



HOBBS OCD
MAR 09 2018
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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Condor 32 State

#704H

OH

Design: OH

PVA Report

08 December, 2017



PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #704H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3344.0usft
Site:	Condor 32 State	MD Reference:	KB = 25' @ 3344.0usft
Well:	#704H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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	Condor 32 State		
Site Position:		Northing:	398,890.00 usft
From:	Map	Easting:	803,604.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 5' 37.669 N
		Longitude:	103° 29' 11.148 W
		Grid Convergence:	0.45 °

Well	#704H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			usft
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	10/17/2017	6.87
			Dip Angle (°)
			59.95
			Field Strength (nT)
			47,835.43739875

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 (°)
			180.47



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Survey Program	Date	12/8/2017		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
202.0	920.0	Olebrook MWD (OH)	MWD	MWD - Standard
972.0	17,535.0	Intrepid MWD (OH)	MWD	MWD - Standard

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
202.0	0.97	278.55	202.0	0.3	-1.7	0.48	0.48	0.00	-1.7	0.0
327.0	1.06	329.55	327.0	1.4	-3.3	0.70	0.07	40.80	-2.9	2.2
358.0	0.53	332.55	358.0	1.8	-3.5	1.71	-1.71	9.68	-3.2	2.3
517.0	0.97	298.64	517.0	3.1	-5.1	0.38	0.28	-21.33	-5.9	-0.3
643.0	0.18	68.98	643.0	3.7	-5.8	0.87	-0.63	103.44	4.1	5.5
737.0	0.35	184.03	737.0	3.4	-5.7	0.49	0.18	122.39	3.0	-5.9
831.0	0.35	217.34	830.9	2.9	-5.9	0.21	0.00	35.44	-1.3	-6.4
863.0	0.62	11.06	862.9	3.0	-5.9	2.96	0.84	480.37	-1.8	6.4
920.0	0.44	238.81	919.9	3.2	-6.0	1.71	-0.32	-232.02	-3.5	-5.9
972.0	0.40	245.00	971.9	3.0	-6.4	0.12	-0.08	11.91	-4.5	-5.4
1,157.0	0.40	190.90	1,156.9	2.1	-7.1	0.20	0.00	-29.24	0.7	-7.4
1,342.0	0.30	273.20	1,341.9	1.5	-7.7	0.25	-0.05	44.49	-7.8	-1.1
1,527.0	0.10	187.20	1,526.9	1.4	-8.2	0.17	-0.11	-46.49	0.3	-8.3
1,713.0	0.30	241.00	1,712.9	1.0	-8.6	0.14	0.11	28.92	-7.1	-5.0
1,899.0	0.20	351.10	1,898.9	1.1	-9.1	0.22	-0.05	59.19	-2.5	8.8
2,087.0	0.40	329.10	2,086.9	1.9	-9.5	0.12	0.11	-11.70	-6.5	7.2
2,273.0	0.20	343.60	2,272.9	2.8	-9.9	0.11	-0.11	7.80	-5.5	8.7
2,460.0	0.50	33.30	2,459.9	3.8	-9.6	0.21	0.16	26.58	2.1	10.1
2,647.0	0.70	39.90	2,646.9	5.4	-8.4	0.11	0.11	3.53	1.3	9.9
2,837.0	0.80	31.40	2,836.9	7.4	-7.0	0.08	0.05	-4.47	-2.7	9.8



