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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Durango 2 State

#701H

OH

Design: OH

Final PVA Report

02 June, 2019



Final PVA Report

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Durango 2 State
Well: #701H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 32' @ 3510.0usft
MD Reference: KB = 32' @ 3510.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Durango 2 State		
Site Position:		Northing:	425,051.00 usft
From: Map		Easting:	783,515.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 58.041 N
		Longitude:	103° 33' 2.454 W
		Grid Convergence:	0.42 °

Well	#701H		
Well Position	+N-S	0.0 usft	Northing: 425,051.00 usft
	+E-W	0.0 usft	Easting: 783,515.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 9' 58.041 N
		Longitude:	103° 33' 2.454 W
		Ground Level:	3,478.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	4/4/2019	6.74
			Dip Angle (°)
			59.99
			Field Strength (nT)
			47,720.83400382

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)
	0.0	0.0	0.0
			Direction (°)
			179.26

Survey Program	Date	6/2/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
222.0	17,451.0	Leam MWD #1 (OH)	MWD	OWSG MWD - Standard



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MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
222.0	0.30	239.80	222.0	-0.3	-0.5	0.14	0.14	0.00	-0.6	0.0
403.0	0.40	246.50	403.0	-0.8	-1.5	0.06	0.06	3.70	-1.7	0.1
585.0	0.40	229.80	585.0	-1.4	-2.6	0.06	0.00	-9.18	-2.9	-0.5
779.0	0.40	144.70	779.0	-2.4	-2.7	0.28	0.00	-43.87	-0.4	-3.6
968.0	0.80	82.50	968.0	-2.8	-1.0	0.37	0.21	-32.91	1.4	-2.6
1,157.0	0.40	83.90	1,157.0	-2.6	1.0	0.21	-0.21	0.74	-0.7	-2.6
1,261.0	0.20	57.20	1,261.0	-2.4	1.5	0.23	-0.19	-25.67	0.1	-2.8
1,445.0	0.10	125.80	1,445.0	-2.3	1.9	0.10	-0.05	37.28	-2.9	-0.8
1,634.0	0.10	307.00	1,634.0	-2.3	1.9	0.11	0.00	-94.60	2.9	0.7
1,824.0	0.80	310.00	1,824.0	-1.4	0.7	0.37	0.37	1.58	1.5	0.6
2,014.0	0.90	305.90	2,013.9	0.3	-1.5	0.06	0.05	-2.16	-1.4	0.6
2,204.0	1.80	313.70	2,203.9	3.3	-4.9	0.48	0.47	4.11	-5.8	1.0
2,393.0	1.80	310.00	2,392.8	7.2	-9.3	0.06	0.00	-1.96	-11.8	0.4
2,583.0	1.60	336.20	2,582.7	11.6	-12.6	0.42	-0.11	13.79	-15.7	6.9
2,774.0	2.70	31.00	2,773.6	17.9	-11.4	1.16	0.58	28.69	-9.4	19.0
2,964.0	1.10	284.10	2,963.5	22.2	-10.9	1.68	-0.84	-56.26	-15.9	-18.8
3,154.0	1.20	322.60	3,153.5	24.2	-13.8	0.40	0.05	20.26	-27.6	-3.7
3,344.0	1.70	12.70	3,343.4	28.5	-14.4	0.69	0.26	26.37	-24.6	20.3
3,534.0	2.40	37.30	3,533.3	34.4	-11.4	0.58	0.37	12.95	-20.5	29.9
3,723.0	2.60	47.40	3,722.1	40.5	-5.8	0.26	0.11	5.34	-23.1	33.8
3,913.0	1.80	44.40	3,912.0	45.5	-0.6	0.43	-0.42	-1.58	-32.1	32.3
4,102.0	1.80	35.60	4,100.9	50.1	3.2	0.15	0.00	-4.66	-42.6	26.5
4,291.0	1.10	12.40	4,289.8	54.2	5.3	0.48	-0.37	-12.28	-54.1	6.4
4,480.0	0.70	84.10	4,478.8	56.1	6.9	0.58	-0.21	37.94	-12.6	55.1
4,669.0	2.80	120.50	4,667.7	53.9	12.0	1.20	1.11	19.26	17.0	52.6
4,857.0	6.20	134.60	4,855.1	44.5	23.2	1.89	1.81	7.50	14.6	48.0



