

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

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 6/16/2021	
⁴ API Number 30 - 025-48372		⁵ Pool Name WC025 G09 S243336I; UPPER WOLFCAMP			⁶ Pool Code 98092
⁷ Property Code 329968		⁸ Property Name Thrasher 33 FED COM			⁹ Well Number 701H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	33	24S	34E		200	SOUTH	627	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	24S	34E		109'	NORTH	327'	WEST	LEA
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
	FLOWING								

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 2/6/2021	²² Ready Date 6/16/2021	²³ TD 22,508'	²⁴ PBTD 22,477'	²⁵ Perforations 12,561'-22,477'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8"	1172'	635 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,703'	1905 SXS CL C/CIRC		
6 3/4"	5 1/2"	22,491'	1045 SXS CL H/CIRC		

V. Well Test Data

³¹ Date New Oil 6/16/2021	³² Gas Delivery Date 6/16/2021	³³ Test Date 6/19/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2277
³⁷ Choke Size 64	³⁸ Oil 4179	³⁹ Water 9503	⁴⁰ Gas 7826		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: <i>Kristina Agee</i>	OIL CONSERVATION DIVISION
Printed name: Kristina Agee	Approved by: KURT SIMMONS
Title: SENIOR REGULATORY ADMINISTRATOR	Title: NMOC, SANTA FE
E-mail Address: kristina_agee@eogresources.com	Approval Date: 09/02/2021
Date: 6/28/2021	
Phone: 432-686-6996	

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 30-025-48372	² Pool Code 98092	³ Pool Name WC-025 G-09 S243336I; Upper Wolfcamp
⁴ Property Code 329968	⁵ Property Name THRASHER 33 FED COM	⁶ Well Number 701H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3408'

¹⁰Surface Location

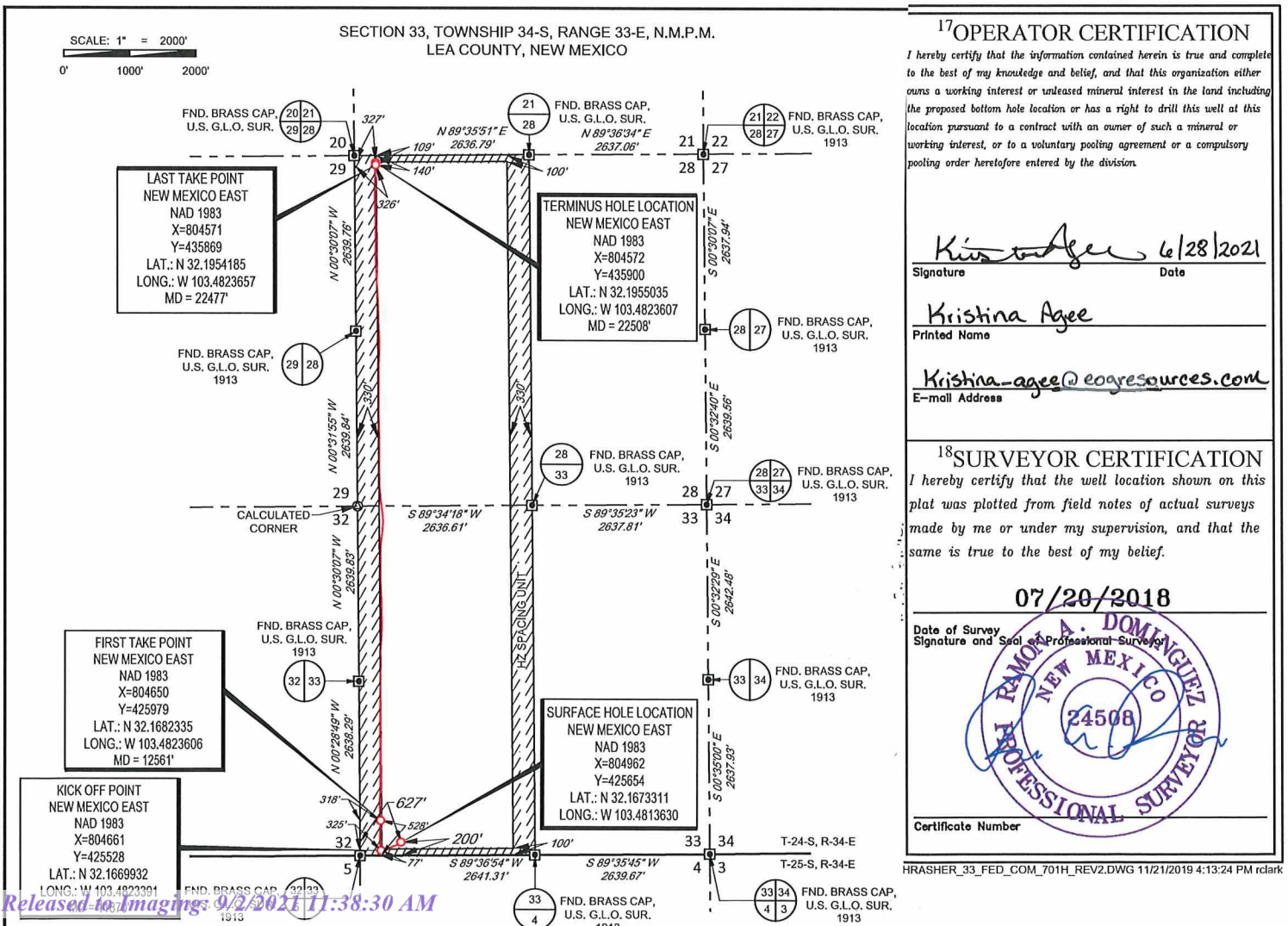
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	24-S	34-E	-	200'	SOUTH	627'	WEST	LEA