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
3,024.0	3.00	9.10	3,023.8	13.3	-5.5	1.22	1.18	-11.93	-12.3	7.5	
3,211.0	3.90	15.00	3,210.4	24.3	-3.1	0.52	0.48	3.16	-22.5	9.2	
3,399.0	4.80	25.30	3,397.9	37.6	1.9	0.63	0.48	5.48	-29.9	11.1	
3,586.0	4.80	6.70	3,584.3	52.4	6.2	0.83	0.00	-9.95	-40.8	-3.1	
3,772.0	4.70	355.80	3,769.6	67.8	6.5	0.49	-0.05	-5.86	-48.3	-12.7	
3,959.0	4.70	354.10	3,956.0	83.0	5.2	0.07	0.00	-0.91	-56.7	-14.6	
4,147.0	5.40	2.20	4,143.3	99.5	4.7	0.53	0.37	4.31	-68.2	-6.5	
4,333.0	5.10	1.00	4,328.5	116.5	5.2	0.17	-0.16	-0.65	-78.7	-9.1	
4,520.0	5.00	359.40	4,514.8	133.0	5.3	0.09	-0.05	-0.86	-88.4	-12.3	
4,708.0	4.20	352.60	4,702.2	148.0	4.3	0.51	-0.43	-3.62	-94.8	-23.7	
4,899.0	3.20	358.80	4,892.8	160.3	3.3	0.56	-0.52	3.25	-102.4	-13.3	
5,081.0	3.20	1.00	5,074.5	170.4	3.3	0.07	0.00	1.21	-106.8	-10.2	
5,138.0	3.70	347.60	5,131.4	173.8	2.9	1.66	0.88	-23.51	-102.1	-34.8	
5,329.0	3.10	354.80	5,322.0	185.0	1.1	0.38	-0.31	3.77	-99.2	-21.8	
5,516.0	3.40	353.50	5,508.7	195.5	0.0	0.17	0.16	-0.70	-79.1	-25.0	
5,702.0	3.70	355.50	5,694.4	207.0	-1.1	0.17	0.16	1.08	-53.0	-24.3	
5,890.0	4.90	348.40	5,881.8	220.9	-3.1	0.70	0.64	-3.78	-24.5	-28.6	
6,076.0	6.60	341.20	6,066.9	238.8	-8.2	0.99	0.91	-3.87	-1.2	-25.0	
6,263.0	10.50	337.90	6,251.8	264.8	-18.1	2.10	2.09	-1.76	10.2	-16.0	
6,450.0	12.30	338.70	6,435.1	299.1	-31.7	0.97	0.96	0.43	10.9	-6.9	
6,637.0	13.40	338.70	6,617.4	337.9	-46.8	0.59	0.59	0.00	7.1	2.2	
6,824.0	15.90	347.80	6,798.3	383.1	-60.1	1.81	1.34	4.87	-1.1	7.5	
7,009.0	15.80	358.10	6,976.3	433.1	-66.3	1.52	-0.05	5.57	-12.1	8.2	
7,196.0	12.20	1.00	7,157.8	478.3	-66.8	1.96	-1.93	1.55	-18.6	4.1	
7,382.0	11.50	357.80	7,339.8	516.5	-67.2	0.52	-0.38	-1.72	-18.4	-1.8	
7,570.0	9.30	358.50	7,524.7	550.4	-68.3	1.17	-1.17	0.37	-13.6	-5.6	
7,757.0	5.10	0.90	7,710.2	573.8	-68.6	2.25	-2.25	1.28	-6.4	-9.1	