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Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
5,046.0	5.00	85.90	5,043.3	37.9	38.7	2.51	-0.63	-25.77	-41.2	35.1	
5,235.0	4.70	15.50	5,231.8	45.9	49.0	2.96	-0.16	-37.25	-57.1	-35.0	
5,424.0	4.80	347.60	5,420.2	61.1	49.4	1.21	0.05	-14.76	-41.1	-58.3	
5,614.0	5.40	340.20	5,609.4	77.3	44.6	0.47	0.32	-3.89	-34.6	-55.9	
5,804.0	4.80	338.10	5,798.7	93.1	38.6	0.33	-0.32	-1.11	-34.0	-48.6	
5,994.0	4.50	337.60	5,988.0	107.3	32.8	0.16	-0.16	-0.26	-33.6	-40.0	
6,183.0	4.10	345.70	6,176.5	120.7	28.3	0.38	-0.21	4.29	-36.5	-27.1	
6,373.0	4.10	354.60	6,366.0	134.1	26.0	0.33	0.00	4.68	-36.4	-16.0	
6,563.0	4.00	351.10	6,555.5	147.4	24.3	0.14	-0.05	-1.84	-31.7	-13.5	
6,753.0	4.10	349.70	6,745.1	160.6	22.1	0.07	0.05	-0.74	-27.9	-8.8	
6,942.0	3.90	347.80	6,933.6	173.6	19.5	0.13	-0.11	-1.01	-24.1	-3.9	
7,132.0	3.40	350.20	7,123.2	185.4	17.2	0.28	-0.26	1.26	-19.3	2.8	
7,322.0	2.60	351.60	7,313.0	195.2	15.6	0.42	-0.42	0.74	-12.1	8.4	
7,512.0	2.30	352.20	7,502.8	203.3	14.5	0.16	-0.16	0.32	-3.8	13.2	
7,701.0	1.10	46.10	7,691.7	208.3	15.3	0.99	-0.63	28.52	9.7	9.7	
7,891.0	0.80	56.30	7,881.7	210.3	17.7	0.18	-0.16	5.37	8.1	8.2	
8,081.0	0.80	40.50	8,071.7	212.0	19.7	0.12	0.00	-8.32	3.0	9.7	
8,271.0	0.60	46.70	8,261.7	213.7	21.2	0.11	-0.11	3.26	1.7	9.5	
8,461.0	0.50	60.40	8,451.6	214.8	22.7	0.09	-0.05	7.21	2.1	9.1	
8,651.0	0.30	54.00	8,641.6	215.5	23.8	0.11	-0.11	-3.37	-0.2	9.1	
8,841.0	0.10	190.30	8,831.6	215.7	24.2	0.20	-0.11	71.74	6.7	-6.1	
9,030.0	0.40	212.80	9,020.6	214.9	23.8	0.16	0.16	11.90	3.0	-8.1	
9,220.0	0.30	218.60	9,210.6	214.0	23.1	0.06	-0.05	3.05	1.0	-8.3	
9,410.0	0.40	152.00	9,400.6	213.0	23.1	0.21	0.05	-35.05	7.2	-2.8	
9,599.0	0.60	175.70	9,589.6	211.4	23.5	0.15	0.11	12.54	3.9	-5.2	
9,789.0	0.70	251.60	9,779.6	210.1	22.5	0.42	0.05	39.95	-5.5	-4.0	
9,978.0	0.50	244.20	9,968.6	209.4	20.6	0.11	-0.11	-3.92	-6.9	-4.9	



