

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date NW 09/17/2021
⁴ API Number 30 - 025-47170	⁵ Pool Name RED HILLS; BONE SPRING, NORTH	⁶ Pool Code 96434
⁷ Property Code 327233	⁸ Property Name YUKON 20 FED COM	⁹ Well Number 303H

II. ¹⁰ Surface Location

UI or lot no. B	Section 20	Township 24S	Range 34E	Lot Idn	Feet from the 495'	North/South Line NORTH	Feet from the 2243'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. P	Section 29	Township 24S	Range 34E	Lot Idn	Feet from the 109'	North/South line SOUTH	Feet from the 642'	East/West line EAST	County LEA
¹² Lse Code F	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date 09/17/2021	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 02/18/2021	²² Ready Date 09/17/2021	²³ TD 20,608'	²⁴ PBTD 20,586'	²⁵ Perforations 10,503 - 20,586'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
16"		13 3/8"		1339'	
12 1/4"		9 5/8"		5363'	
8 1/2"		5 1/2"		2745 SXS CL H TOC 300' CBL	

V. Well Test Data

³¹ Date New Oil 09/17/2021	³² Gas Delivery Date 09/17/2021	³³ Test Date 09/27/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 686
³⁷ Choke Size 66	³⁸ Oil 1845	³⁹ Water 7197	⁴⁰ Gas 2679		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox			OIL CONSERVATION DIVISION		
Printed name: Kay Maddox			Approved by: PATRICIA MARTINEZ		
Title: SENIOR REGULATORY SPECIALIST			Title: PETROLEUM SPECIALIST		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 10/27/2021		
Date: 09/29/2021		Phone: 432-638-8475			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47170	² Pool Code 96434	³ Pool Name RED HILLS; BONE SPRING, NORTH
⁴ Property Code 327233	⁵ Property Name YUKON 20 FED COM	⁶ Well Number 303H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3535'

¹⁰Surface Location

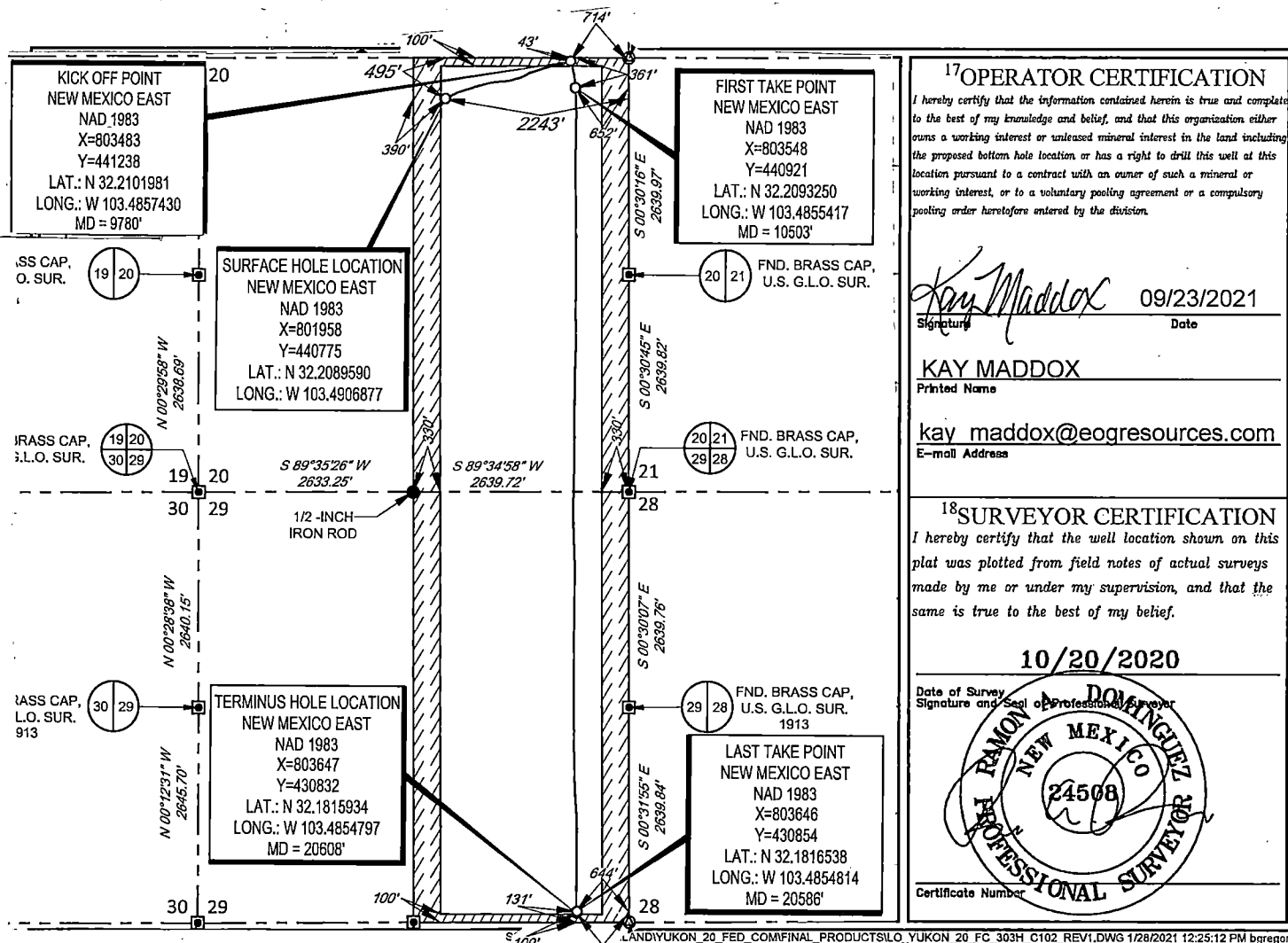
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	24-S	34-E	-	495'	NORTH	2243'	EAST	LEA

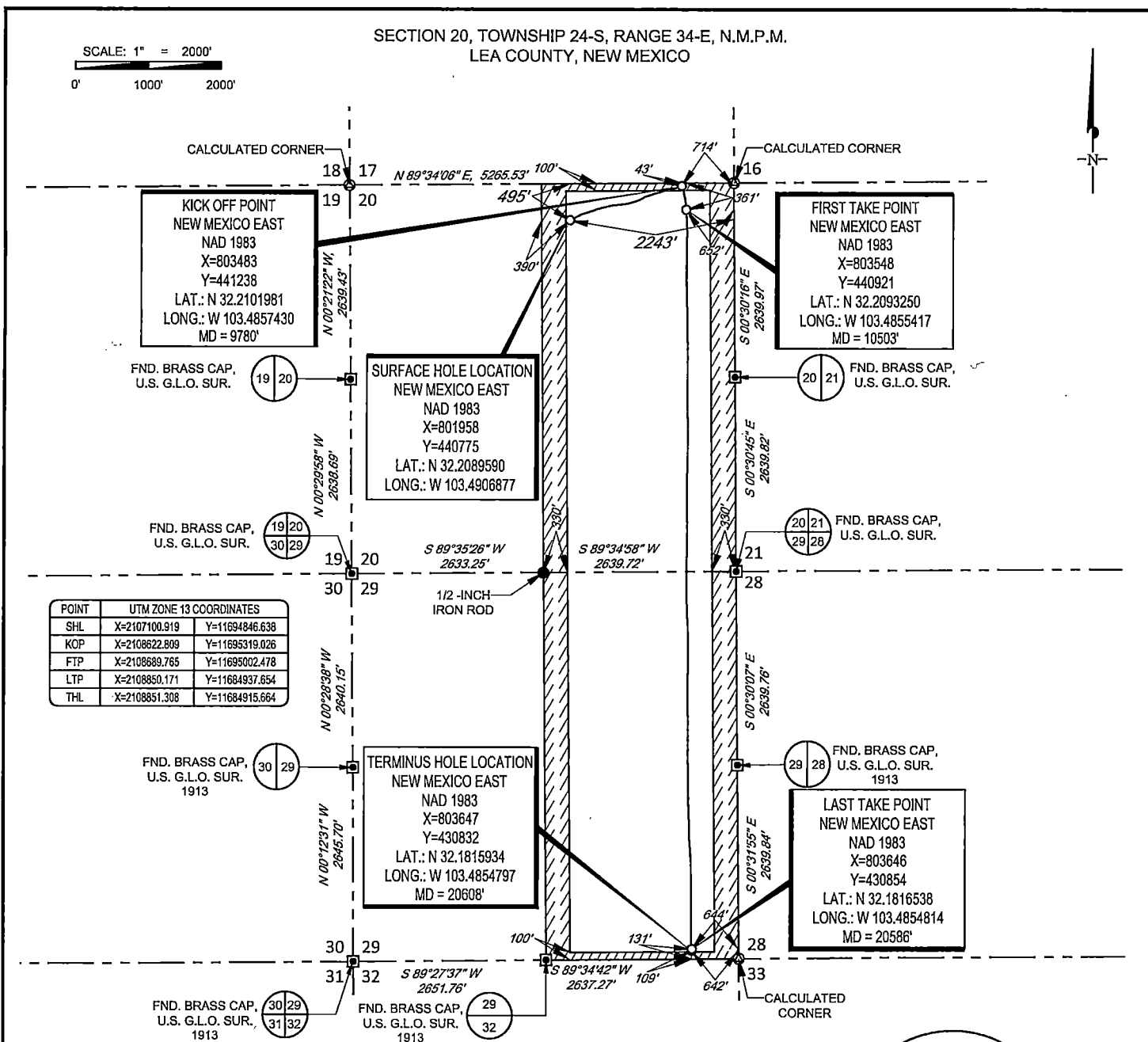
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	24-S	34-E	-	109'	SOUTH	642'	EAST	LEA

