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DISTRICT II-ARTESIA O.C.D.

EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Plucky 14 Fed Com

#502H

OH

30.015-44144

Design: OH

PVA Report

27 November, 2017

PVA Report

Company:	EOG Resources - Midland		Local Co-ordinate Reference:	Well #502H	
Project:	Eddy County, NM (NAD 83 NME)		TVD Reference:	KB = 25' @ 3389.0usft (HP 642)	
Site:	Plucky 14 Fed Com		MD Reference:	KB = 25' @ 3389.0usft (HP 642)	
Well:	#502H		North Reference:	Grid	
Wellbore:	OH		Survey Calculation Method:	Minimum Curvature	
Design:	OH		Database:	EDM 5000.14	

Project	Eddy 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	Plucky 14 Fed Com					
Site Position:			Northing:	376,775.00 usft	Latitude:	32° 2' 8.921 N
From:	Map		Easting:	564,968.00 usft	Longitude:	104° 15' 25.464 W
Position Uncertainty:	0.0 usft		Slot Radius:	13-3/16 "	Grid Convergence:	0.04 °

Well	#502H					
Well Position	+N/-S	0.0 usft	Northing:	376,775.00 usft	Latitude:	32° 2' 8.921 N
	+E/-W	0.0 usft	Easting:	564,968.00 usft	Longitude:	104° 15' 25.464 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,364.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/13/2017	7.26	59.78	47,753.64669555

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)	Direction (°)	
	0.0	0.0	0.0	1.42	

Survey Program	Date	11/27/2017			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
152.0	14,907.0	Intrepid MWD (OH)	MWD	MWD - Standard	

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Well:	#502H	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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
152.0	1.10	275.90	152.0	0.1	-1.5	0.72	0.72	0.00	-1.5	0.0	
320.0	1.20	279.40	320.0	0.6	-4.8	0.07	0.06	2.08	-4.8	0.2	
487.0	1.00	278.30	486.9	1.1	-8.0	0.12	-0.12	-0.66	-8.0	0.1	
606.0	0.70	278.50	605.9	1.4	-9.7	0.25	-0.25	0.17	-9.8	0.1	
788.0	0.50	305.20	787.9	2.0	-11.5	0.19	-0.11	14.67	-10.5	5.0	
968.0	0.60	301.30	967.9	2.9	-12.9	0.06	0.06	-2.17	-12.5	4.2	
1,152.0	1.80	110.30	1,151.9	2.4	-11.0	1.30	0.65	91.85	11.2	-1.6	
1,333.0	6.10	106.40	1,332.4	-1.3	0.9	2.38	2.38	-2.15	-0.4	-0.8	
1,513.0	8.70	110.20	1,510.9	-8.7	22.8	1.47	1.44	2.11	-13.8	2.0	
1,698.0	9.70	109.10	1,693.5	-18.6	50.7	0.55	0.54	-0.59	-22.1	6.3	
1,827.0	9.40	111.80	1,820.7	-26.1	70.7	0.42	-0.23	2.09	-25.6	11.1	
1,955.0	8.70	114.30	1,947.1	-34.0	89.3	0.63	-0.55	1.95	-27.6	15.0	
2,143.0	8.00	113.90	2,133.1	-45.1	114.2	0.37	-0.37	-0.21	-29.1	18.4	
2,331.0	7.30	115.40	2,319.5	-55.5	136.9	0.39	-0.37	0.80	-27.6	22.5	
2,520.0	9.10	118.50	2,508.5	-67.8	160.9	0.98	0.95	1.64	-27.0	26.2	
2,709.0	9.30	128.40	2,693.1	-84.4	186.0	0.84	0.11	5.24	-26.1	30.0	
2,897.0	7.80	130.00	2,879.0	-102.1	207.7	0.81	-0.80	0.85	-27.3	27.5	
3,086.0	7.60	132.20	3,066.3	-118.7	226.8	0.19	-0.11	1.16	-25.6	24.4	
3,274.0	7.40	131.40	3,252.7	-135.1	245.1	0.12	-0.11	-0.43	-24.7	19.6	
3,463.0	6.40	135.80	3,440.3	-150.7	261.6	0.60	-0.53	2.33	-20.2	16.1	
3,652.0	5.40	136.90	3,628.3	-164.7	275.0	0.53	-0.53	0.58	-13.8	9.9	
3,841.0	5.00	138.90	3,816.5	-177.4	286.5	0.23	-0.21	1.06	-5.4	3.1	
4,030.0	4.40	138.30	4,004.9	-189.0	296.7	0.32	-0.32	-0.32	-2.7	-2.4	
4,218.0	1.80	101.70	4,192.6	-195.0	304.4	1.67	-1.38	-19.47	-3.3	-5.6	
4,407.0	0.20	168.50	4,381.6	-195.9	307.4	0.92	-0.85	35.34	-7.9	3.6	
4,597.0	0.60	177.50	4,571.6	-197.3	307.5	0.21	0.21	4.74	-8.6	4.9	

