339.28	0.49	0.00	-3.40
67	MWD	7388.00	9.50	333.40	94	7357.33	-388.19	396.06 N	152.52 W	424.41	338.94	1.90	1.28	9.15
68	MWD	7483.00	9.70	331.10	95	7451.00	-401.83	410.07 N	159.89 W	440.14	338.70	0.46	0.21	-2.42
69	MWD	7577.00	9.70	338.00	94	7543.66	-415.76	424.35 N	166.69 W	455.91	338.55	1.24	0.00	7.34
70	MWD	7671.00	10.60	342.90	94	7636.19	-431.08	439.95 N	172.20 W	472.45	338.62	1.33	0.96	5.21
71	MWD	7766.00	10.90	339.40	95	7729.52	-447.55	456.71 N	177.93 W	490.15	338.72	0.76	0.32	-3.68
72	MWD	7861.00	10.40	342.70	95	7822.89	-463.84	473.31 N	183.64 W	507.68	338.79	0.83	-0.53	3.47
73	MWD	7955.00	10.20	344.30	94	7915.37	-479.71	489.42 N	188.41 W	524.44	338.94	0.37	-0.21	1.70
74	MWD	8050.00	9.30	341.30	95	8009.00	-494.83	504.79 N	193.15 W	540.48	339.06	1.09	-0.95	-3.16
75	MWD	8144.00	9.30	339.90	94	8101.76	-508.89	519.12 N	198.19 W	555.67	339.10	0.24	0.00	-1.49
76	MWD	8239.00	8.80	339.20	95	8195.58	-522.63	533.12 N	203.41 W	570.61	339.12	0.54	-0.53	-0.74
77	MWD	8334.00	8.40	337.80	95	8289.51	-535.58	546.34 N	208.62 W	584.81	339.10	0.48	-0.42	-1.47



