



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Date 14 State Com

#506H

OH

Design: OH

Final PVA Report

01 November, 2019



Lea County, NM (NAD 83 NME)

Date 14 State Com #506H

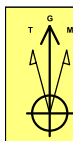
Plan #1

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: #506H

KB = 25 @ 3836.0usft
Northing 536961.00 Easting 783380.00 Latitude 32° 28' 25.399 N Longitude 103° 32' 54.489 W



Azimuths to Grid North
True North: -0.42°
Magnetic North: 6.30°

Magnetic Field
Strength: 47855.4nT
Dip Angle: 60.26°
Date: 9/10/2019
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.30°
To convert a Magnetic Direction to a True Direction, Add 6.72° East
To convert a True Direction to a Grid Direction, Subtract 0.42°

SECTION DETAILS

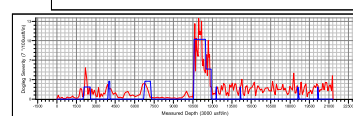
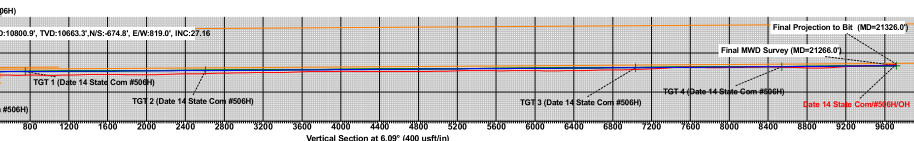
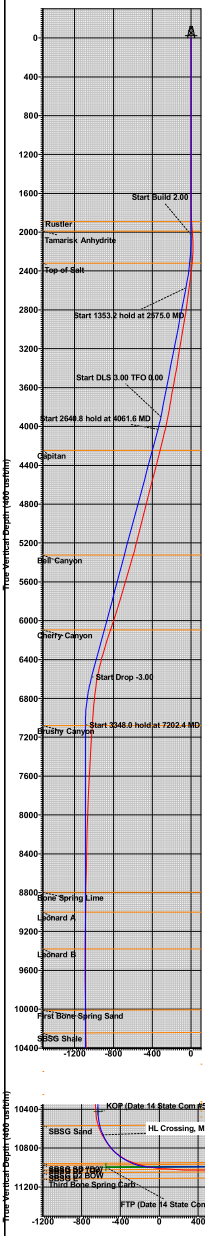
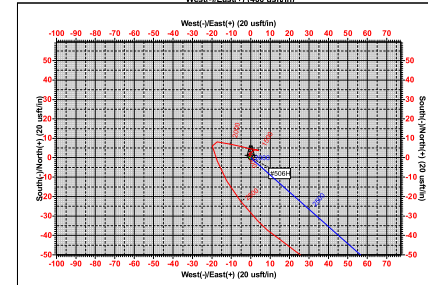
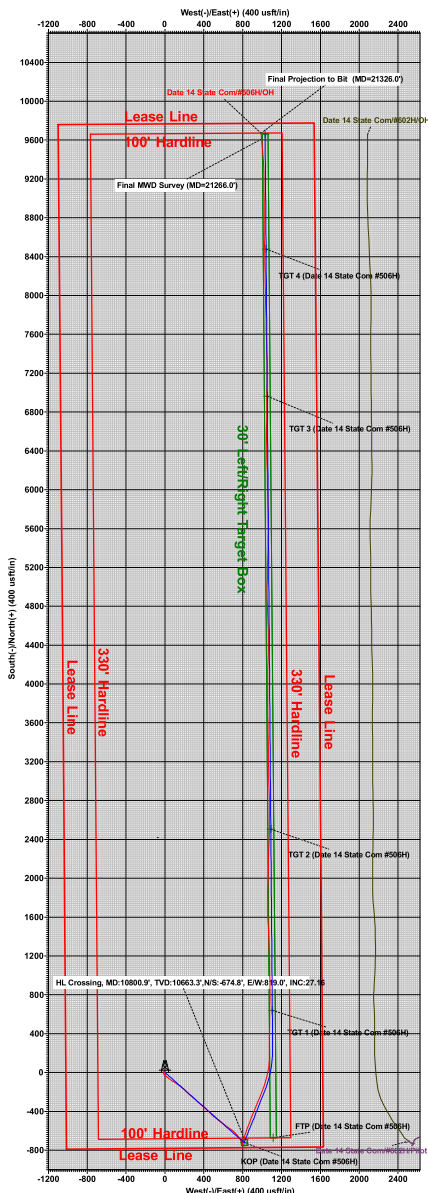
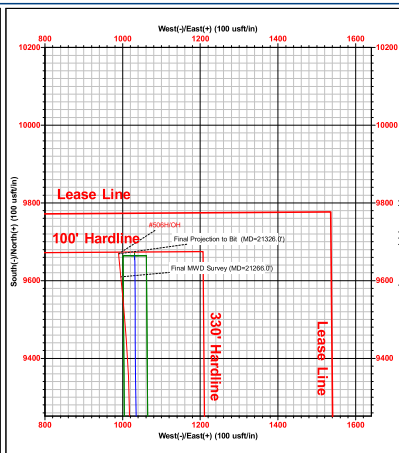
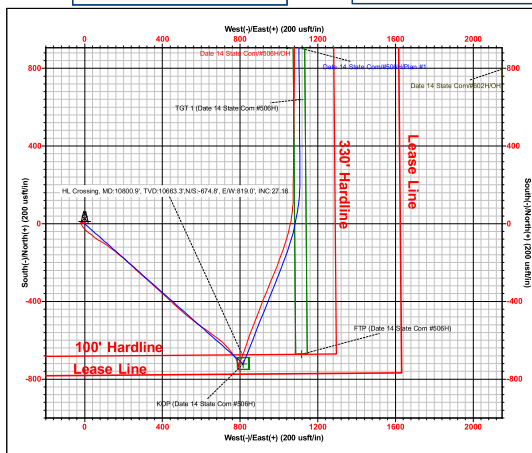
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	2025.0	0.00	0.00	2025.0	0.0	0.0	0.00	0.00	0.0
3	2575.0	11.00	131.51	2571.6	-34.9	39.4	2.00	131.51	-30.5
4	3928.2	11.00	131.51	3900.0	-206.0	232.8	0.00	0.00	-180.2
5	4061.6	15.00	131.51	4029.9	-225.9	255.2	3.00	0.00	-197.5
6	6702.3	15.00	131.51	6580.7	-678.9	767.1	0.00	0.00	-593.7