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Site:	Plucky 14 Fed Com	MD Reference:	KB = 25' @ 3389.0usft (HP 642)
Well:	#502H	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)	
4,785.0	0.70	184.40	4,759.8	-199.4	307.4	0.07	0.05	3.67	-10.1	6.0	
4,974.0	1.00	156.60	4,948.6	-202.1	308.0	0.27	0.16	-14.71	-14.4	0.0	
5,163.0	0.90	163.20	5,137.5	-205.0	309.1	0.08	-0.05	3.49	-17.4	1.9	
5,351.0	1.20	174.30	5,325.5	-208.4	309.7	0.19	0.16	5.90	-20.1	5.5	
5,540.0	1.20	275.50	5,514.5	-210.1	307.9	0.98	0.00	53.54	7.7	20.6	
5,729.0	1.00	258.20	5,703.4	-210.3	304.4	0.20	-0.11	-9.15	-2.3	21.4	
5,918.0	0.70	311.60	5,892.4	-209.9	301.9	0.43	-0.16	28.25	13.6	15.9	
6,106.0	1.60	275.10	6,080.4	-208.9	298.4	0.59	0.48	-19.41	-2.1	20.3	
6,294.0	1.30	3.20	6,268.3	-206.5	295.9	1.08	-0.16	46.86	18.0	5.4	
6,483.0	0.10	300.50	6,457.3	-204.3	295.9	0.67	-0.63	-33.17	2.3	16.5	
6,672.0	0.70	230.00	6,646.3	-204.9	294.9	0.38	0.32	-37.30	-16.0	7.5	
6,742.0	0.80	280.20	6,716.3	-205.1	294.1	0.92	0.14	71.71	-5.2	17.4	
6,891.0	1.60	325.70	6,865.3	-203.2	291.9	0.80	0.54	30.54	6.0	16.7	
6,938.0	9.40	342.10	6,912.0	-199.0	290.3	16.76	16.60	34.89	5.9	14.5	
6,985.0	15.90	350.40	6,957.9	-189.0	288.0	14.33	13.83	17.66	-2.2	14.0	
7,033.0	23.30	356.40	7,003.1	-173.0	286.4	15.96	15.42	12.50	-14.2	15.4	
7,080.0	26.40	355.40	7,045.7	-153.3	284.9	6.66	6.60	-2.13	-27.9	15.5	
7,127.0	28.80	353.50	7,087.4	-131.7	282.8	5.44	5.11	-4.04	-39.4	15.3	
7,174.0	32.20	351.40	7,127.8	-108.0	279.7	7.58	7.23	-4.47	-48.4	15.8	
7,222.0	34.80	355.20	7,167.9	-81.7	276.6	6.96	5.42	7.92	-53.3	21.2	
7,269.0	38.10	0.80	7,205.7	-53.8	275.7	9.96	7.02	11.91	-54.3	26.1	
7,316.0	42.20	4.80	7,241.6	-23.6	277.2	10.30	8.72	8.51	-53.9	26.9	
7,363.0	47.60	3.00	7,274.9	9.5	279.4	11.80	11.49	-3.83	-54.1	22.8	
7,410.0	52.80	359.50	7,305.0	45.6	280.2	12.45	11.06	-7.45	-53.6	19.4	
7,452.4	55.86	356.69	7,329.7	80.0	279.0	9.01	7.23	-6.62	-51.4	18.9	
HL Crossing, MD:7452.4', TVD:7329.7', N/S:80.0', E/W:279.0', INC:55.86											
7,457.0	56.20	356.40	7,332.3	83.8	278.8	9.01	7.31	-6.35	-51.1	19.0	