DRILTECH MWD SURVEY REPORT

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Job Number: M-2015-123-EODT-NM
Vertical Section Plane: 182.78
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Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
78	MWD	8428.00	8.10	335.70	94	8382.54	-547.70	558.73 N	213.94 W	598.29	339.05	0.45	-0.32	-2.23
79	MWD	8523.00	7.70	341.70	95	8476.64	-559.59	570.87 N	218.69 W	611.33	339.04	0.96	-0.42	6.32
80	MWD	8618.00	7.70	344.80	95	8570.78	-571.59	583.06 N	222.35 W	624.02	339.13	0.44	0.00	3.26
81	MWD	8713.00	7.90	340.60	95	8664.91	-583.69	595.36 N	226.19 W	636.88	339.20	0.64	0.21	-4.42
82	MWD	8808.00	6.90	331.80	95	8759.12	-594.62	606.54 N	231.06 W	649.06	339.15	1.59	-1.05	-9.26
83	MWD	8903.00	5.80	330.80	95	8853.53	-603.59	615.76 N	236.10 W	659.47	339.02	1.16	-1.16	-1.05
84	MWD	8998.00	5.50	328.70	95	8948.07	-611.43	623.84 N	240.80 W	668.71	338.89	0.38	-0.32	-2.21
85	MWD	9092.00	4.20	345.00	94	9041.74	-618.44	631.02 N	244.03 W	676.56	338.86	2.00	-1.38	17.34
86	MWD	9187.00	3.70	353.60	95	9136.51	-624.78	637.43 N	245.28 W	682.99	338.95	0.81	-0.53	9.05
87	MWD	9281.00	3.50	343.10	94	9230.33	-630.47	643.18 N	246.45 W	688.78	339.03	0.73	-0.21	-11.17
88	MWD	9376.00	2.80	341.50	95	9325.18	-635.37	648.16 N	248.03 W	694.00	339.06	0.74	-0.74	-1.68
89	MWD	9470.00	2.80	331.10	94	9419.07	-639.46	652.35 N	249.87 W	698.56	339.04	0.54	0.00	-11.06
90	MWD	9564.00	2.60	330.10	94	9512.97	-643.21	656.21 N	252.04 W	702.94	338.99	0.22	-0.21	-1.06
91	MWD	9658.00	2.50	322.00	94	9606.87	-646.56	659.67 N	254.36 W	707.01	338.91	0.40	-0.11	-8.62
92	MWD	9752.00	2.30	312.30	94	9700.79	-649.31	662.55 N	257.02 W	710.66	338.80	0.48	-0.21	-10.32
93	MWD	9847.00	2.50	312.80	95	9795.71	-651.85	665.24 N	259.95 W	714.23	338.66	0.21	0.21	0.53
94	MWD	9942.00	2.50	307.60	95	9890.62	-654.37	667.92 N	263.11 W	717.87	338.50	0.24	0.00	-5.47
95	MWD	10037.00	1.90	291.70	95	9985.55	-656.06	669.76 N	266.22 W	720.73	338.32	0.90	-0.63	-16.74
96	MWD	10131.00	1.60	306.00	94	10079.50	-657.29	671.11 N	268.73 W	722.91	338.18	0.56	-0.32	15.21
97	MWD	10225.00	1.10	294.60	94	10173.48	-658.34	672.26 N	270.61 W	724.68	338.07	0.60	-0.53	-12.13
98	MWD	10325.00	5.60	194.90	100	10273.32	-653.92	667.94 N	272.74 W	721.48	337.79	5.89	4.50	-99.70
99	MWD	10372.00	11.40	184.30	47	10319.79	-647.03	661.08 N	273.68 W	715.49	337.51	12.73	12.34	-22.55
100	MWD	10420.00	16.50	177.00	48	10366.36	-635.50	649.54 N	273.68 W	704.84	337.15	11.22	10.63	-15.21
101	MWD	10467.00	21.80	176.10	47	10410.74	-620.18	634.16 N	272.73 W	690.32	336.73	11.29	11.28	-1.91
102	MWD	10514.00	26.60	177.10	47	10453.60	-601.03	614.93 N	271.61 W	672.24	336.17	10.25	10.21	2.13
103	MWD	10561.00	33.60	181.00	47	10494.24	-577.53	591.39 N	271.30 W	650.65	335.36	15.46	14.89	8.30
104	MWD	10608.00	36.80	179.80	47	10532.64	-550.47	564.30 N	271.48 W	626.20	334.31	6.97	6.81	-2.55
105	MWD	10655.00	40.30	182.60	47	10569.39	-521.20	535.03 N	272.12 W	600.25	333.04	8.32	7.45	5.96
106	MWD	10702.00	44.50	182.40	47	10604.09	-489.51	503.37 N	273.50 W	572.87	331.48	8.94	8.94	-0.43
107	MWD	10749.00	50.70	181.20	47	10635.77	-454.83	468.70 N	274.57 W	543.20	329.64	13.33	13.19	-2.55
108	MWD	10797.00	57.00	181.40	48	10664.07	-416.10	429.97 N	275.45 W	510.63	327.36	13.13	13.13	0.42
109	MWD	10844.00	63.00	179.20	47	10687.56	-375.46	389.29 N	275.64 W	476.99	324.70	13.39	12.77	-4.68
110	MWD	10891.00	66.50	178.20	47	10707.61	-333.07	346.80 N	274.67 W	442.39	321.62	7.69	7.45	-2.13
111	MWD	10938.00	69.50	177.70	47	10725.21	-289.65	303.25 N	273.11 W	408.11	317.99	6.46	6.38	-1.06
112	MWD	10985.00	74.40	177.10	47	10739.77	-245.17	258.63 N	271.08 W	374.66	313.65	10.50	10.43	-1.28
113	MWD	11032.00	77.10	178.00	47	10751.34	-199.81	213.12 N	269.14 W	343.30	308.37	6.04	5.74	1.91
114	MWD	11079.00	81.50	179.20	47	10760.07	-153.77	166.96 N	268.01 W	315.76	301.92	9.69	9.36	2.55
115	MWD	11105.00	85.50	178.70	26	10763.01	-128.00	141.14 N	267.54 W	302.48	297.81	15.50	15.38	-1.92
116	MWD	11133.00	89.90	178.40	28	10764.13	-100.10	113.18 N	266.83 W	289.84	292.98	15.75	15.71	-1.07
117	MWD	11157.00	90.40	177.50	24	10764.07	-76.19	89.19 N	265.97 W	280.53	288.54	4.29	2.08	-3.75



DRILTECH MWD SURVEY REPORT

Company: EOG Resources, Inc.
Well: Papaya 10 State #502H
Location: Lea County, NM
Rig: H&P 415

Job Number: M-2015-123-EODT-NM
Vertical Section Plane: 182.78
WELL API #: 30-025-42825
Tie Into: Surface