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10,168.0	0.70	231.90	10,158.6	208.3	19.0	0.12	0.11	-6.47	-7.7	-6.4
10,358.0	0.80	187.30	10,348.6	206.3	17.9	0.30	0.05	-23.47	-3.1	-10.8
10,548.0	1.00	192.20	10,538.6	203.3	17.4	0.11	0.11	2.58	-7.0	-10.4
10,737.0	0.50	8.70	10,727.5	202.5	17.2	0.79	-0.26	93.39	7.2	10.9
10,927.0	0.70	351.10	10,917.5	204.5	17.1	0.14	0.11	-9.26	1.6	12.3
11,117.0	1.90	298.90	11,107.5	207.2	14.2	0.83	0.63	-27.47	-12.6	7.9
11,307.0	2.60	289.10	11,297.3	210.1	7.3	0.42	0.37	-5.16	-21.2	5.1
11,496.0	2.60	260.20	11,486.2	210.8	-0.9	0.69	0.00	-15.29	-29.0	-7.8
11,686.0	3.70	257.20	11,675.9	208.7	-11.2	0.59	0.58	-1.58	-39.0	-9.6
11,738.0	3.60	261.10	11,727.8	208.1	-14.4	0.51	-0.19	7.50	-42.9	-6.8
11,806.0	3.20	269.40	11,795.6	207.7	-18.4	0.93	-0.59	12.21	-47.4	-0.2
11,901.0	2.80	271.70	11,890.5	207.7	-23.4	0.44	-0.42	2.42	-52.4	1.8
11,996.0	3.60	189.20	11,985.4	204.9	-26.2	4.49	0.84	-86.84	-11.9	-54.0
12,043.0	6.80	166.70	12,032.2	200.7	-25.8	7.95	6.81	-47.87	5.5	-55.0
12,044.6	6.89	166.27	12,033.8	200.5	-25.7	6.61	5.80	-26.52	5.7	-55.0
KOP(Durango 2 State #701H)										
12,091.0	9.70	157.60	12,079.7	194.2	-23.6	6.61	6.05	-18.70	9.3	-53.0
12,138.0	13.50	155.80	12,125.7	185.5	-19.8	8.12	8.09	-3.83	7.6	-50.0
12,186.0	14.80	158.30	12,172.3	174.7	-15.3	2.99	2.71	5.21	4.9	-45.7
12,233.0	19.50	154.20	12,217.2	162.1	-9.6	10.32	10.00	-8.72	8.8	-38.7
12,250.5	19.93	152.61	12,233.7	156.8	-7.0	3.91	2.43	-9.07	10.4	-35.3
HL Crossing, MD:12250.5', TVD:12233.7', N/S:156.8', E/W:-7.0', INC:19.93										
12,281.0	20.70	150.00	12,262.3	147.5	-1.9	3.91	2.54	-8.57	13.7	-28.2
12,327.0	23.90	153.70	12,304.8	132.1	6.3	7.59	6.96	8.04	16.6	-18.1
12,375.0	32.20	162.70	12,347.2	111.1	14.4	19.37	17.29	18.75	19.7	-10.8
12,422.0	42.70	170.90	12,384.4	83.4	20.7	24.69	22.34	17.45	21.9	-6.8