¹² Dedicated Acres 640.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





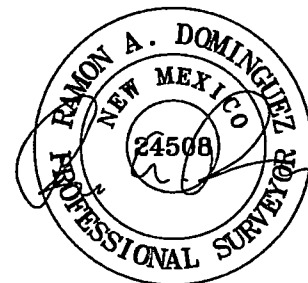
LEASE NAME & WELL NO.: YUKON 20 FED COM 303H
SECTION 20 TWP 24-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3535'
DESCRIPTION 495' FNL & 2243' FEL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

eo resources, Inc.



Ramon A. Dominguez, P.S. No. 24508
September 1, 2021

YUKON 20 FED COM 303H AS-COMplete	REVISION:	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 COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
		3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
		4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.
DATE: 09/01/2021		
FILE: AD_YUKON_20_FED_COM_303H		
DRAWN BY: IMU		
SHEET: 1 OF 1		

Z:\SURVEY\EOG_MIDLAND\YUKON_20_FED_COM\FINAL_PRODUCTS\AD_YUKON_20_FED_COM_303H.DWG 9/7/2021 9:06:29 AM echos



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Yukon 20 Fed Com

#303H

OH

Design: OH

Midland PVA

20 April, 2021



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #303H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3561.0usft
Site:	Yukon 20 Fed Com	MD Reference:	KB = 26' @ 3561.0usft
Well:	#303H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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	Yukon 20 Fed Com		
Site Position:		Northing:	440,613.00 usft
From:	Map	Easting:	802,407.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 12' 30.615 N
		Longitude:	103° 29' 21.259 W
		Grid Convergence:	0.45 °

Well		#303H				
Well Position	+N/-S	0.0 usft	Northing:	440,775.00 usft	Latitude:	32° 12' 32.253 N
	+E/-W	0.0 usft	Easting:	801,958.00 usft	Longitude:	103° 29' 26.470 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,535.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/23/2021	6.54	59.91	47,524.28923577

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	170.51

Survey Program	Date	4/20/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
198.0	20,608.0	Driltech MWD (OH)	EOG MWD+IFR1	MWD + IFR1



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Well: #303H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #303H
TVD Reference: KB = 26' @ 3561.0usft
MD Reference: KB = 26' @ 3561.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	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	
198.0	0.53	52.97	198.0	0.6	0.7	0.27	0.27	0.00	-0.9	0.0	
283.0	0.53	73.72	283.0	0.9	1.4	0.22	0.00	24.41	-1.6	0.5	
457.0	0.62	125.75	457.0	0.6	3.0	0.29	0.05	29.90	-2.1	2.2	
637.0	0.44	139.37	637.0	-0.5	4.2	0.12	-0.10	7.57	-3.1	2.8	
731.0	0.26	197.20	731.0	-1.0	4.4	0.40	-0.19	61.52	0.3	4.5	
825.0	0.18	230.25	825.0	-1.3	4.2	0.16	-0.09	35.16	2.4	3.7	
919.0	0.44	269.89	919.0	-1.4	3.7	0.34	0.28	42.17	3.7	1.4	
1,014.0	0.79	279.12	1,014.0	-1.3	2.7	0.38	0.37	9.72	2.9	0.8	
1,108.0	0.88	278.15	1,108.0	-1.1	1.4	0.10	0.10	-1.03	1.5	0.9	
1,202.0	0.97	283.69	1,201.9	-0.8	-0.1	0.13	0.10	5.89	0.1	0.8	
1,279.0	1.06	282.46	1,278.9	-0.5	-1.5	0.12	0.12	-1.60	-1.3	0.8	
1,408.0	0.97	335.08	1,407.9	0.8	-3.1	0.70	-0.07	40.79	-2.0	2.5	
1,503.0	0.18	1.80	1,502.9	1.6	-3.4	0.86	-0.83	28.13	-0.7	6.1	
1,597.0	2.11	154.12	1,596.9	0.2	-2.7	2.42	2.05	162.04	3.1	-12.2	
1,692.0	3.34	142.51	1,691.8	-3.5	-0.2	1.41	1.29	-12.22	5.5	-22.9	
1,786.0	4.04	116.06	1,785.6	-7.2	4.4	1.94	0.74	-28.14	21.6	-30.3	
1,880.0	3.69	84.33	1,879.4	-8.3	10.4	2.27	-0.37	-33.76	48.1	-20.1	
1,975.0	3.78	38.36	1,974.2	-5.6	15.4	3.07	0.09	-48.39	59.7	29.9	
2,069.0	6.33	49.97	2,067.8	0.2	21.3	2.91	2.71	12.35	75.0	26.2	
2,163.0	8.53	54.98	2,161.0	7.5	31.0	2.44	2.34	5.33	84.3	26.6	
2,257.0	10.99	54.10	2,253.7	16.8	43.9	2.62	2.62	-0.94	87.2	34.5	
2,351.0	12.84	57.52	2,345.6	27.7	60.0	2.11	1.97	3.64	89.3	35.6	
2,446.0	13.19	59.98	2,438.2	38.7	78.3	0.69	0.37	2.59	89.2	37.2	
2,540.0	14.07	63.68	2,529.6	49.2	97.8	1.32	0.94	3.94	89.3	35.7	
2,728.0	14.16	65.08	2,711.9	69.0	139.2	0.19	0.05	0.74	84.3	40.3	
2,822.0	14.60	68.33	2,802.9	78.2	160.6	0.98	0.47	3.46	83.3	38.2	



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Yukon 20 Fed Com
Well: #303H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #303H
TVD Reference: KB = 26' @ 3561.0usft
MD Reference: KB = 26' @ 3561.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,916.0	14.95	70.09	2,893.8	86.7	183.0	0.61	0.37	1.87	80.6	37.4
3,010.0	14.60	70.36	2,984.7	94.8	205.6	0.38	-0.37	0.29	77.0	38.3
3,104.0	14.86	71.85	3,075.6	102.6	228.2	0.49	0.28	1.59	74.3	37.3
3,198.0	14.68	72.38	3,166.5	109.9	251.0	0.24	-0.19	0.56	70.9	37.3
3,293.0	14.42	72.29	3,258.5	117.2	273.7	0.27	-0.27	-0.09	67.4	37.9
3,387.0	14.07	72.38	3,349.6	124.2	295.8	0.37	-0.37	0.10	64.6	38.3
3,481.0	13.72	72.64	3,440.8	131.0	317.3	0.38	-0.37	0.28	62.5	38.5
3,575.0	14.42	72.99	3,532.0	137.7	339.1	0.75	0.74	0.37	60.1	38.5
3,669.0	15.04	73.61	3,622.9	144.6	362.0	0.68	0.66	0.66	56.8	38.0
3,857.0	12.75	72.55	3,805.4	157.7	405.2	1.23	-1.22	-0.56	51.6	39.4
3,952.0	12.49	72.20	3,898.1	164.0	425.0	0.29	-0.27	-0.37	51.1	40.3
4,045.0	12.84	75.45	3,988.9	169.7	444.6	0.85	0.38	3.49	53.0	37.4
4,139.0	13.28	76.24	4,080.4	174.8	465.2	0.51	0.47	0.84	52.6	35.9
4,234.0	14.16	76.42	4,172.7	180.2	487.1	0.93	0.93	0.19	50.6	34.9
4,328.0	13.28	76.07	4,264.0	185.5	508.7	0.94	-0.94	-0.37	48.4	34.3
4,423.0	13.28	75.98	4,356.5	190.7	529.9	0.02	0.00	-0.09	47.0	33.5
4,517.0	14.33	79.76	4,447.8	195.4	551.8	1.47	1.12	4.02	46.9	29.1
4,611.0	14.16	81.96	4,538.9	199.1	574.7	0.60	-0.18	2.34	44.9	24.8
4,705.0	13.10	83.28	4,630.2	202.0	596.6	1.18	-1.13	1.40	43.3	20.7
4,799.0	12.05	84.24	4,722.0	204.2	617.0	1.14	-1.12	1.02	43.2	16.5
4,894.0	12.49	84.77	4,814.8	206.1	637.1	0.48	0.46	0.56	43.3	12.3
4,988.0	14.42	82.92	4,906.2	208.5	658.8	2.10	2.05	-1.97	41.1	10.1
5,083.0	14.42	86.09	4,998.2	210.8	682.3	0.83	0.00	3.34	37.9	4.1
5,177.0	12.84	84.51	5,089.6	212.5	704.4	1.73	-1.68	-1.68	35.6	1.1
5,305.0	10.73	83.45	5,214.9	215.3	730.4	1.66	-1.65	-0.83	36.8	-3.2
5,456.0	9.32	82.31	5,363.6	218.5	756.5	0.94	-0.93	-0.75	43.0	-7.6
5,551.0	12.31	79.94	5,456.9	221.3	774.1	3.18	3.15	-2.49	46.0	-8.4