7	7202.4	0.00	0.00	7075.0	-722.0	815.8	3.00	180.00	-631.4
8	10550.4	0.00	0.00	10423.0	-722.0	815.8	0.00	0.00	-631.4
9	11453.8	90.34	21.62	10995.9	-186.2	1028.2	10.00	21.62	-76.1
10	11895.6	90.34	359.53	10993.3	245.4	1108.7	5.00	-89.94	361.7
11	12289.7	90.34	359.53	10991.0	639.5	1105.5	0.00	0.00	753.2
12	12291.1	90.31	359.53	10991.0	640.9	1105.5	2.00	-176.35	754.6
13	14155.9	90.31	359.53	10981.0	2505.6	1090.1	0.00	0.00	2607.1
14	14159.8	90.39	359.53	10981.0	2509.5	1090.1	2.00	-0.01	2611.0
15	18613.1	90.39	359.53	10951.0	6962.6	1053.4	0.00	0.00	7035.1
16	18613.5	90.38	359.53	10951.0	6963.0	1053.4	2.00	180.00	7035.1
17	20130.0	90.38	359.53	10941.0	8479.4	1040.9	0.00	0.00	8542.0
18	20137.7	90.53	359.53	10940.9	8487.1	1040.8	2.00	0.32	8549.7
19	21314.7	90.53	359.53	10930.0	9664.0	1031.1	0.00	0.00	9718.9

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Date 14 State Com #506H)	10423.0	-722.0	815.8	536239.00	784195.80
PBH (Date 14 State Com #506H)	10930.0	9664.0	1031.1	546625.00	784411.10
TGT 4 (Date 14 State Com #506H)	10941.0	8479.4	1040.9	545440.40	784420.85
TGT 3 (Date 14 State Com #506H)	10951.0	6962.6	1053.4	543923.60	784433.36
TGT 2 (Date 14 State Com #506H)	10981.0	2505.6	1090.1	539466.60	784470.11
TGT 1 (Date 14 State Com #506H)	10991.0	639.5	1105.5	537600.50	784485.50
FTP (Date 14 State Com #506H)	10996.0	-672.0	1116.0	536289.00	784496.00



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