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7,942.0	3.80	357.50	7,894.6	588.2	-68.7	0.72	-0.70	-1.84	-1.3	-11.7	
8,129.0	0.40	70.80	8,081.5	594.6	-68.3	1.98	-1.82	39.20	-12.6	-3.1	
8,316.0	0.60	140.60	8,268.5	594.0	-67.1	0.32	0.11	37.33	-8.5	11.4	
8,502.0	0.60	119.70	8,454.5	592.8	-65.6	0.12	0.00	-11.24	-13.8	7.3	
8,690.0	1.10	146.20	8,642.4	590.8	-63.8	0.33	0.27	14.10	-11.8	13.1	
8,877.0	0.90	254.70	8,829.4	588.9	-64.2	0.87	-0.11	58.02	15.3	8.8	
9,066.0	1.00	244.30	9,018.4	587.8	-67.1	0.11	0.05	-5.50	10.4	11.1	
9,255.0	1.10	237.30	9,207.4	586.1	-70.1	0.09	0.05	-3.70	5.5	12.1	
9,443.0	0.70	265.70	9,395.3	585.1	-72.8	0.31	-0.21	15.11	7.8	8.9	
9,630.0	0.30	198.70	9,582.3	584.5	-74.1	0.34	-0.21	-35.83	-6.1	9.6	
9,818.0	0.60	155.60	9,770.3	583.1	-73.8	0.23	0.16	-22.93	-12.3	2.6	
10,006.0	1.80	179.00	9,958.3	579.3	-73.4	0.68	0.64	12.45	-14.2	7.6	
10,192.0	1.20	192.10	10,144.2	574.5	-73.7	0.37	-0.32	7.04	-16.9	11.3	
10,379.0	2.00	219.50	10,331.2	570.0	-76.2	0.58	0.43	14.65	-14.8	18.7	
10,565.0	2.30	256.20	10,517.0	566.6	-81.9	0.74	0.16	19.73	-7.0	25.8	
10,754.0	2.20	233.90	10,705.9	563.6	-88.5	0.46	-0.05	-11.80	-23.4	19.8	
10,940.0	0.70	59.20	10,891.9	562.1	-90.4	1.56	-0.81	-93.92	23.9	-22.2	
11,127.0	1.20	135.60	11,078.8	561.3	-88.1	0.66	0.27	40.86	-18.1	-27.3	
11,313.0	0.80	122.10	11,264.8	559.2	-85.6	0.25	-0.22	-7.26	-14.5	-31.2	
11,500.0	0.90	63.50	11,451.8	559.1	-83.2	0.45	0.05	-31.34	17.0	-29.7	
11,688.0	0.30	66.40	11,639.8	560.0	-81.4	0.32	-0.32	1.54	13.5	-30.5	
11,874.0	1.10	111.40	11,825.8	559.5	-79.3	0.49	0.43	24.19	-14.1	-30.7	
11,999.0	0.80	91.50	11,950.7	559.1	-77.3	0.35	-0.24	-15.92	-4.8	-34.1	
12,103.0	1.00	157.50	12,054.7	558.2	-76.3	0.96	0.19	63.46	-34.4	-8.8	
12,290.0	0.90	141.10	12,241.7	555.6	-74.7	0.15	-0.05	-8.77	-33.5	-18.6	
12,385.0	1.40	161.70	12,336.7	553.9	-73.9	0.67	0.53	21.68	-39.8	-5.4	
12,432.0	9.00	175.60	12,383.5	549.7	-73.4	16.27	16.17	29.57	-44.1	4.5	