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #303H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3561.0usft
Site:	Yukon 20 Fed Com	MD Reference:	KB = 26' @ 3561.0usft
Well:	#303H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
5,645.0	14.86	76.33	5,548.2	225.9	795.7	2.86	2.71	-3.84	44.6	-7.1	
5,739.0	15.30	74.83	5,639.0	232.0	819.4	0.63	0.47	-1.60	40.6	-6.6	
5,834.0	15.12	73.60	5,730.7	238.8	843.3	0.39	-0.19	-1.29	36.2	-6.0	
5,928.0	14.51	72.10	5,821.6	245.9	866.3	0.77	-0.65	-1.60	32.5	-4.7	
6,022.0	14.60	70.96	5,912.5	253.3	888.7	0.32	0.10	-1.21	29.2	-3.3	
6,116.0	14.60	70.26	6,003.5	261.2	911.1	0.19	0.00	-0.74	25.8	-1.9	
6,211.0	14.16	67.97	6,095.5	269.6	933.1	0.76	-0.46	-2.41	22.6	0.7	
6,306.0	13.98	64.99	6,187.7	278.8	954.3	0.79	-0.19	-3.14	19.7	4.4	
6,400.0	13.63	61.29	6,279.0	288.9	974.3	1.01	-0.37	-3.94	16.8	9.3	
6,494.0	15.39	61.91	6,370.0	300.1	995.0	1.88	1.87	0.66	13.2	13.4	
6,588.0	14.86	62.96	6,460.7	311.5	1,016.7	0.63	-0.56	1.12	8.8	17.2	
6,683.0	15.04	69.56	6,552.5	321.3	1,039.1	1.80	0.19	6.95	6.6	19.1	
6,777.0	15.48	72.02	6,643.2	329.5	1,062.5	0.83	0.47	2.62	2.9	19.9	
6,871.0	15.83	70.00	6,733.7	337.7	1,086.5	0.69	0.37	-2.15	-3.0	20.9	
6,966.0	15.56	69.56	6,825.2	346.6	1,110.6	0.31	-0.28	-0.46	-8.5	22.3	
7,060.0	15.39	73.69	6,915.8	354.5	1,134.4	1.19	-0.18	4.39	-11.8	23.8	
7,154.0	14.07	72.90	7,006.7	361.4	1,157.3	1.42	-1.40	-0.84	-15.8	23.8	
7,249.0	13.37	71.75	7,098.9	368.2	1,178.8	0.79	-0.74	-1.21	-18.3	24.0	
7,343.0	12.93	74.13	7,190.5	374.5	1,199.2	0.74	-0.47	2.53	-18.4	25.0	
7,437.0	12.66	73.95	7,282.2	380.2	1,219.2	0.29	-0.29	-0.19	-18.9	24.9	
7,531.0	12.66	73.51	7,373.9	386.0	1,239.0	0.10	0.00	-0.47	-19.4	24.8	
7,626.0	12.75	74.30	7,466.5	391.8	1,259.1	0.21	0.09	0.83	-19.4	25.0	
7,720.0	12.75	75.44	7,558.2	397.2	1,279.1	0.27	0.00	1.21	-19.3	25.0	
7,814.0	12.31	76.32	7,650.0	402.2	1,298.9	0.51	-0.47	0.94	-19.0	24.5	
7,909.0	10.73	74.13	7,743.1	407.0	1,317.2	1.73	-1.66	-2.31	-18.3	23.3	
8,003.0	10.82	71.14	7,835.4	412.2	1,334.0	0.60	0.10	-3.18	-16.7	22.8	
8,097.0	10.90	78.52	7,927.7	416.8	1,351.0	1.48	0.09	7.85	-11.0	24.2	



EOG Resources

Midland PVA

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Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
8,191.0	10.73	81.42	8,020.1	419.9	1,368.4	0.61	-0.18	3.09	-7.1	22.5	
8,285.0	9.32	83.88	8,112.6	422.0	1,384.6	1.57	-1.50	2.62	-2.4	19.6	
8,380.0	8.27	83.79	8,206.5	423.6	1,399.1	1.11	-1.11	-0.09	3.4	16.0	
8,474.0	7.03	84.41	8,299.7	424.9	1,411.5	1.32	-1.32	0.66	11.1	12.3	
8,568.0	5.72	86.61	8,393.1	425.7	1,421.9	1.42	-1.39	2.34	21.1	7.6	
8,663.0	6.51	74.30	8,487.5	427.5	1,431.8	1.61	0.83	-12.96	29.7	10.7	
8,757.0	6.07	68.94	8,581.0	430.7	1,441.6	0.78	-0.47	-5.70	38.7	14.6	
8,851.0	6.24	69.38	8,674.4	434.3	1,451.0	0.19	0.18	0.47	49.2	15.9	
8,945.0	5.89	69.47	8,767.9	437.8	1,460.3	0.37	-0.37	0.10	59.7	17.4	
9,039.0	6.07	76.24	8,861.4	440.6	1,469.6	0.77	0.19	7.20	70.6	10.1	
9,134.0	4.75	71.75	8,956.0	443.1	1,478.3	1.46	-1.39	-4.73	75.2	15.6	
9,228.0	6.07	75.09	9,049.6	445.6	1,486.8	1.44	1.40	3.55	76.8	11.2	
9,322.0	5.10	68.50	9,143.1	448.4	1,495.4	1.24	-1.03	-7.01	70.6	19.8	
9,416.0	4.22	63.14	9,236.8	451.5	1,502.4	1.04	-0.94	-5.70	61.4	26.1	
9,510.0	4.48	65.07	9,330.5	454.6	1,508.8	0.32	0.28	2.05	55.1	24.1	
9,605.0	4.40	65.43	9,425.2	457.7	1,515.5	0.09	-0.08	0.38	47.9	23.8	
9,699.0	3.52	63.40	9,519.0	460.5	1,521.4	0.95	-0.94	-2.16	40.6	25.3	
9,780.0	3.62	61.50	9,599.9	462.8	1,525.8	0.19	0.13	-2.35	34.7	26.6	
KOP, MD:9780.0', TVD:9599.9',N/S:462.8', E/W:1525.8', INC:3.62											
9,832.0	3.69	60.33	9,651.8	464.4	1,528.7	0.19	0.13	-2.24	30.8	27.3	
9,949.0	3.61	158.06	9,768.6	462.8	1,533.4	4.70	-0.07	83.53	24.7	-28.5	
10,043.0	16.62	164.30	9,861.0	447.1	1,538.2	13.87	13.84	6.64	24.4	-25.6	
10,137.0	31.57	167.64	9,946.5	409.9	1,547.1	15.96	15.90	3.55	17.6	-19.4	
10,144.2	31.97	167.42	9,952.6	406.2	1,547.9	5.73	5.49	-3.07	17.0	-18.7	
FTP Crossing, MD:10144.2', TVD:9952.6',N/S:406.2', E/W:1547.9', INC:31.97											
10,231.0	36.76	165.09	10,024.3	358.6	1,559.6	5.73	5.52	-2.68	11.2	-8.1	
10,326.0	49.51	171.33	10,093.5	295.2	1,572.4	14.14	13.42	6.57	4.6	2.5	