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
D	28	24-S	34-E	-	109'	NORTH	327'	WEST	LEA

¹² Dedicated Acres 640.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kristina Agee 6/28/2021
Signature Date

Kristina Agee
Printed Name

Kristina-agee@eogresources.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

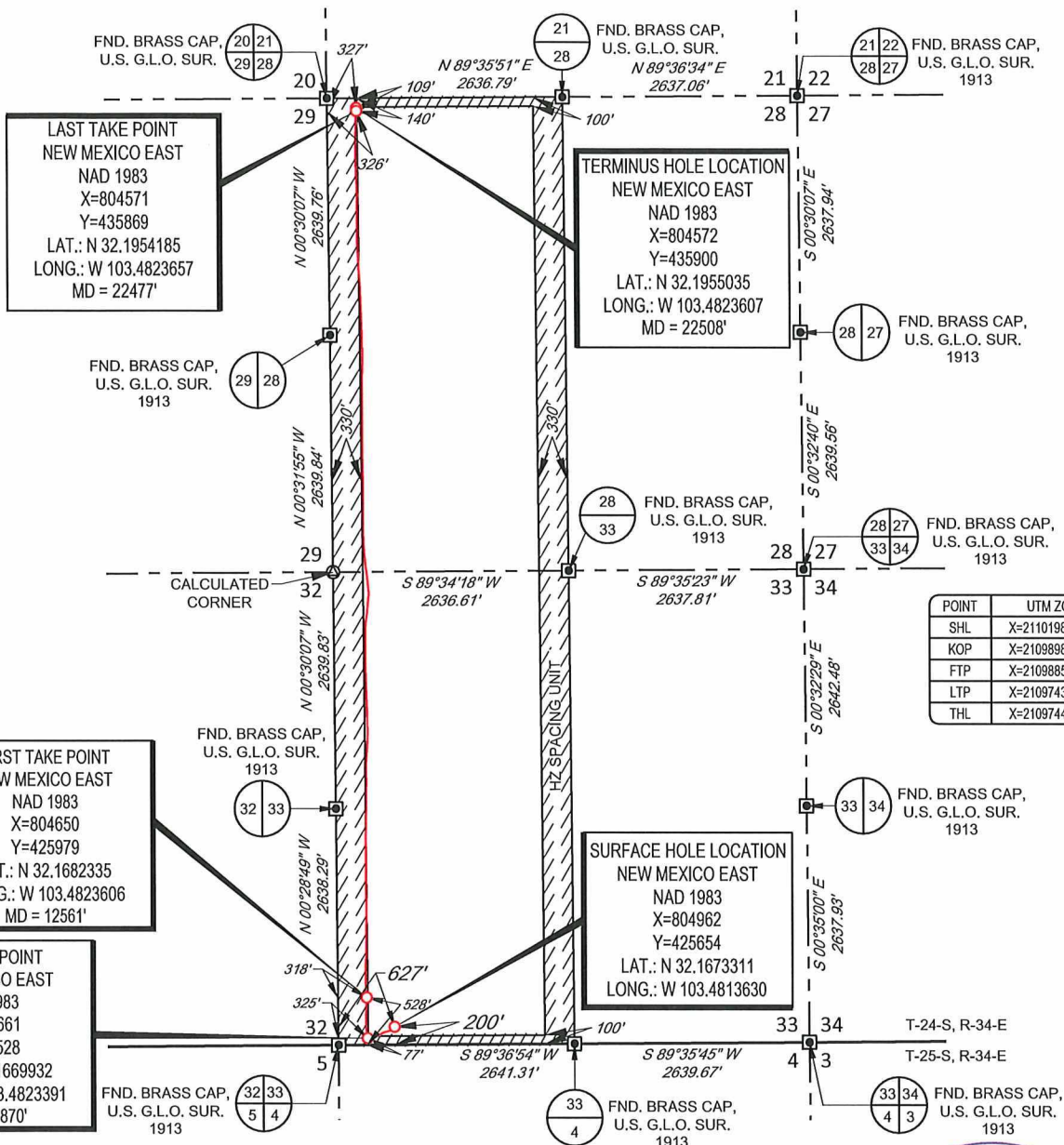
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

07/20/2018

Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

SECTION 33, TOWNSHIP 34-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICOSCALE: 1" = 2000'
0' 1000' 2000'

LEASE NAME & WELL NO.: THRASHER 33 FED COM 701H
 SECTION 33 TWP 24-S RGE 34-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3408'
 DESCRIPTION 200' FSL & 627' FWL



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

eog resources, Inc.



Ramon A. Dominguez, P.S. No. 24508
 June 23, 2021

THRASHER 33 FED COM
701H
AS-COMplete

REVISION:

DATE: 06/22/2021

FILE:AD_THRASHER_33_FED_COM_701H

DRAWN BY: IMU

SHEET: 1 OF 1

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.



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Thrasher 33 Fed Com

#701H

OH

Design: OH

Final PVA

16 March, 2021



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	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		Thrasher 33 Fed Com								
Site Position:		Northing:		425,654.00	usft	Latitude:	32° 10' 2.396 N			
From:	Map	Easting:		804,962.00	usft	Longitude:	103° 28' 52.902 W			
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.45	°

Well		#701H				
Well Position	+N/-S	0.0 usft	Northing:	425,654.00 usft	Latitude:	32° 10' 2.396 N
	+E/-W	0.0 usft	Easting:	804,962.00 usft	Longitude:	103° 28' 52.902 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,408.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/7/2019	6.65	59.99	47,668.12329612

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
				357.83	

Survey Program		Date	3/16/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.0	22,508.0	SDI MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