Calculation Method Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
118	MWD	11196.00	89.20	177.30	39	10764.21	-37.36	50.23 N	264.20 W	268.94	280.77	3.12	-3.08	-0.51
119	MWD	11322.00	86.90	177.50	126	10768.49	88.00	75.56 S	258.49 W	269.31	253.71	1.83	-1.83	0.16
120	MWD	11416.00	89.40	178.00	94	10771.53	181.58	169.43 S	254.80 W	305.99	236.38	2.71	2.66	0.53
121	MWD	11511.00	91.30	177.00	95	10770.95	276.17	264.33 S	250.66 W	364.28	223.48	2.26	2.00	-1.05
122	MWD	11605.00	91.80	176.10	94	10768.40	369.58	358.12 S	245.00 W	433.91	214.38	1.09	0.53	-0.96
123	MWD	11668.00	93.10	177.10	63	10765.71	432.16	420.95 S	241.27 W	485.19	209.82	2.60	2.06	1.59
124	MWD	11762.00	92.60	177.30	94	10761.04	525.60	514.72 S	236.69 W	566.53	204.69	0.57	-0.53	0.21
125	MWD	11857.00	90.80	176.60	95	10758.22	620.06	609.54 S	231.63 W	652.07	200.81	2.03	-1.89	-0.74
126	MWD	11951.00	88.90	179.10	94	10758.46	713.70	703.46 S	228.11 W	739.52	197.97	3.34	-2.02	2.66
127	MWD	12045.00	88.90	180.50	94	10760.27	807.55	797.44 S	227.78 W	829.34	195.94	1.49	0.00	1.49
128	MWD	12140.00	92.00	180.30	95	10759.52	902.46	892.43 S	228.44 W	921.20	194.36	3.27	3.26	-0.21
129	MWD	12234.00	91.30	180.50	94	10756.82	996.34	986.39 S	229.10 W	1012.64	193.08	0.77	-0.74	0.21
130	MWD	12329.00	90.10	180.00	95	10755.66	1091.23	1081.38 S	229.51 W	1105.46	191.98	1.37	-1.26	-0.53
131	MWD	12423.00	90.10	179.40	94	10755.49	1185.10	1175.37 S	229.02 W	1197.48	191.03	0.64	0.00	-0.64
132	MWD	12518.00	90.60	179.40	95	10754.91	1279.93	1270.37 S	228.03 W	1290.67	190.18	0.53	0.53	0.00
133	MWD	12612.00	92.90	180.50	94	10752.04	1373.76	1364.31 S	227.94 W	1383.23	189.49	2.71	2.45	1.17
134	MWD	12706.00	92.90	179.40	94	10747.29	1467.53	1458.19 S	227.86 W	1475.89	188.88	1.17	0.00	-1.17
135	MWD	12800.00	91.70	178.90	94	10743.51	1561.26	1552.10 S	226.47 W	1568.54	188.30	1.38	-1.28	-0.53
136	MWD	12863.00	89.20	180.70	63	10743.02	1624.17	1615.09 S	226.25 W	1630.86	187.97	4.89	-3.97	2.86
137	MWD	12895.00	88.30	180.80	32	10743.72	1656.14	1647.08 S	226.67 W	1662.61	187.84	2.83	-2.81	0.31
138	MWD	12989.00	89.60	180.70	94	10745.44	1750.06	1741.06 S	227.90 W	1755.91	187.46	1.39	1.38	-0.11
139	MWD	13083.00	88.00	181.90	94	10747.41	1844.01	1835.01 S	230.03 W	1849.37	187.15	2.13	-1.70	1.28
140	MWD	13178.00	87.80	181.00	95	10750.89	1938.92	1929.91 S	232.43 W	1943.86	186.87	0.97	-0.21	-0.95
141	MWD	13272.00	89.20	180.70	94	10753.35	2032.83	2023.87 S	233.82 W	2037.33	186.59	1.52	1.49	-0.32
142	MWD	13366.00	89.90	180.00	94	10754.09	2126.74	2117.86 S	234.40 W	2130.79	186.32	1.05	0.74	-0.74
143	MWD	13461.00	89.70	179.10	95	10754.42	2221.59	2212.86 S	233.65 W	2225.16	186.03	0.97	-0.21	-0.95
144	MWD	13555.00	89.20	178.50	94	10755.32	2315.35	2306.83 S	231.68 W	2318.44	185.74	0.83	-0.53	-0.64
145	MWD	13650.00	90.40	178.40	95	10755.65	2410.08	2401.80 S	229.11 W	2412.70	185.45	1.27	1.26	-0.11
146	MWD	13744.00	89.60	178.50	94	10755.65	2503.81	2495.76 S	226.57 W	2506.02	185.19	0.86	-0.85	0.11
147	MWD	13839.00	89.90	178.50	95	10756.07	2598.55	2590.73 S	224.09 W	2600.40	184.94	0.32	0.32	0.00
148	MWD	13933.00	89.60	179.20	94	10756.48	2692.32	2684.71 S	222.20 W	2693.89	184.73	0.81	-0.32	0.74
149	MWD	14028.00	89.40	179.60	95	10757.31	2787.15	2779.70 S	221.20 W	2788.48	184.55	0.47	-0.21	0.42
150	MWD	14122.00	90.60	179.20	94	10757.31	2880.99	2873.69 S	220.22 W	2882.12	184.38	1.35	1.28	-0.43
151	MWD	14217.00	88.90	180.00	95	10757.72	2975.84	2968.68 S	219.56 W	2976.79	184.23	1.98	-1.79	0.84
152	MWD	14311.00	89.70	180.00	94	10758.87	3069.72	3062.67 S	219.56 W	3070.53	184.10	0.85	0.85	0.00
153	MWD	14405.00	91.00	180.30	94	10758.30	3163.62	3156.67 S	219.80 W	3164.31	183.98	1.42	1.38	0.32
154	MWD	14500.00	90.80	179.40	95	10756.80	3258.48	3251.66 S	219.55 W	3259.06	183.86	0.97	-0.21	-0.95
155	MWD	14594.00	91.10	179.80	94	10755.24	3352.32	3345.64 S	218.90 W	3352.79	183.74	0.53	0.32	0.43
156	MWD	14689.00	89.90	180.00	95	10754.42	3447.20	3440.64 S	218.73 W	3447.58	183.64	1.28	-1.26	0.21
157	MWD	14783.00	90.30	180.00	94	10754.25	3541.08	3534.64 S	218.73 W	3541.40	183.54	0.43	0.43	0.00