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Yukon 20 Fed Com
Well: #303H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #303H
TVD Reference: KB = 26' @ 3561.0usft
MD Reference: KB = 26' @ 3561.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,420.0	58.83	173.18	10,148.5	219.7	1,582.6	10.04	9.91	1.97	-3.7	11.3
10,514.0	66.04	174.50	10,191.9	136.9	1,591.5	7.77	7.67	1.40	-9.9	19.3
10,609.0	75.27	176.96	10,223.4	47.7	1,598.1	10.02	9.72	2.59	-13.7	25.3
10,703.0	82.75	177.22	10,241.3	-44.4	1,602.8	7.96	7.96	0.28	-15.6	29.3
10,797.0	87.93	179.68	10,248.9	-138.1	1,605.4	6.10	5.51	2.62	-13.3	31.0
10,891.0	90.31	181.00	10,250.4	-232.0	1,604.8	2.90	2.53	1.40	-14.2	29.6
10,985.0	90.13	181.09	10,250.0	-326.0	1,603.1	0.21	-0.19	0.10	-16.9	27.1
11,080.0	90.04	180.65	10,249.9	-421.0	1,601.6	0.47	-0.09	-0.46	-19.5	24.8
11,174.0	89.96	180.03	10,249.9	-515.0	1,601.1	0.67	-0.09	-0.66	-21.8	23.4
11,268.0	88.46	180.74	10,251.2	-609.0	1,600.4	1.77	-1.60	0.76	-22.9	21.9
11,362.0	87.85	180.21	10,254.2	-702.9	1,599.7	0.86	-0.65	-0.56	-22.3	20.3
11,456.0	87.58	179.77	10,257.9	-796.9	1,599.7	0.55	-0.29	-0.47	-20.9	19.5
11,551.0	87.49	178.89	10,262.0	-891.8	1,600.8	0.93	-0.09	-0.93	-19.2	19.7
11,645.0	87.32	178.19	10,266.3	-985.6	1,603.2	0.77	-0.18	-0.74	-17.4	21.3
11,739.0	86.79	177.66	10,271.1	-1,079.5	1,606.6	0.80	-0.56	-0.56	-14.9	23.8
11,833.0	89.16	180.65	10,274.4	-1,173.4	1,608.0	4.06	2.52	3.18	-14.1	24.4
11,928.0	89.78	180.38	10,275.3	-1,268.4	1,607.1	0.71	0.65	-0.28	-16.1	22.7
12,022.0	89.43	179.68	10,275.9	-1,362.4	1,607.1	0.83	-0.37	-0.74	-18.2	21.8
12,116.0	88.90	178.80	10,277.3	-1,456.3	1,608.3	1.09	-0.56	-0.94	-19.6	22.2
12,210.0	88.55	178.45	10,279.4	-1,550.3	1,610.6	0.53	-0.37	-0.37	-20.3	23.6
12,305.0	88.20	177.84	10,282.1	-1,645.2	1,613.6	0.74	-0.37	-0.64	-20.5	25.8
12,399.0	88.20	178.45	10,285.1	-1,739.1	1,616.7	0.65	0.00	0.65	-20.3	28.0
12,493.0	87.49	181.44	10,288.6	-1,833.0	1,616.8	3.27	-0.76	3.18	-19.5	27.3
12,588.0	87.23	181.09	10,293.0	-1,927.9	1,614.7	0.46	-0.27	-0.37	-17.9	24.4
12,684.0	87.32	180.03	10,297.5	-2,023.8	1,613.7	1.11	0.09	-1.10	-16.2	22.6
12,778.0	86.70	179.77	10,302.4	-2,117.7	1,613.9	0.72	-0.66	-0.28	-14.1	21.9
12,872.0	86.35	179.07	10,308.1	-2,211.5	1,614.9	0.83	-0.37	-0.74	-11.1	22.0



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #303H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3561.0usft
Site:	Yukon 20 Fed Com	MD Reference:	KB = 26' @ 3561.0usft
Well:	#303H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,967.0	87.93	180.91	10,312.9	-2,306.4	1,614.9	2.55	1.66	1.94	-9.2	21.2
13,061.0	86.88	180.21	10,317.1	-2,400.2	1,614.0	1.34	-1.12	-0.74	-7.7	19.4
13,155.0	85.03	179.77	10,323.8	-2,494.0	1,614.0	2.02	-1.97	-0.47	-3.9	18.6
13,250.0	88.55	178.01	10,329.1	-2,588.8	1,615.8	4.14	3.71	-1.85	-1.4	19.6
13,344.0	89.43	179.68	10,330.7	-2,682.8	1,617.7	2.01	0.94	1.78	-2.5	20.6
13,438.0	89.08	179.07	10,332.0	-2,776.8	1,618.7	0.75	-0.37	-0.65	-4.0	20.8
13,532.0	88.37	178.36	10,334.0	-2,870.7	1,620.8	1.07	-0.76	-0.76	-4.7	22.1
13,627.0	91.28	180.65	10,334.3	-2,965.7	1,621.7	3.90	3.06	2.41	-7.2	22.1
13,721.0	91.45	181.00	10,332.1	-3,059.7	1,620.3	0.41	0.18	0.37	-12.3	19.9
13,815.0	90.66	180.47	10,330.4	-3,153.6	1,619.1	1.01	-0.84	-0.56	-16.8	17.8
13,910.0	88.29	181.18	10,331.2	-3,248.6	1,617.7	2.60	-2.49	0.75	-18.7	15.6
14,004.0	87.58	181.09	10,334.6	-3,342.5	1,615.9	0.76	-0.76	-0.10	-18.1	12.9
14,099.0	88.11	180.82	10,338.2	-3,437.5	1,614.3	0.63	0.56	-0.28	-17.3	10.5
14,193.0	88.55	180.56	10,340.9	-3,531.4	1,613.2	0.54	0.47	-0.28	-17.4	8.5
14,287.0	88.55	180.38	10,343.3	-3,625.4	1,612.4	0.19	0.00	-0.19	-17.8	6.9
14,382.0	87.67	180.47	10,346.4	-3,720.3	1,611.7	0.93	-0.93	0.09	-17.4	5.3
14,476.0	87.93	179.59	10,350.1	-3,814.3	1,611.6	0.98	0.28	-0.94	-16.6	4.4
14,570.0	87.23	179.33	10,354.0	-3,908.2	1,612.5	0.79	-0.74	-0.28	-15.4	4.5
14,664.0	88.55	179.59	10,357.5	-4,002.1	1,613.4	1.43	1.40	0.28	-14.7	4.5
14,759.0	88.55	179.77	10,359.9	-4,097.1	1,613.9	0.19	0.00	0.19	-15.1	4.2
14,853.0	88.20	179.95	10,362.6	-4,191.0	1,614.2	0.42	-0.37	0.19	-15.3	3.6
14,947.0	89.25	180.56	10,364.6	-4,285.0	1,613.7	1.29	1.12	0.65	-15.9	2.4
15,041.0	89.69	180.74	10,365.5	-4,379.0	1,612.7	0.51	0.47	0.19	-17.8	0.4
15,135.0	90.22	180.38	10,365.6	-4,473.0	1,611.8	0.68	0.56	-0.38	-20.6	-1.3
15,228.0	90.57	180.65	10,364.9	-4,566.0	1,610.9	0.48	0.38	0.29	-23.3	-3.0
15,322.0	90.31	180.82	10,364.2	-4,660.0	1,609.7	0.33	-0.28	0.18	-25.4	-5.0
15,416.0	89.87	180.82	10,364.1	-4,754.0	1,608.4	0.47	-0.47	0.00	-26.9	-7.2