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12,441.0	10.38	175.09	12,392.4	548.2	-73.3	15.34	15.31	-5.61	-45.7		4.2
KOP (Condor 32 State #704H)											
12,479.0	16.20	173.90	12,429.3	539.5	-72.4	15.34	15.32	-3.14	-53.6		3.2
12,526.0	21.60	173.80	12,473.8	524.4	-70.8	11.49	11.49	-0.21	-63.6		3.7
12,572.0	24.90	172.30	12,516.0	506.3	-68.6	7.29	7.17	-3.26	-71.9		3.3
12,619.0	28.30	174.30	12,558.0	485.4	-66.2	7.48	7.23	4.26	-77.6		7.7
12,666.0	32.00	177.80	12,598.7	461.9	-64.6	8.71	7.87	7.45	-80.2		13.5
12,713.0	36.90	179.70	12,637.4	435.3	-64.0	10.67	10.43	4.04	-81.1		16.1
12,760.0	40.40	179.60	12,674.1	406.0	-63.8	7.45	7.45	-0.21	-80.2		15.9
12,807.0	43.10	179.40	12,709.2	374.7	-63.6	5.75	5.74	-0.43	-76.3		15.8
12,853.0	43.10	179.60	12,742.8	343.3	-63.3	0.30	0.00	0.43	-68.3		16.2
12,900.0	45.30	178.30	12,776.5	310.5	-62.7	5.06	4.68	-2.77	-56.0		16.1
12,901.0	45.43	178.32	12,777.2	309.8	-62.7	13.56	13.47	2.15	-55.7		16.2
HL Crossing, MD:12901.0', TVD:12777.2', N/S:309.8', E/W:-62.7', INC:45.43											
12,946.0	51.50	179.20	12,807.0	276.1	-62.0	13.56	13.48	1.95	-42.3		17.0
12,962.3	53.29	178.82	12,817.0	263.2	-61.7	11.12	10.96	-2.31	-37.5		17.0
FTP (Condor 32 State #704H)											
12,977.0	54.90	178.50	12,825.6	251.3	-61.5	11.12	10.97	-2.21	-33.2		17.2
13,006.0	58.40	178.40	12,841.5	227.1	-60.8	12.07	12.07	-0.34	-24.5		17.6
13,034.0	62.10	178.10	12,855.4	202.8	-60.1	13.25	13.21	-1.07	-16.2		17.9
13,069.0	70.10	177.80	12,869.6	170.8	-58.9	22.87	22.86	-0.86	-7.3		18.6
13,084.0	74.10	177.40	12,874.2	156.6	-58.3	26.79	26.67	-2.67	-4.3		19.0
13,141.0	86.20	179.70	12,883.9	100.6	-56.9	21.60	21.23	4.04	3.7		19.9
13,234.0	87.50	179.70	12,889.0	7.7	-56.4	1.40	1.40	0.00	8.0		19.6
13,327.0	89.00	181.30	12,891.8	-85.2	-57.2	2.36	1.61	1.72	10.0		17.9
13,421.0	87.90	183.30	12,894.4	-179.1	-61.0	2.43	-1.17	2.13	11.7		13.3
13,515.0	88.10	183.50	12,897.7	-272.9	-66.6	0.30	0.21	0.21	14.1		6.9
13,608.0	88.60	181.40	12,900.3	-365.8	-70.6	2.32	0.54	-2.26	16.0		2.1



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13,702.0	88.70	179.70	12,902.6	-459.7	-71.5	1.81	0.11	-1.81	17.4	0.3	
13,795.0	88.40	179.80	12,904.9	-552.7	-71.0	0.34	-0.32	0.11	18.9	-0.1	
13,888.0	87.50	179.00	12,908.2	-645.6	-70.1	1.29	-0.97	-0.86	21.4	0.0	
13,981.0	89.20	179.60	12,910.9	-738.6	-68.9	1.94	1.83	0.65	23.2	0.3	
14,074.0	88.80	179.70	12,912.5	-831.6	-68.4	0.44	-0.43	0.11	24.0	0.1	
14,168.0	90.80	179.80	12,912.9	-925.6	-68.0	2.13	2.13	0.11	23.5	-0.4	
14,243.0	92.08	180.04	12,911.0	-1,000.6	-67.9	1.73	1.70	0.32	21.0	-0.9	
TGT 1 (Condor 32 State #704H)											
14,262.0	92.40	180.10	12,910.2	-1,019.5	-67.9	1.73	1.70	0.32	20.1	-1.1	
14,355.0	91.60	179.20	12,907.0	-1,112.5	-67.3	1.29	-0.86	-0.97	15.9	-1.4	
14,448.0	91.00	179.10	12,904.9	-1,205.4	-65.9	0.65	-0.65	-0.11	12.8	-0.9	
14,542.0	88.60	178.20	12,905.2	-1,299.4	-63.7	2.73	-2.55	-0.96	12.2	0.5	
14,635.0	85.50	176.10	12,910.0	-1,392.2	-59.1	4.02	-3.33	-2.26	16.1	4.3	
14,729.0	85.80	177.20	12,917.1	-1,485.7	-53.6	1.21	0.32	1.17	22.3	8.9	
14,823.0	87.70	178.40	12,922.5	-1,579.5	-50.0	2.39	2.02	1.28	26.7	11.6	
14,916.0	88.40	179.50	12,925.6	-1,672.4	-48.3	1.40	0.75	1.18	28.9	12.5	
15,009.0	91.50	180.10	12,925.7	-1,765.4	-48.0	3.40	3.33	0.65	28.0	12.0	
15,102.0	91.50	179.90	12,923.3	-1,858.4	-48.0	0.21	0.00	-0.22	24.7	11.1	
15,194.0	91.00	179.60	12,921.3	-1,950.4	-47.6	0.63	-0.54	-0.33	21.8	10.7	
15,243.6	91.21	179.60	12,920.3	-2,000.0	-47.2	0.43	0.43	0.00	20.3	10.6	
TGT 2 (Condor 32 State #704H)											
15,288.0	91.40	179.60	12,919.3	-2,044.3	-46.9	0.43	0.43	0.00	18.8	10.5	
15,382.0	90.20	179.50	12,918.0	-2,138.3	-46.2	1.28	-1.28	-0.11	16.6	10.4	
15,475.0	89.30	178.30	12,918.4	-2,231.3	-44.4	1.61	-0.97	-1.29	16.1	11.3	
15,568.0	88.30	177.40	12,920.3	-2,324.2	-40.9	1.45	-1.08	-0.97	17.1	14.0	
15,663.0	88.30	177.80	12,923.2	-2,419.1	-37.0	0.42	0.00	0.42	19.0	17.1	
15,757.0	89.30	177.80	12,925.1	-2,513.0	-33.3	1.06	1.06	0.00	20.0	19.8	



PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #704H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3344.0usft
Site:	Condor 32 State	MD Reference:	KB = 25' @ 3344.0usft
Well:	#704H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
15,850.0	92.10	180.00	12,924.0	-2,606.0	-31.6	3.83	3.01	2.37	17.9	20.8	
15,943.0	92.10	181.50	12,920.6	-2,698.9	-32.8	1.61	0.00	1.61	13.6	18.7	
16,037.0	90.40	180.80	12,918.5	-2,792.8	-34.7	1.96	-1.81	-0.74	10.6	16.0	
16,130.0	87.90	179.80	12,919.9	-2,885.8	-35.1	2.90	-2.69	-1.08	11.0	14.7	
16,223.0	91.60	182.20	12,920.3	-2,978.8	-36.8	4.74	3.98	2.58	10.5	12.2	
16,244.9	91.39	182.22	12,919.7	-3,000.6	-37.6	0.96	-0.96	0.11	9.7	11.2	
TGT 3 (Condor 32 State #704H)											
16,317.0	90.70	182.30	12,918.4	-3,072.7	-40.5	0.96	-0.96	0.11	7.7	7.6	
16,409.0	88.50	180.50	12,919.1	-3,164.6	-42.7	3.09	-2.39	-1.96	7.4	4.6	
16,503.0	86.80	179.40	12,922.9	-3,258.6	-42.6	2.15	-1.81	-1.17	10.3	3.8	
16,596.0	86.30	178.60	12,928.5	-3,351.4	-41.0	1.01	-0.54	-0.86	15.0	4.6	
16,688.0	86.20	178.10	12,934.5	-3,443.1	-38.4	0.55	-0.11	-0.54	20.1	6.4	
16,781.0	89.50	178.90	12,938.0	-3,536.0	-35.9	3.65	3.55	0.86	22.7	8.0	
16,875.0	91.30	179.60	12,937.4	-3,630.0	-34.7	2.05	1.91	0.74	21.1	8.4	
16,969.0	90.80	178.90	12,935.7	-3,724.0	-33.5	0.92	-0.53	-0.74	18.4	8.7	
17,062.0	90.50	178.60	12,934.6	-3,817.0	-31.4	0.46	-0.32	-0.32	16.4	9.9	
17,155.0	91.80	180.20	12,932.7	-3,909.9	-30.5	2.22	1.40	1.72	13.6	10.0	
17,245.4	91.61	179.33	12,930.0	-4,000.3	-30.1	0.98	-0.21	-0.96	10.0	9.6	
TGT 4 (Condor 32 State #704H)											
17,249.0	91.60	179.30	12,929.9	-4,003.9	-30.1	0.98	-0.21	-0.96	9.9	9.6	
17,342.0	88.30	178.90	12,930.0	-4,096.9	-28.6	3.57	-3.55	-0.43	7.9	10.2	
17,436.0	85.70	176.80	12,934.9	-4,190.7	-25.1	3.55	-2.77	-2.23	10.4	12.9	
Final MWD Survey (MD= 17436.0')											
17,535.0	85.70	176.80	12,942.4	-4,289.2	-19.6	0.00	0.00	0.00	15.3	17.5	
Final Bit Projection (MD= 17535.0') - PBHL (Condor 32 State #704H)											