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12,454.2	47.39	173.13	12,407.2	60.8	23.8	15.35	14.55	6.92	22.6	-4.4	
FTP(Durango 2 State #701H)											
12,470.0	49.70	174.10	12,417.6	49.0	25.2	15.35	14.64	6.16	22.7	-3.5	
12,517.0	58.80	173.20	12,445.1	11.2	29.4	19.42	19.36	-1.91	21.7	0.4	
12,565.0	68.10	176.60	12,466.5	-31.6	33.1	20.38	19.37	7.08	17.6	3.0	
12,612.0	72.20	179.40	12,482.5	-75.7	34.7	10.37	8.72	5.96	12.6	3.8	
12,660.0	74.10	178.10	12,496.4	-121.7	35.7	4.73	3.96	-2.71	9.5	4.6	
12,707.0	78.30	177.10	12,507.6	-167.2	37.6	9.17	8.94	-2.13	8.6	6.2	
12,755.0	81.40	177.40	12,516.1	-214.4	39.9	6.49	6.46	0.62	9.4	8.1	
12,802.0	85.80	177.30	12,521.3	-261.1	42.0	9.36	9.36	-0.21	11.6	9.9	
12,850.0	88.80	176.90	12,523.6	-309.0	44.4	6.31	6.25	-0.83	13.4	12.0	
12,945.0	90.80	179.60	12,523.9	-403.9	47.3	3.54	2.11	2.84	12.8	14.3	
13,039.0	91.20	179.20	12,522.2	-497.9	48.3	0.60	0.43	-0.43	10.2	14.6	
13,134.0	89.50	180.30	12,521.7	-592.9	48.7	2.13	-1.79	1.16	8.7	14.4	
13,229.0	88.30	182.20	12,523.5	-687.8	46.7	2.37	-1.26	2.00	9.6	11.7	
13,324.0	87.70	182.00	12,526.8	-782.7	43.2	0.67	-0.63	-0.21	12.0	7.6	
13,419.0	87.10	181.30	12,531.1	-877.6	40.5	0.97	-0.63	-0.74	15.3	4.2	
13,514.0	88.60	181.00	12,534.7	-972.5	38.6	1.61	1.58	-0.32	17.9	1.7	
13,540.7	88.57	180.83	12,535.3	-999.1	38.1	0.64	-0.11	-0.63	18.3	1.1	
TGT#1(Durango 2 State #701H)											
13,609.0	88.50	180.40	12,537.1	-1,067.4	37.4	0.64	-0.11	-0.63	19.9	-0.1	
13,704.0	87.10	179.40	12,540.7	-1,162.4	37.6	1.81	-1.47	-1.05	23.6	-0.5	
13,799.0	89.80	180.30	12,543.3	-1,257.3	37.8	3.00	2.84	0.95	26.2	-0.9	
13,894.0	91.40	179.70	12,542.3	-1,352.3	37.8	1.80	1.68	-0.63	25.2	-1.6	
13,989.0	91.40	179.70	12,540.0	-1,447.3	38.3	0.00	0.00	0.00	22.9	-1.7	
14,084.0	91.10	179.40	12,537.9	-1,542.3	39.1	0.45	-0.32	-0.32	20.8	-1.6	
14,178.0	90.50	179.00	12,536.6	-1,636.2	40.4	0.77	-0.64	-0.43	19.5	-0.9	



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14,273.0	89.50	178.30	12,536.6	-1,731.2	42.6	1.28	-1.05	-0.74	19.5	0.7
14,368.0	92.70	179.60	12,534.8	-1,826.2	44.3	3.64	3.37	1.37	17.7	1.8
14,463.0	90.00	179.00	12,532.5	-1,921.1	45.5	2.91	-2.84	-0.63	15.5	2.4
14,557.0	89.60	178.70	12,532.9	-2,015.1	47.4	0.53	-0.43	-0.32	15.8	3.6
14,652.0	91.70	179.40	12,531.8	-2,110.1	49.0	2.33	2.21	0.74	14.7	4.6
14,747.0	93.00	180.10	12,527.9	-2,205.0	49.4	1.55	1.37	0.74	10.9	4.3
14,842.0	91.20	180.80	12,524.4	-2,299.9	48.6	2.03	-1.89	0.74	7.4	3.0
14,937.0	88.60	181.50	12,524.6	-2,394.9	46.7	2.83	-2.74	0.74	7.6	0.4
15,032.0	88.30	182.00	12,527.1	-2,489.8	43.8	0.61	-0.32	0.53	10.1	-3.1
15,128.0	87.80	181.70	12,530.4	-2,585.7	40.7	0.61	-0.52	-0.31	13.4	-6.8
15,141.1	87.68	181.62	12,530.9	-2,598.8	40.4	1.14	-0.95	-0.63	13.9	-7.3
TGT#2(Durango 2 State #701H)										
15,223.0	86.90	181.10	12,534.8	-2,680.6	38.4	1.14	-0.95	-0.63	17.1	-9.8
15,318.0	89.10	179.60	12,538.1	-2,775.5	37.8	2.80	2.32	-1.58	19.3	-11.0
15,412.0	90.30	180.10	12,538.6	-2,869.5	38.1	1.38	1.28	0.53	18.7	-11.4
15,507.0	90.70	180.30	12,537.8	-2,964.5	37.7	0.47	0.42	0.21	16.8	-12.3
15,602.0	89.90	179.90	12,537.3	-3,059.5	37.6	0.94	-0.84	-0.42	15.3	-13.1
15,697.0	89.40	181.30	12,537.9	-3,154.5	36.6	1.56	-0.53	1.47	14.8	-14.8
15,792.0	87.10	182.50	12,540.8	-3,249.4	33.4	2.73	-2.42	1.26	16.6	-18.6
15,887.0	88.50	183.40	12,544.4	-3,344.2	28.6	1.75	1.47	0.95	19.2	-24.1
15,982.0	88.40	182.50	12,547.0	-3,439.0	23.7	0.95	-0.11	-0.95	20.7	-29.6
16,040.8	87.77	181.62	12,548.9	-3,497.8	21.5	1.83	-1.06	-1.49	21.9	-32.1
TGT#3(Durango 2 State #701H)										
16,076.0	87.40	181.10	12,550.4	-3,532.9	20.7	1.83	-1.06	-1.49	22.9	-33.2
16,171.0	87.50	179.00	12,554.7	-3,627.8	20.6	2.21	0.11	-2.21	25.6	-33.9
16,266.0	86.50	176.40	12,559.6	-3,722.6	24.4	2.93	-1.05	-2.74	29.0	-30.6
16,361.0	87.10	176.70	12,564.9	-3,817.3	30.1	0.71	0.63	0.32	32.7	-25.5