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #303H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3561.0usft
Site:	Yukon 20 Fed Com	MD Reference:	KB = 26' @ 3561.0usft
Well:	#303H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
15,511.0	89.69	180.65	10,364.4	-4,848.9	1,607.2	0.26	-0.19	-0.18	-27.9	-9.3
15,605.0	89.08	180.30	10,365.5	-4,942.9	1,606.4	0.75	-0.65	-0.37	-28.3	-10.9
15,699.0	88.64	179.51	10,367.3	-5,036.9	1,606.5	0.96	-0.47	-0.84	-27.8	-11.6
15,794.0	87.67	178.45	10,370.4	-5,131.9	1,608.2	1.51	-1.02	-1.12	-26.1	-10.8
15,888.0	87.41	178.01	10,374.4	-5,225.7	1,611.1	0.54	-0.28	-0.47	-23.4	-8.7
15,982.0	88.11	177.84	10,378.1	-5,319.6	1,614.5	0.77	0.74	-0.18	-21.1	-6.1
16,077.0	85.74	176.43	10,383.2	-5,414.3	1,619.3	2.90	-2.49	-1.48	-17.4	-2.3
16,171.0	88.29	177.57	10,388.1	-5,508.1	1,624.2	2.97	2.71	1.21	-13.9	1.8
16,265.0	92.95	178.80	10,387.1	-5,602.0	1,627.1	5.13	4.96	1.31	-16.3	4.0
16,359.0	89.78	179.59	10,384.8	-5,695.9	1,628.5	3.48	-3.37	0.84	-19.9	4.5
16,453.0	90.13	179.95	10,384.9	-5,789.9	1,628.8	0.53	0.37	0.38	-21.2	4.0
16,548.0	90.40	179.77	10,384.5	-5,884.9	1,629.1	0.34	0.28	-0.19	-23.0	3.4
16,642.0	91.28	180.21	10,383.1	-5,978.9	1,629.1	1.05	0.94	0.47	-25.8	2.6
16,736.0	90.57	180.38	10,381.6	-6,072.9	1,628.6	0.78	-0.76	0.18	-28.6	1.2
16,831.0	89.16	180.91	10,381.8	-6,167.9	1,627.5	1.59	-1.48	0.56	-29.8	-0.7
16,925.0	86.97	181.09	10,385.0	-6,261.8	1,625.9	2.34	-2.33	0.19	-28.0	-3.2
17,019.0	86.79	180.82	10,390.1	-6,355.7	1,624.3	0.34	-0.19	-0.29	-24.3	-5.6
17,114.0	86.61	180.12	10,395.5	-6,450.5	1,623.6	0.76	-0.19	-0.74	-20.2	-7.2
17,208.0	86.00	179.59	10,401.6	-6,544.3	1,623.8	0.86	-0.65	-0.56	-15.5	-7.8
17,302.0	86.70	177.75	10,407.6	-6,638.1	1,626.0	2.09	0.74	-1.96	-10.9	-6.5
17,396.0	93.03	179.33	10,407.8	-6,732.0	1,628.4	6.94	6.73	1.68	-12.0	-4.9
17,491.0	95.32	179.68	10,400.9	-6,826.7	1,629.2	2.44	2.41	0.37	-20.3	-5.0
17,585.0	92.15	180.30	10,394.8	-6,920.5	1,629.2	3.44	-3.37	0.66	-27.8	-5.8
17,679.0	89.78	180.56	10,393.2	-7,014.5	1,628.5	2.54	-2.52	0.28	-30.7	-7.3
17,774.0	87.93	180.03	10,395.1	-7,109.5	1,628.0	2.03	-1.95	-0.56	-30.2	-8.6
17,868.0	87.58	179.33	10,398.8	-7,203.4	1,628.5	0.83	-0.37	-0.74	-27.9	-9.0
17,962.0	87.58	179.33	10,402.7	-7,297.3	1,629.6	0.00	0.00	0.00	-25.6	-8.7



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #303H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3561.0usft
Site:	Yukon 20 Fed Com	MD Reference:	KB = 26' @ 3561.0usft
Well:	#303H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
18,057.0	87.49	179.15	10,406.8	-7,392.2	1,630.9	0.21	-0.09	-0.19	-23.2	-8.3
18,151.0	89.43	179.15	10,409.4	-7,486.2	1,632.3	2.06	2.06	0.00	-22.4	-7.7
18,245.0	90.92	179.59	10,409.1	-7,580.2	1,633.3	1.65	1.59	0.47	-24.4	-7.6
18,340.0	90.48	179.59	10,407.9	-7,675.2	1,634.0	0.46	-0.46	0.00	-27.4	-7.7
18,434.0	90.31	179.51	10,407.3	-7,769.1	1,634.7	0.20	-0.18	-0.09	-29.7	-7.8
18,528.0	89.25	178.80	10,407.6	-7,863.1	1,636.1	1.36	-1.13	-0.76	-31.1	-7.3
18,622.0	88.46	178.72	10,409.5	-7,957.1	1,638.2	0.84	-0.84	-0.09	-31.0	-6.1
18,717.0	89.43	178.36	10,411.2	-8,052.0	1,640.6	1.09	1.02	-0.38	-30.9	-4.5
18,811.0	89.69	178.01	10,412.0	-8,146.0	1,643.6	0.46	0.28	-0.37	-32.0	-2.4
18,906.0	89.96	178.19	10,412.3	-8,240.9	1,646.7	0.34	0.28	0.19	-33.4	-0.1
19,000.0	90.13	178.01	10,412.2	-8,334.9	1,649.8	0.26	0.18	-0.19	-35.2	2.2
19,094.0	90.22	177.66	10,411.9	-8,428.8	1,653.4	0.38	0.10	-0.37	-37.2	4.9
19,189.0	90.66	176.78	10,411.2	-8,523.7	1,658.0	1.04	0.46	-0.93	-39.7	8.6
19,283.0	91.10	175.81	10,409.7	-8,617.5	1,664.1	1.13	0.47	-1.03	-42.9	13.8
19,378.0	93.03	176.43	10,406.3	-8,712.2	1,670.5	2.13	2.03	0.65	-48.0	19.5
19,472.0	93.47	178.36	10,401.0	-8,806.0	1,674.7	2.10	0.47	2.05	-55.1	23.0
19,566.0	89.08	177.48	10,398.9	-8,899.9	1,678.2	4.76	-4.67	-0.94	-58.9	25.4
19,661.0	88.64	180.12	10,400.8	-8,994.8	1,680.1	2.82	-0.46	2.78	-58.8	26.6
19,755.0	88.20	180.65	10,403.4	-9,088.8	1,679.5	0.73	-0.47	0.56	-57.9	25.2
19,849.0	88.90	180.03	10,405.7	-9,182.7	1,679.0	0.99	0.74	-0.66	-57.3	23.8
19,943.0	87.14	180.56	10,409.0	-9,276.7	1,678.5	1.96	-1.87	0.56	-55.7	22.5
20,038.0	87.76	180.47	10,413.2	-9,371.6	1,677.6	0.66	0.65	-0.09	-53.3	20.7
20,132.0	87.76	179.68	10,416.9	-9,465.5	1,677.5	0.84	0.00	-0.84	-51.3	19.8
20,227.0	87.76	178.80	10,420.6	-9,560.4	1,678.8	0.93	0.00	-0.93	-49.4	20.2
20,321.0	88.72	178.63	10,423.5	-9,654.4	1,680.9	1.04	1.02	-0.18	-48.2	21.4
20,415.0	89.16	178.36	10,425.2	-9,748.3	1,683.3	0.55	0.47	-0.29	-48.2	23.0



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #303H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3561.0usft
Site:	Yukon 20 Fed Com	MD Reference:	KB = 26' @ 3561.0usft
Well:	#303H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
20,509.0	89.25	178.19	10,426.5	-9,842.3	1,686.2	0.20	0.10	-0.18	-48.6	25.0
Last MWD Survey (MD=20509.0')										
20,608.0	89.25	178.19	10,427.8	-9,941.2	1,689.3	0.00	0.00	0.00	-49.1	27.3
Projection to Bit (MD=20608.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,780.0	9,599.9	462.8	1,525.8	KOP, MD:9780.0', TVD:9599.9', N/S:462.8', E/W:1525.8', INC:3.62
10,144.2	9,952.6	406.2	1,547.9	FTP Crossing, MD:10144.2', TVD:9952.6', N/S:406.2', E/W:1547.9', INC:31.97
20,509.0	10,426.5	-9,842.3	1,686.2	Last MWD Survey (MD=20509.0')
20,608.0	10,427.8	-9,941.2	1,689.3	Projection to Bit (MD=20608.0')

Checked By: _____ Approved By: _____ Date: _____

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

Kay Maddox 09/21/2021



Lea County, NM (NAD 83 NME)

Yukon 20 Fed Com #303H

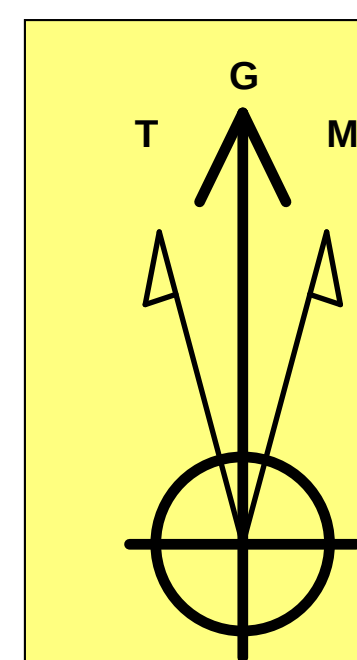
Plan #1

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: #303H

KB = 26' @ 3561.0usft
Northing 440775.00 Easting 801958.00 Latitude 32° 12' 32.253 N Longitude 103° 29' 26.470 W



Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.09°

Magnetic Field
Strength: 47524.3nT
Dip Angle: 59.91°
Date: 2/23/2021
Model: IGRF2020