PVA Report

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Condor 32 State
Well: #704H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25' @ 3344.0usft
MD Reference: KB = 25' @ 3344.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,901.0	12,777.2	309.8	-62.7	HL Crossing, MD:12901.0', TVD:12777.2', N/S:309.8', E/W:-62.7', INC:45.43
17,436.0	12,934.9	-4,190.7	-25.1	Final MWD Survey (MD= 17436.0')
17,535.0	12,942.4	-4,289.2	-19.6	Final Bit Projection (MD= 17535.0')

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)

Condor 32 State #704H

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: #704H

KB = 25' @ 3344.0usft 3319.0
Northing 398413.00 Easting 804036.00 Latitude 32° 5' 32.915 N Longitude 103° 29' 6.170 W

Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.42°
Magnetic Field
Strength: 47835.4nT
Dip Angle: 59.95°
Date: 10/17/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.42°
To convert a Magnetic Direction to a True Direction, Add 6.87° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

SECTION DETAILS

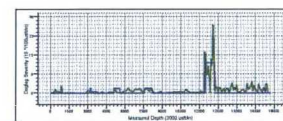
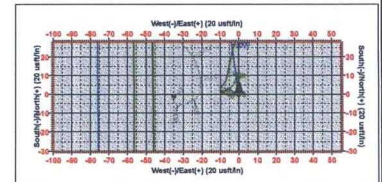
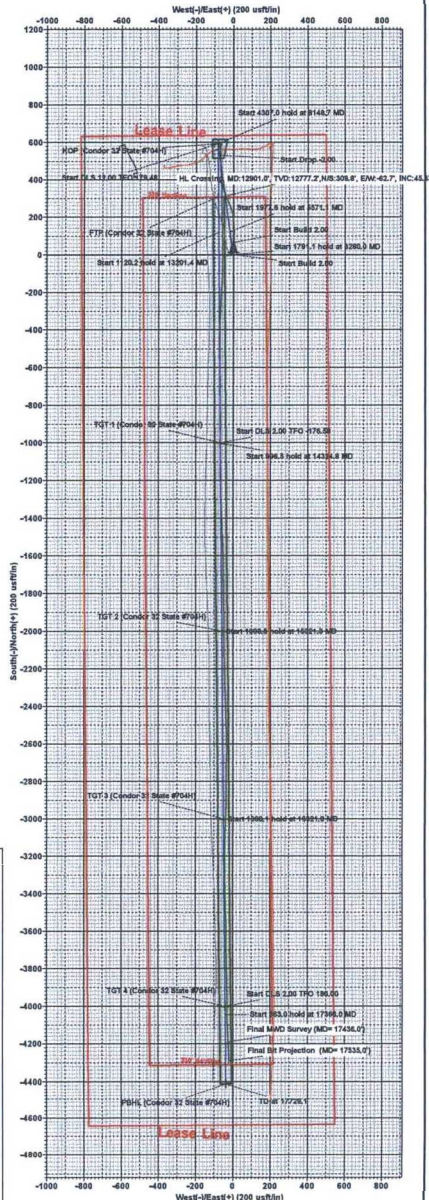
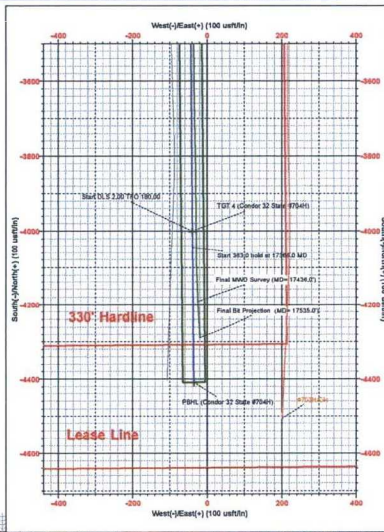
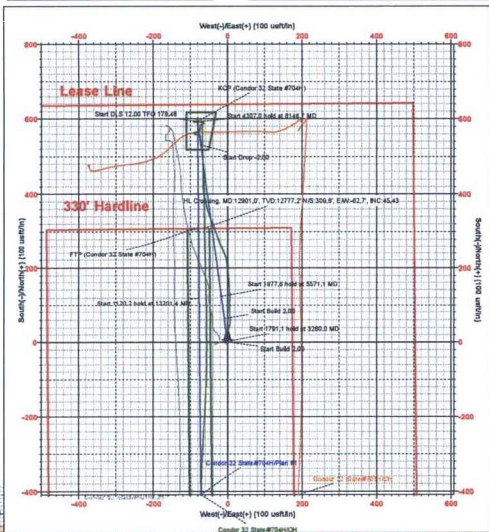
Sec	MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0	
2	3180.0	0.00	0.00	3180.0	0.0	0.0	0.00	0.00	0.0	
3	3280.0	2.00	352.20	3280.0	1.7	-0.2	2.00	352.20	-1.7	
4	5071.1	2.00	352.20	5070.0	63.7	-8.7	0.00	0.00	-63.6	
5	5571.1	12.00	352.20	5565.6	124.0	-17.0	2.00	0.00	-123.8	