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Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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
200.0	0.96	72.78	200.0	0.5	1.6	0.48	0.48	0.00	-1.7	0.0
306.0	1.02	76.85	306.0	1.0	3.4	0.09	0.06	3.84	-3.5	0.2
397.0	1.01	82.03	397.0	1.3	5.0	0.10	-0.01	5.69	-5.1	0.6
580.0	0.62	57.25	579.9	2.0	7.4	0.28	-0.21	-13.54	-7.3	-2.3
672.0	0.68	67.62	671.9	2.5	8.3	0.14	0.07	11.27	-8.6	-0.8
864.0	0.17	38.31	863.9	3.2	9.5	0.28	-0.27	-15.27	-8.4	-5.5
959.0	0.36	110.41	958.9	3.2	9.9	0.37	0.20	75.89	-8.2	6.4
1,129.0	0.59	98.75	1,128.9	2.8	11.3	0.15	0.14	-6.86	-10.7	4.5
1,247.0	0.89	193.86	1,246.9	1.9	11.6	0.94	0.25	80.60	4.6	10.9
1,343.0	0.98	187.14	1,342.9	0.3	11.4	0.15	0.09	-7.00	1.7	11.2
1,438.0	4.42	217.43	1,437.8	-3.4	9.0	3.80	3.62	31.88	3.0	9.3
1,534.0	4.32	218.93	1,533.5	-9.1	4.5	0.16	-0.10	1.56	-1.4	10.5
1,630.0	6.21	242.06	1,629.1	-14.4	-2.3	2.92	1.97	24.09	0.4	11.7
1,726.0	6.18	242.87	1,724.5	-19.2	-11.5	0.10	-0.03	0.84	-0.7	11.8
1,822.0	6.11	240.11	1,820.0	-24.1	-20.6	0.32	-0.07	-2.87	-1.5	12.0
1,918.0	6.27	238.09	1,915.4	-29.4	-29.4	0.28	0.17	-2.10	-2.3	12.6
2,014.0	6.31	239.82	2,010.9	-34.8	-38.4	0.20	0.04	1.80	-2.4	13.4
2,110.0	6.23	241.02	2,106.3	-40.0	-47.6	0.16	-0.08	1.25	-2.6	13.9
2,205.0	6.27	256.22	2,200.7	-43.7	-57.1	1.74	0.04	16.00	0.6	13.1
2,301.0	6.21	255.44	2,296.2	-46.3	-67.2	0.11	-0.06	-0.81	-0.2	10.9
2,397.0	6.24	252.93	2,391.6	-49.1	-77.2	0.29	0.03	-2.61	-1.2	8.9
2,493.0	6.31	254.05	2,487.0	-52.1	-87.3	0.15	0.07	1.17	-1.6	7.0
2,589.0	5.56	253.71	2,582.5	-54.8	-96.8	0.78	-0.78	-0.35	-1.8	5.1
2,685.0	5.03	251.49	2,678.1	-57.5	-105.3	0.59	-0.55	-2.31	-0.9	3.4
2,781.0	4.61	257.27	2,773.8	-59.7	-113.0	0.67	-0.44	6.02	1.1	1.4
2,877.0	4.39	246.40	2,869.5	-62.0	-120.2	0.92	-0.23	-11.32	3.4	0.2