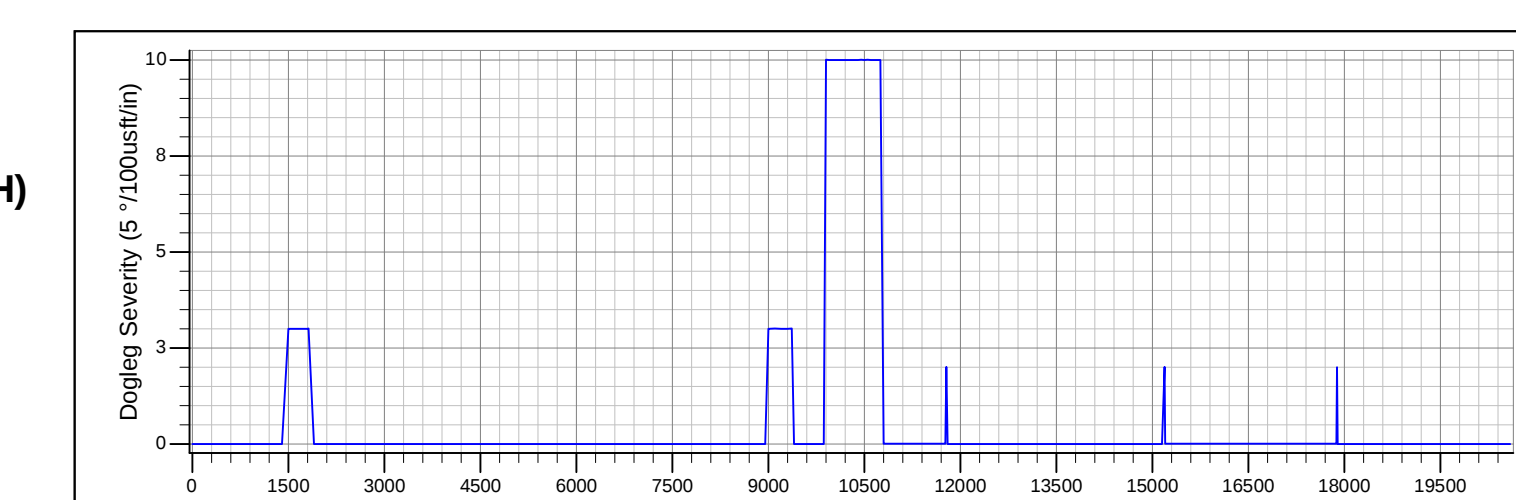
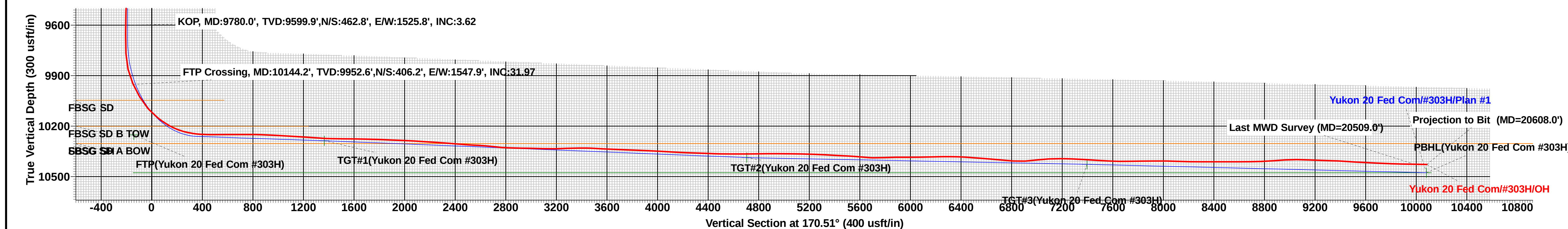
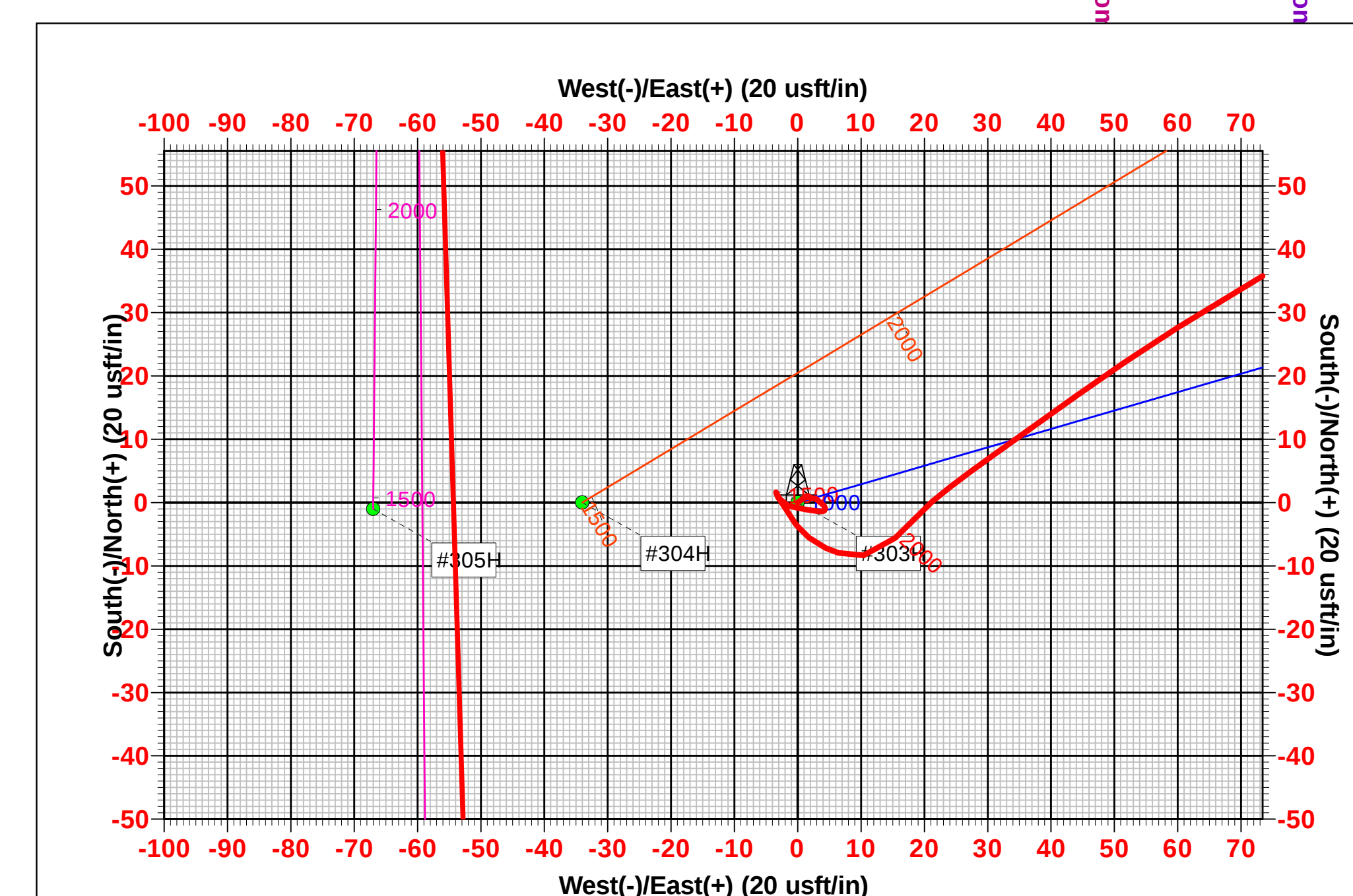
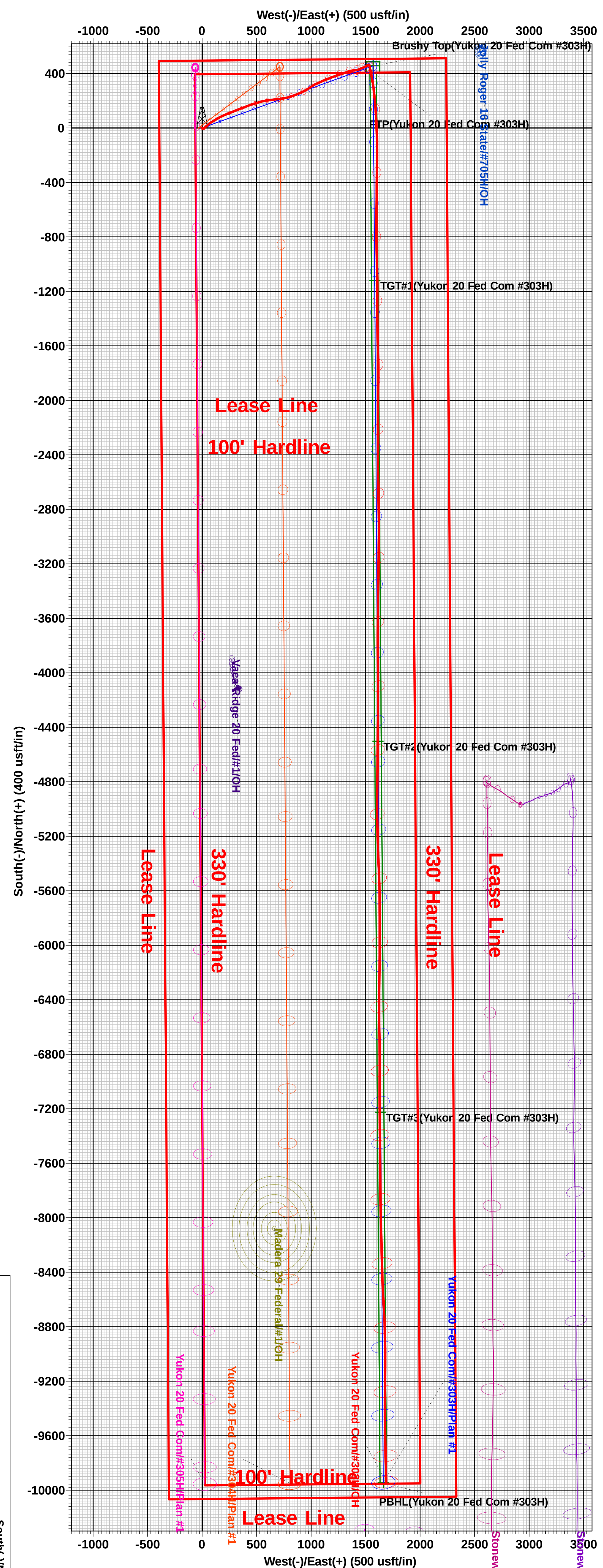
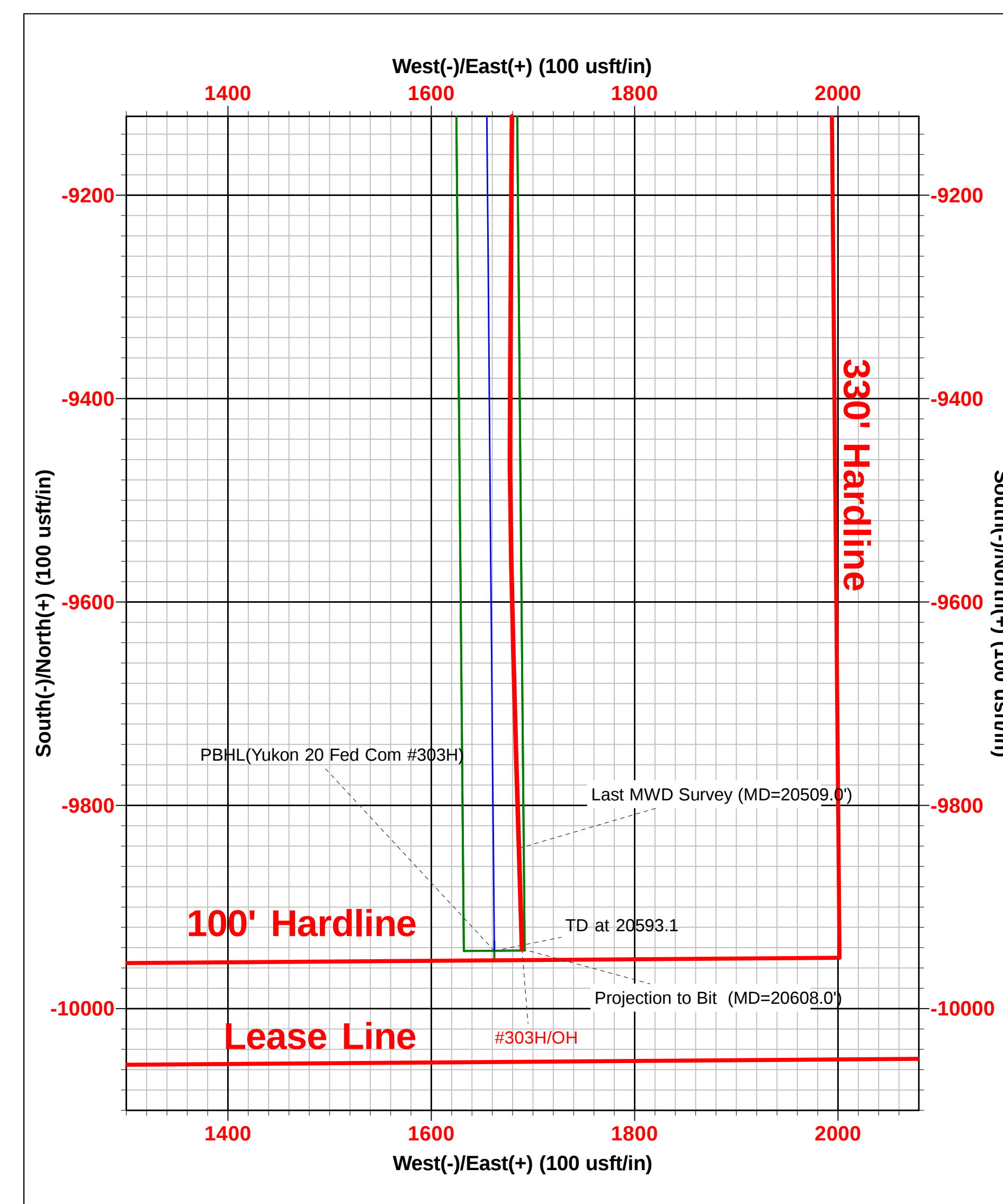
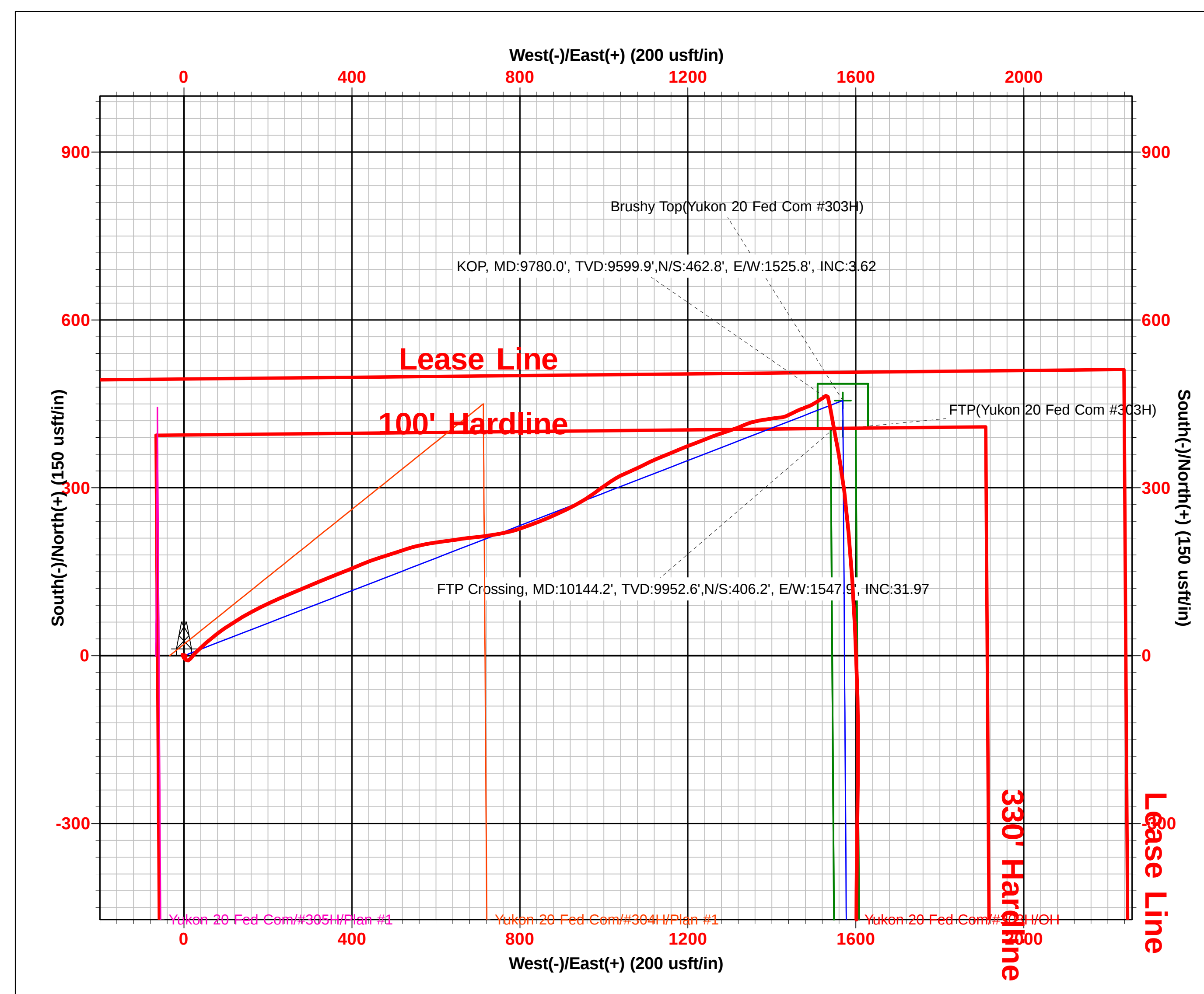
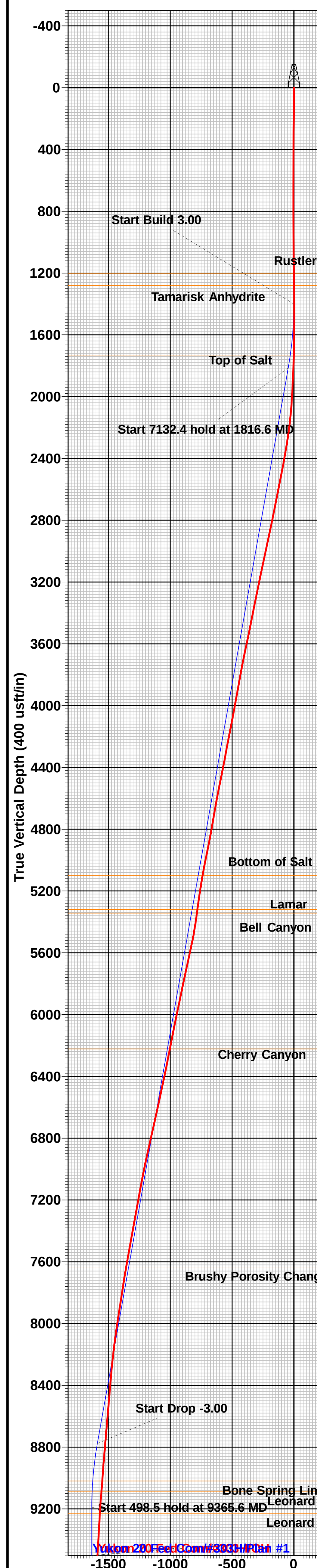
To convert a Magnetic Direction to a Grid Direction, Add 6.09°
To convert a Magnetic Direction to a True Direction, Add 6.54° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