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 Project: Eddy County, NM (NAD 83 NME)
 Site: Plucky 14 Fed Com
 Well: #502H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #502H
 TVD Reference: KB = 25' @ 3389.0usft (HP 642)
 MD Reference: KB = 25' @ 3389.0usft (HP 642)
 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)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,505.0	61.20	355.70	7,357.2	124.7	276.0	10.49	10.42	-1.46	-46.2	21.5
7,552.0	65.90	358.00	7,378.1	166.7	273.7	10.92	10.00	4.89	-39.8	24.2
7,599.0	69.10	359.80	7,398.1	210.1	272.8	7.67	6.81	3.83	-31.8	25.0
7,646.0	71.80	2.10	7,411.8	254.4	273.8	7.37	5.74	4.89	-21.4	23.9
7,694.0	75.60	4.00	7,425.3	300.4	276.0	8.78	7.92	3.86	-9.3	20.6
7,741.0	81.10	5.90	7,434.8	346.2	280.0	12.35	11.70	4.04	-0.6	15.9
7,788.0	85.50	6.20	7,440.3	392.6	284.9	9.38	9.36	0.64	4.3	10.3
7,835.0	90.70	3.80	7,441.8	439.4	289.0	12.18	11.06	-5.11	5.3	5.7
7,869.0	91.30	3.00	7,441.2	473.3	291.0	2.94	1.76	-2.35	4.3	3.3
7,964.0	89.50	359.40	7,440.6	568.3	293.0	4.24	-1.89	-3.79	2.7	0.2
8,058.0	91.30	358.70	7,439.9	662.3	291.5	2.05	1.91	-0.74	1.1	0.6
8,152.0	90.50	359.00	7,438.4	756.2	289.6	0.91	-0.85	0.32	-1.3	1.4
8,245.0	89.10	359.30	7,438.8	849.2	288.2	1.54	-1.51	0.32	-1.9	1.7
8,335.0	89.50	359.00	7,439.9	939.2	286.9	0.56	0.44	-0.33	-1.7	1.9
8,425.0	90.40	358.50	7,439.9	1,029.2	284.9	1.14	1.00	-0.58	-2.5	2.8
8,517.0	89.10	358.40	7,440.3	1,121.2	282.4	1.42	-1.41	-0.11	-3.0	4.2
8,609.0	89.60	357.90	7,441.4	1,213.1	279.4	0.77	0.54	-0.54	-2.8	6.1
8,699.0	90.60	357.40	7,441.2	1,303.0	275.8	1.24	1.11	-0.56	-3.9	8.7
8,790.0	90.50	359.00	7,440.4	1,394.0	272.9	1.76	-0.11	1.76	-5.7	10.5
8,880.0	88.90	359.90	7,440.8	1,484.0	272.0	2.04	-1.78	1.00	-6.1	10.2
8,970.0	89.70	0.70	7,441.9	1,574.0	272.5	1.26	0.89	0.89	-5.9	8.7
9,060.0	88.90	0.30	7,443.0	1,663.9	273.3	0.99	-0.89	-0.44	-5.7	6.8
9,154.0	88.40	359.40	7,445.2	1,757.9	273.0	1.10	-0.53	-0.96	-4.4	6.0
9,249.0	89.10	358.60	7,447.3	1,852.9	271.4	1.12	0.74	-0.84	-3.3	6.5
9,344.0	89.90	357.30	7,448.1	1,947.8	268.0	1.61	0.84	-1.37	-3.4	8.8
9,439.0	91.40	356.50	7,447.1	2,042.7	262.9	1.79	1.58	-0.84	-5.4	12.8
9,533.0	90.10	357.20	7,445.8	2,136.5	257.7	1.57	-1.38	0.74	-7.6	16.8