Final PVA Report

Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Durango 2 State
 Well: #701H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 32' @ 3510.0usft
 MD Reference: KB = 32' @ 3510.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.14

Survey

MD (usft)	Inc (")	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLeg ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)
16,456.0	89.50	176.60	12,567.7	-3,912.1	35.7	2.53	2.53	-0.11	33.9	-20.6
16,551.0	89.30	176.00	12,568.7	-4,006.9	41.8	0.67	-0.21	-0.63	33.3	-15.1
16,646.0	92.10	179.40	12,567.6	-4,101.7	45.6	4.64	2.95	3.58	30.6	-12.0
16,741.0	90.70	180.30	12,565.3	-4,196.7	45.9	1.75	-1.47	0.95	26.6	-12.4
16,836.0	89.70	181.10	12,564.9	-4,291.7	44.7	1.35	-1.05	0.84	24.7	-14.2
16,931.0	85.80	179.40	12,568.7	-4,386.6	44.3	4.48	-4.11	-1.79	26.9	-15.2
16,942.1	85.72	179.33	12,569.5	-4,397.7	44.4	0.97	-0.74	-0.63	27.5	-15.2
TGT#4(Durango 2 State #701H)										
17,026.0	85.10	178.80	12,576.2	-4,481.3	45.8	0.97	-0.74	-0.63	33.3	-14.4
17,120.0	86.20	178.80	12,583.3	-4,575.0	47.8	1.17	1.17	0.00	39.6	-13.0
17,215.0	86.60	178.30	12,589.3	-4,669.8	50.2	0.67	0.42	-0.53	44.6	-11.3
17,310.0	87.30	178.30	12,594.3	-4,764.6	53.0	0.74	0.74	0.00	48.7	-9.1
17,396.0	87.40	178.50	12,598.3	-4,850.5	55.4	0.26	0.12	0.23	51.9	-7.2
Final MWD Survey (MD=17396.0')										
17,451.0	87.40	178.50	12,600.8	-4,905.4	56.8	0.00	0.00	0.00	53.8	-6.2
Final Projection to Bit (MD=17451.0') - PBHL(Durango 2 State #701H)										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,250.5	12,233.7	156.8	-7.0	HL Crossing, MD:12250.5', TVD:12233.7', N/S:156.8', E/W:-7.0', INC:19.93
17,396.0	12,598.3	-4,850.5	55.4	Final MWD Survey (MD=17396.0')
17,451.0	12,600.8	-4,905.4	56.8	Final Projection to Bit (MD=17451.0')