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	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1816.6	12.50	73.79	1813.3	12.6	43.5	3.00	73.79	-5.3	
4	8949.0	12.50	73.79	8776.7	443.4	1525.5	0.00	0.00	-185.8	
5	9365.6	0.00	0.00	9190.0	456.0	1569.0	3.00	180.00	-191.1	
6	9864.1	0.00	0.00	9688.5	456.0	1569.0	0.00	0.00	-191.1	
7	10749.6	88.55	179.49	10261.3	-102.4	1574.0	10.00	179.49	360.5	
8	11766.8	88.55	179.49	10287.0	-1119.3	1583.1	0.00	0.00	1365.0	TGT#1(Yukon 20 Fed Com #303H)
9	11779.1	88.31	179.49	10287.3	-1131.5	1583.2	2.00	180.00	1377.1	TGT#2(Yukon 20 Fed Com #303H)
10	15150.7	88.31	179.49	10387.0	-4501.6	1613.3	0.00	0.00	4706.0	TGT#3(Yukon 20 Fed Com #303H)
11	15193.7	89.17	179.49	10387.9	-4544.5	1613.7	2.00	0.00	4748.4	
12	17874.4	89.17	179.49	10427.0	-7224.9	1637.7	0.00	0.00	7396.0	
13	17885.4	88.95	179.49	10427.2	-7235.9	1637.8	2.00	-180.00	7406.9	
14	20593.1	88.95	179.49	10477.0	-9943.0	1662.0	0.00	0.00	10080.9	PBHL(Yukon 20 Fed Com #303H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Yukon 20 Fed Com #303H)	7634.0	456.0	1569.0	441231.00	803527.00
FTP(Yukon 20 Fed Com #303H)	10252.0	406.0	1569.0	441181.00	803527.00
TGT#1(Yukon 20 Fed Com #303H)	10287.0	-1119.3	1583.1	439655.70	803541.09
TGT#2(Yukon 20 Fed Com #303H)	10387.0	-4501.6	1613.3	436273.40	803571.34
TGT#3(Yukon 20 Fed Com #303H)	10427.0	-7224.9	1637.7	433550.10	803595.69
PBHL(Yukon 20 Fed Com #303H)	10477.0	-9943.0	1662.0	430832.00	803620.00