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Site: Plucky 14 Fed Com			MD Reference: KB = 25' @ 3389.0usft (HP 642)		
Well: #502H			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)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
9,628.0	89.50	359.30	7,446.2	2,231.5	254.8	2.30	-0.63	2.21	-8.2	18.6	
9,722.0	89.80	359.60	7,446.7	2,325.4	253.9	0.45	0.32	0.32	-8.5	18.4	
9,815.0	91.20	0.00	7,445.9	2,418.4	253.6	1.57	1.51	0.43	-10.3	17.6	
9,909.0	93.80	0.00	7,441.8	2,512.3	253.6	2.77	2.77	0.00	-15.3	16.5	
10,003.0	92.70	0.80	7,436.5	2,606.2	254.2	1.45	-1.17	0.85	-21.6	14.7	
10,096.0	90.20	1.20	7,434.2	2,699.1	255.8	2.72	-2.69	0.43	-24.9	12.0	
10,191.0	90.90	1.00	7,433.2	2,794.1	257.7	0.77	0.74	-0.21	-26.8	9.1	
10,285.0	89.90	0.60	7,432.6	2,888.1	259.0	1.15	-1.06	-0.43	-28.4	6.6	
10,379.0	87.80	0.30	7,434.5	2,982.1	259.7	2.26	-2.23	-0.32	-27.4	4.8	
10,473.0	89.00	0.10	7,437.1	3,076.0	260.0	1.29	1.28	-0.21	-25.6	3.3	
10,567.0	88.10	359.50	7,439.5	3,170.0	259.7	1.15	-0.96	-0.64	-23.9	2.5	
10,661.0	89.80	359.10	7,441.2	3,264.0	258.6	1.86	1.81	-0.43	-23.0	2.6	
10,754.0	88.60	359.20	7,442.5	3,357.0	257.2	1.29	-1.29	0.11	-22.4	2.9	
10,849.0	89.70	359.30	7,443.9	3,451.9	255.9	1.16	1.16	0.11	-21.8	3.0	
10,944.0	92.20	359.10	7,442.3	3,546.9	254.6	2.64	2.63	-0.21	-24.1	3.2	
11,038.0	91.50	358.50	7,439.3	3,640.8	252.6	0.98	-0.74	-0.64	-27.9	4.0	
11,155.0	91.20	0.10	7,436.5	3,757.8	251.2	1.39	-0.26	1.37	-31.6	4.1	
11,249.0	88.10	0.20	7,437.1	3,851.8	251.5	3.30	-3.30	0.11	-31.8	2.7	
11,344.0	88.90	359.50	7,439.6	3,946.7	251.2	1.12	0.84	-0.74	-30.0	1.8	
11,438.0	90.60	359.60	7,440.0	4,040.7	250.5	1.81	1.81	0.11	-30.4	1.5	
11,533.0	90.50	358.70	7,439.1	4,135.7	249.1	0.95	-0.11	-0.95	-32.0	1.7	
11,627.0	88.00	357.00	7,440.3	4,229.8	245.5	3.22	-2.66	-1.81	-31.6	4.1	
11,720.0	89.60	356.60	7,442.3	4,322.5	240.4	1.77	1.72	-0.43	-30.4	8.2	
11,815.0	91.80	356.70	7,441.1	4,417.3	234.8	2.32	2.32	0.11	-32.3	12.7	
11,909.0	91.30	357.20	7,438.6	4,511.1	229.8	0.75	-0.53	0.53	-35.6	16.5	
12,003.0	88.70	358.60	7,438.6	4,605.0	226.4	3.14	-2.77	1.49	-36.2	18.2	
12,098.0	88.50	359.50	7,440.9	4,700.0	224.8	0.97	-0.21	0.95	-34.5	18.1	