Checked By: _____ Approved By: _____ Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 1/20/2020
 Signed Date



Lea County, NM (NAD 83 NME)

Durango 2 State #701H

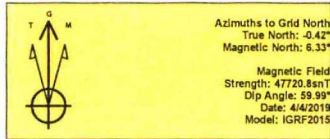
Plan #1

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: #701H

KB = 32' @ 3510.0usft 3478.0
Northing 425051.00 Easting 783515.00 Latitude 32° 9' 58.041 N Longitude 103° 33' 2.454 W



Azimuths to Grid North
True North: -0.42°
Magnetic North: 6.33°
Magnetic Field
Strength: 47720.8nT
Dip Angle: 59.90°
Date: 4/4/2019
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.33°
To convert a Magnetic Direction to a True Direction, Add 6.74° East
To convert a True Direction to a Grid Direction, Subtract 0.42°

SECTION DETAILS

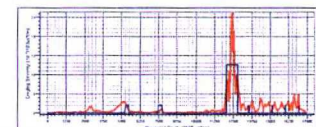
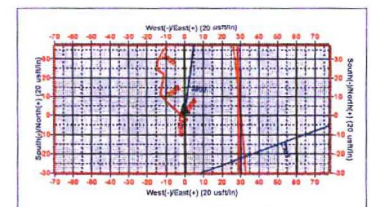
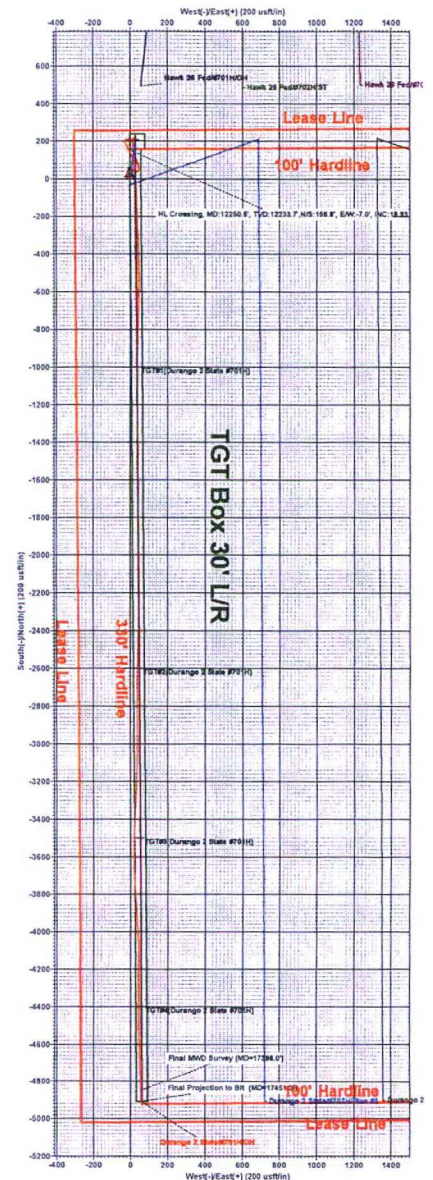
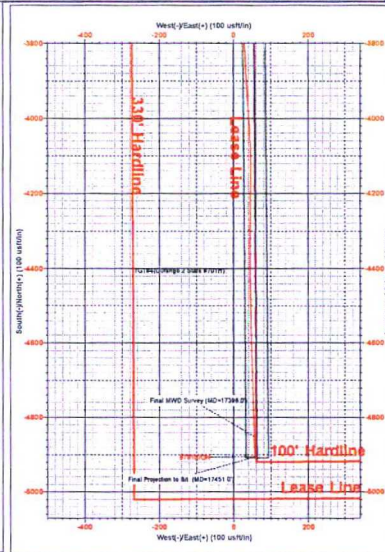
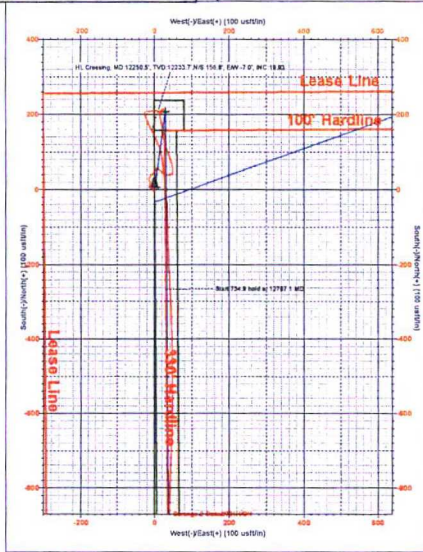
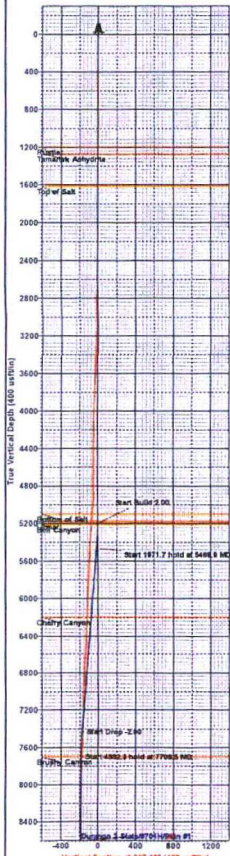
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	5200.0	0.00	0.00	5200.0	0.0	0.0	0.00	0.00	0.0		
3	5469.9	5.38	7.94	5469.5	12.5	1.7	2.00	7.94	-12.5		
4	7440.6	5.38	7.94	7431.5	195.5	27.3	0.00	0.00	-195.1		
5	7708.8	0.00	0.00	7700.0	208.0	29.0	2.00	180.00	-207.6		
6	12341.8	0.00	0.00	12332.3	208.0	29.0	0.00	0.00	-207.6		
7	12787.1	89.43	179.62	12509.7	-264.7	32.1	12.00	179.62	265.1	KOP(Durango 2 State #701H)	