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Well Name: YUKON 20 FED COM	Well Location: T24S / R34E / SEC 20 / NWNE / 32.20845 / -103.4872401	County or Parish/State: LEA / NM
Well Number: 303H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM017241, NMNM17241	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547170	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notification

Sundry ID:	2635687	Type of Action:	First Production
Type of Submission:	Notification		
Date Sundry Submitted:	Sep 23, 2021	Time Sundry Submitted:	9:36:03 AM
First Production Date:	Sep 16, 2021		
US Well Number:	3002547170		
First Production Remarks:	YUKON 20 FEDERAL COM 303H		
	04/17/2021 RIG RELEASED		
	04/20/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI		
	08/12/2021 BEGIN PERF AND FRAC		
	08/28/2021 FINISH 51 STAGES PERF & FRAC, 10,503 – 20,586’ W/ 3 1/8” 2160 SHOTS,		
	FRAC 25,261,850 LBS PROPPANT + 435,619 BBLS LOAD FLUID		
	08/30/2021 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE		
	09/17/2021 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION		

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name YUKON 20 FED COM		
								6. Well Number: 303H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EOG RESOURCES INC							9. OGRID 7377			
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702							11. Pool name or Wildcat RED HILLS; BONE SPRING, NORTH			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	20	24S	34E		495	NORTH	2243	EAST	LEA
BH:	P	29	24S	34E		109	SOUTH	642	EAST	LEA
13. Date Spudded 02/18/2021	14. Date T.D. Reached 04/15/2021		15. Date Rig Released 04/17/2021			16. Date Completed (Ready to Produce) 09/17/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3529'		
18. Total Measured Depth of Well MD 20,608' TVD 10,427'			19. Plug Back Measured Depth MD 20,586' TVD 10,427'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 10,503 - 20,586'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		1339'		16"		700 CL C/CIRC		
12 1/4"		40# J-55		5363'		12 1/4"		1515 CL C/CIRC		
5 1/2"		20# HCP 110		20,596'		8 1/2"		2745 CL H TOC 300' CBL		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10,503 - 20,586' 3 1/8", 2160 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,503 - 20,586'		FRAC W/25,261,850 lbs proppant, 435,619 bbls load fld		
28. PRODUCTION										
Date First Production 09/17/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 09/27/2021	Hours Tested 24	Choke Size 66	Prod'n For Test Period	Oil - Bbl 1845	Gas - MCF 2679	Water - Bbl. 7197	Gas - Oil Ratio 1452			
Flow Tubing Press.	Casing Pressure 686	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 41				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Kay Maddox			Name Kay Maddox			Title Senior Regulatory Specialist			Date 09/29/2021	
E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico			Northwestern New Mexico			
T. Anhy	Rustler	1177'	T. Canyon	Brushy 7577'	T. Ojo Alamo	T. Penn A"
T. Salt		1730'	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt		5117'	T. Atoka		T. Fruitland	T. Penn. "C"
T. Yates			T. Miss		T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers			T. Devonian		T. Cliff House	T. Leadville
T. Queen			T. Silurian		T. Menefee	T. Madison
T. Grayburg			T. Montoya		T. Point Lookout	T. Elbert
T. San Andres			T. Simpson		T. Mancos	T. McCracken
T. Glorieta			T. McKee		T. Gallup	T. Ignacio Otzte
T. Paddock			T. Ellenburger		Base Greenhorn	T. Granite
T. Blinebry			T. Gr. Wash		T. Dakota	
T. Tubb			T. Delaware Sand		T. Morrison	
T. Drinkard			T. Bone Springs		T. Todilto	
T. Abo			T. 1st BS Sand	10,010'	T. Entrada	
T. Wolfcamp			T.		T. Wingate	
T. Penn			T.		T. Chinle	
T. Cisco (Bough C)			T.		T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 52812

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52812
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 52812

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52812
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	10/27/2021