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

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12,192.0	90.30	359.20	7,441.9	4,794.0	223.7	1.94	1.91	-0.32	-34.1	17.5	
12,286.0	89.30	358.80	7,442.2	4,888.0	222.1	1.15	-1.06	-0.43	-34.4	17.4	
12,381.0	88.00	358.50	7,444.4	4,982.9	219.8	1.40	-1.37	-0.32	-32.8	17.9	
12,475.0	90.00	357.10	7,446.1	5,076.8	216.2	2.60	2.13	-1.49	-31.8	19.8	
12,569.0	89.70	359.30	7,446.3	5,170.8	213.3	2.36	-0.32	2.34	-32.2	21.1	
12,663.0	88.60	1.40	7,447.7	5,264.8	213.9	2.52	-1.17	2.23	-31.4	18.8	
12,757.0	89.10	1.50	7,449.6	5,358.7	216.2	0.54	0.53	0.11	-30.2	14.7	
12,851.0	91.50	1.00	7,449.1	5,452.7	218.3	2.61	2.55	-0.53	-31.3	11.0	
12,945.0	90.90	359.60	7,447.2	5,546.7	218.8	1.62	-0.64	-1.49	-33.9	8.8	
13,040.0	88.40	358.10	7,447.7	5,641.6	216.9	3.07	-2.63	-1.58	-33.9	9.0	
13,134.0	88.60	357.60	7,450.2	5,735.5	213.3	0.57	0.21	-0.53	-32.1	10.8	
13,228.0	88.50	357.50	7,452.6	5,829.4	209.3	0.15	-0.11	-0.11	-30.3	13.1	
13,322.0	89.20	357.20	7,454.5	5,923.3	205.0	0.81	0.74	-0.32	-29.1	15.8	
13,416.0	88.40	358.40	7,456.4	6,017.2	201.4	1.53	-0.85	1.28	-27.7	17.6	
13,510.0	88.40	358.10	7,459.1	6,111.1	198.5	0.32	0.00	-0.32	-25.7	18.4	
13,604.0	89.30	357.30	7,460.9	6,205.0	194.7	1.28	0.96	-0.85	-24.5	20.1	
13,699.0	90.60	356.80	7,461.0	6,299.9	189.8	1.47	1.37	-0.53	-25.0	22.9	
13,794.0	93.60	0.40	7,457.5	6,394.8	187.5	4.93	3.16	3.79	-29.1	23.1	
13,888.0	92.10	0.00	7,452.9	6,488.7	187.8	1.65	-1.60	-0.43	-34.4	20.7	
13,982.0	89.30	2.20	7,451.7	6,582.6	189.7	3.79	-2.98	2.34	-36.2	16.8	
14,076.0	90.20	2.20	7,452.1	6,676.5	193.3	0.96	0.96	0.00	-36.4	11.1	
14,170.0	88.60	0.60	7,453.1	6,770.5	195.6	2.41	-1.70	-1.70	-36.0	6.8	
14,264.0	89.10	358.80	7,455.0	6,864.5	195.1	1.99	0.53	-1.91	-34.8	5.2	
14,358.0	91.60	358.20	7,454.4	6,958.4	192.6	2.74	2.66	-0.64	-35.9	5.5	
14,452.0	90.50	357.70	7,452.7	7,052.4	189.2	1.29	-1.17	-0.53	-38.3	6.8	
14,546.0	89.90	358.00	7,452.4	7,146.3	185.7	0.71	-0.64	0.32	-39.2	8.3	
14,640.0	88.70	0.10	7,453.5	7,240.3	184.2	2.57	-1.28	2.23	-38.7	7.8	

PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3389.0usft (HP 642)
Site:	Phucky 14 Fed Com	MD Reference:	KB = 25' @ 3389.0usft (HP 642)
Well:	#502H	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)	
14,735.0	89.60	0.60	7,454.9	7,335.2	184.7	1.08	0.95	0.53	-37.9		5.1
14,806.8	91.36	359.91	7,454.3	7,407.0	185.1	2.63	2.45	-0.96	-39.0		3.2
HL Crossing, MD:14806.8', TVD:7454.3', N/S:7407.0', E/W:185.1', INC:91.36											
14,829.0	91.90	359.70	7,453.7	7,429.2	185.0	2.63	2.45	-0.96	-39.8		2.7
14,847.0	92.80	359.30	7,453.0	7,447.2	184.8	5.47	5.00	-2.22	-40.6		2.5
Final MWD Survey (MD=14847.0')											
14,907.0	92.80	359.30	7,450.0	7,507.1	184.1	0.00	0.00	0.00	-44.0		1.9
Final Projection to Bit (MD=14907.0')											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
7,452.4	7,329.7	80.0	279.0	HL Crossing, MD:7452.4', TVD:7329.7', N/S:80.0', E/W:279.0', INC:55.86
14,806.8	7,454.3	7,407.0	185.1	HL Crossing, MD:14806.8', TVD:7454.3', N/S:7407.0', E/W:185.1', INC:91.36
14,847.0	7,453.0	7,447.2	184.8	Final MWD Survey (MD=14847.0')
14,907.0	7,450.0	7,507.1	184.1	Final Projection to Bit (MD=14907.0')