8	13522.0	89.43	179.62	12517.0	-999.6	37.0	0.00	0.00	1000.0	TGT#1(Durango 2 State #701H)	
9	13550.5	90.01	179.62	12517.1	-1028.1	37.2	2.00	0.00	1028.5	TGT#2(Durango 2 State #701H)	
10	15122.0	90.01	179.62	12517.0	-2599.6	47.7	0.00	0.00	2600.0	TGT#3(Durango 2 State #701H)	
11	16154.7	89.35	179.62	12517.2	-2632.3	47.9	2.00	-180.00	2632.7	TGT#4(Durango 2 State #701H)	
12	16025.1	89.35	179.62	12527.0	-3499.6	53.6	0.00	0.00	3500.0		
13	16037.5	89.04	179.62	12527.2	-3515.0	53.7	2.00	180.00	3515.4		
14	16922.2	89.04	179.62	12542.0	-4399.6	59.6	0.00	0.00	4400.0		
15	16942.3	89.44	179.62	12542.3	-4419.7	59.8	2.00	0.00	4420.1		
16	17430.7	89.44	179.62	12547.0	-4908.0	63.0	0.00	0.00	4908.4	PBHL(Durango 2 State #701H)	

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
KOP(Durango 2 State #701H)	12032.3	208.0	29.0	425259.00	783544.00
TGT#1(Durango 2 State #701H)	12517.0	-999.6	37.0	424051.40	783552.03
TGT#2(Durango 2 State #701H)	12517.0	-2599.6	47.7	424451.40	783562.66
TGT#3(Durango 2 State #701H)	12527.0	-3499.6	53.6	421651.40	783568.64
TGT#4(Durango 2 State #701H)	12542.0	-4399.6	59.6	420651.40	783574.62
PBHL(Durango 2 State #701H)	12647.0	-4908.0	63.0	420143.00	783578.00
FTD(Durango 2 State #701H)	12507.0	158.0	29.0	425209.00	783544.00



Lea County, NM (NAD 83 NME)
Durango 2 State #701H
Plan #1
4/4/2019