6	7548.7	12.00	352.20	7500.0	531.3	-72.8	0.00	0.00	-530.7	
7	8148.7	0.00	0.00	8095.6	593.3	-81.3	2.00	180.00	-592.6	
8	12455.7	0.00	0.00	12402.6	593.3	-81.3	0.00	0.00	-592.6	
9	13201.4	89.49	179.48	12890.0	120.1	-77.0	12.00	179.48	-119.5	
10	14321.6	89.49	179.48	12890.0	-1000.0	-66.9	0.00	0.00	1000.5	TGT 1 (Condor 32 State #704H)
11	14324.8	89.43	179.48	12890.0	-1003.2	-66.9	2.00	-176.58	1003.7	
12	15321.3	89.43	179.48	12900.0	-1999.6	-57.8	0.00	0.00	2000.0	TGT 2 (Condor 32 State #704H)
13	16321.8	89.43	179.48	12910.0	-3000.0	-48.8	0.00	0.00	3000.3	TGT 3 (Condor 32 State #704H)
14	17321.9	89.43	179.48	12920.0	-4000.0	-39.7	0.00	0.00	4000.2	TGT 4 (Condor 32 State #704H)
15	17366.0	88.54	179.48	12920.8	-4044.1	-39.3	2.00	180.00	4044.3	
16	17729.1	88.54	179.48	12930.0	-4407.0	-36.0	0.00	0.00	4407.1	PBHL (Condor 32 State #704H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/S	+E/W	Northing	Easting
KOP (Condor 32 State #704H)	12402.6	593.3	-81.3	398906.33	803954.72
FTP (Condor 32 State #704H)	12890.0	310.0	-79.0	398723.00	803957.00
TGT 1 (Condor 32 State #704H)	12890.0	-1000.0	-66.9	397413.00	803969.08
TGT 2 (Condor 32 State #704H)	12900.0	-1999.6	-57.8	396413.40	803978.15
TGT 3 (Condor 32 State #704H)	12910.0	-3000.0	-48.8	395413.00	803987.23
TGT 4 (Condor 32 State #704H)	12920.0	-4000.0	-39.7	394413.00	803996.31
PBHL (Condor 32 State #704H)	12930.0	-4407.0	-36.0	394006.00	804000.00



Lea County, NM (NAD 83 NME)
Condor 32 State #704H
Plan #1
10/17/2017
eog resources