Checked By: _____	Approved By: _____	Date: _____
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Eddy County, NM (NAD 83 NME)

Plucky 14 Fed Com #502H

HP 642

Plan #2

PROJECT DETAILS: Eddy County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Eipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #502H

KB = 25' @ 3389.0ust (HP 642)
Northing 376775.00 Easting 584968.00 Latitude 32° 2' 8.921 N Longitude 104° 15' 25.464 W



Adjustments to Grid North
True North 4.94°
Magnetic North 7.51°
Magnetic Field
Strength: 477.6 Gauss
Dip Angle: 63.74°
Date: 01/12/2017
Model: KAP2016

To convert a Magnetic Direction to a Grid Direction, Add 7.51°
To convert a Magnetic Direction to a True Direction, Add 7.26° East
To convert a True Direction to a Grid Direction, Subtract 0.04°

SECTION DETAILS

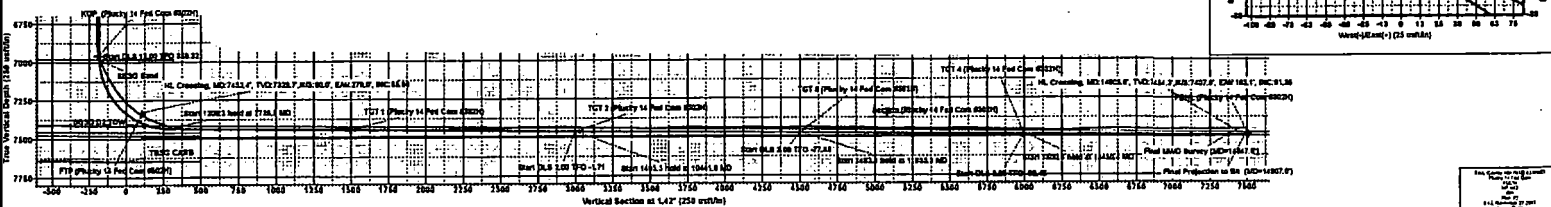
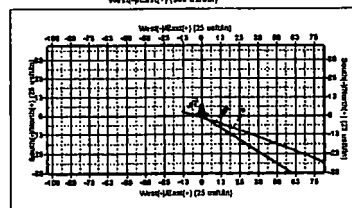
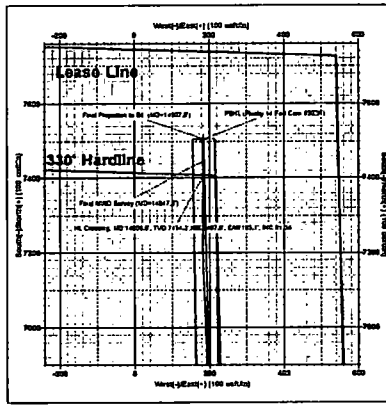
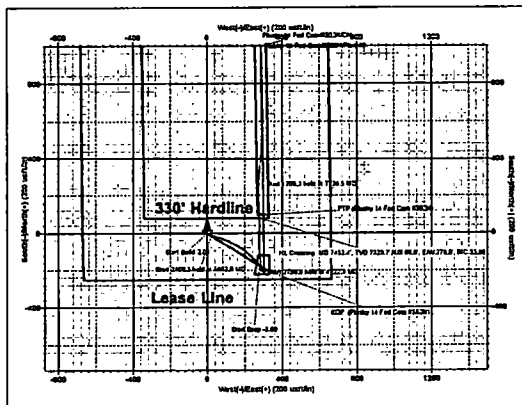
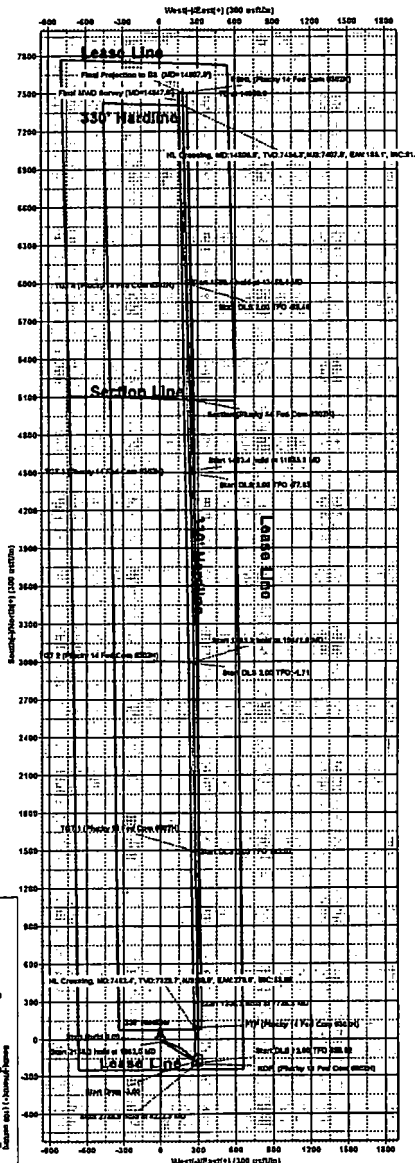
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	V/Sect
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	1262.0	0.00	0.00	1262.0	0.0	0.0	0.00	0.00	0.0
3	1662.0	8.00	122.00	1660.7	-14.8	23.6	2.00	122.00	-14.2
4	3822.3	8.00	122.00	3800.0	-174.1	278.6	0.00	0.00	-167.1
5	4222.3	0.00	0.00	4198.7	-188.9	302.3	2.00	180.00	-181.3
6	6981.2	0.00	0.00	6957.6	-188.9	302.3	0.00	0.00	-181.3
7	7726.5	89.43	359.32	7435.0	283.8	296.6	12.00	359.32	291.1
8	8934.8	89.43	359.32	7447.0	1492.0	282.2	0.00	0.00	1498.5
9	10435.8	89.42	359.32	7462.0	2992.8	264.4	0.00	143.07	2998.4
10	10441.8	89.54	359.32	7462.1	2998.8	264.3	2.00	-1.71	3004.4
11	11937.1	89.54	359.32	7474.0	4494.0	246.6	0.00	0.00	4498.7
12	11955.3	89.62	358.96	7474.1	4512.2	246.3	2.00	-77.85	4516.9
13	13438.7	89.62	358.96	7484.0	5995.3	219.5	0.00	0.00	5998.9
14	13450.4	89.62	358.73	7484.1	6007.0	219.2	2.00	-85.46	6010.6
15	14950.8	89.62	358.73	7494.0	7507.0	186.0	0.00	0.00	7509.3

CASING DETAILS

No casing data is available

WELLBORE TAYREY DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
TOT 1 (Plucky 14 Fed Com #502H)	7447.0	1492.0	282.2	378287.00	585250.19
TOT 2 (Plucky 14 Fed Com #502H)	7462.0	2992.8	264.4	379747.80	585232.38
TOT 3 (Plucky 14 Fed Com #502H)	7474.0	4494.0	246.6	381285.00	585314.65
TOT 4 (Plucky 14 Fed Com #502H)	7484.0	5995.3	219.5	382770.30	585187.47
PSBL (Plucky 14 Fed Com #502H)	7484.0	7507.0	186.0	384282.00	585194.00
FTF (Plucky 14 Fed Com #502H)	7335.0	100.0	299.9	376873.00	585267.00
KOP (Plucky 14 Fed Com #502H)	6357.5	-185.9	302.5	376578.12	585270.83
Section (Plucky 14 Fed Com #502H)	7350.0	5080.1	233.6	381935.04	585207.53



File Name: C:\Users\jg\Documents\Plucky 14 Fed Com #502H.dwg
Date: 01/12/2017
Time: 10:00 AM