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
2,973.0	4.04	244.67	2,965.2	-64.9	-126.6	0.39	-0.36	-1.80	6.4	-0.1	
3,069.0	5.71	235.83	3,060.9	-69.0	-133.6	1.90	1.74	-9.21	8.2	1.6	
3,165.0	4.81	238.67	3,156.4	-73.8	-141.0	0.98	-0.94	2.96	9.5	2.2	
3,260.0	6.36	244.18	3,251.0	-78.2	-149.1	1.72	1.63	5.80	10.3	1.4	
3,356.0	5.34	237.82	3,346.5	-82.9	-157.7	1.26	-1.06	-6.62	10.4	2.9	
3,452.0	4.96	246.22	3,442.1	-86.9	-165.3	0.88	-0.40	8.75	12.1	1.4	
3,548.0	3.83	226.73	3,537.8	-90.8	-171.4	1.93	-1.18	-20.30	13.5	6.7	
3,644.0	5.17	235.47	3,633.5	-95.5	-177.3	1.56	1.40	9.10	16.8	6.4	
3,740.0	6.95	248.96	3,729.0	-100.0	-186.3	2.36	1.85	14.05	17.8	2.3	
3,835.0	8.14	247.98	3,823.2	-104.6	-197.9	1.26	1.25	-1.03	15.2	1.6	
3,931.0	8.61	250.18	3,918.1	-109.6	-211.0	0.59	0.49	2.29	11.2	0.0	
4,027.0	8.06	246.44	4,013.1	-114.7	-223.9	0.80	-0.57	-3.90	7.2	-0.4	
4,123.0	7.71	241.55	4,108.2	-120.4	-235.7	0.79	-0.36	-5.09	4.1	-0.1	
4,219.0	6.74	235.92	4,203.5	-126.7	-246.0	1.25	-1.01	-5.86	2.0	0.9	
4,315.0	4.83	232.08	4,299.0	-132.3	-253.9	2.03	-1.99	-4.00	2.1	2.5	
4,411.0	2.80	246.28	4,394.8	-135.7	-259.2	2.32	-2.11	14.79	6.4	2.4	
4,507.0	1.65	197.55	4,490.7	-138.0	-261.8	2.20	-1.20	-50.76	6.6	11.8	
4,603.0	3.24	151.88	4,586.6	-141.7	-260.9	2.50	1.66	-47.57	-7.6	22.0	
4,698.0	3.19	165.12	4,681.5	-146.6	-259.0	0.78	-0.05	13.94	-5.9	31.7	
4,794.0	4.36	203.74	4,777.3	-152.6	-259.8	2.84	1.22	40.23	13.2	33.2	
4,890.0	3.94	177.84	4,873.0	-159.2	-261.1	1.98	-0.44	-26.98	-8.5	35.6	
4,986.0	2.44	277.52	4,968.9	-162.2	-263.0	5.18	-1.56	103.83	35.0	5.7	
5,082.0	0.94	243.56	5,064.9	-162.3	-265.8	1.81	-1.56	-35.37	23.4	23.1	
5,178.0	2.73	280.17	5,160.8	-162.3	-268.7	2.14	1.86	38.14	29.6	5.1	
5,275.0	4.68	306.81	5,257.6	-159.5	-274.2	2.63	2.01	27.46	22.8	-7.7	
5,371.0	4.29	303.86	5,353.3	-155.1	-280.3	0.47	-0.41	-3.07	15.6	-6.7	
5,467.0	4.22	299.34	5,449.1	-151.4	-286.3	0.36	-0.07	-4.71	9.0	-5.8	



EOG Resources

Final PVA

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

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)	
5,563.0	3.54	325.47	5,544.9	-147.2	-291.1	1.95	-0.71	27.22	-0.6	-7.6	
5,659.0	3.92	326.17	5,640.7	-142.1	-294.6	0.40	0.40	0.73	-6.9	-7.5	
5,756.0	1.97	353.11	5,737.5	-137.6	-296.6	2.41	-2.01	27.77	-14.2	-2.1	
5,852.0	2.14	350.32	5,833.5	-134.2	-297.1	0.21	0.18	-2.91	-17.5	-2.8	
5,948.0	2.32	351.98	5,929.4	-130.5	-297.7	0.20	0.19	1.73	-21.3	-2.3	
6,044.0	2.69	346.81	6,025.3	-126.4	-298.5	0.45	0.39	-5.39	-25.2	-4.4	
6,140.0	2.07	19.75	6,121.2	-122.6	-298.4	1.54	-0.65	34.31	-27.2	11.3	
6,237.0	1.72	21.76	6,218.2	-119.6	-297.3	0.37	-0.36	2.07	-30.0	12.3	
6,333.0	1.88	42.87	6,314.1	-117.1	-295.7	0.71	0.17	21.99	-26.5	22.8	
6,429.0	2.16	62.28	6,410.1	-115.1	-293.0	0.77	0.29	20.22	-20.7	30.8	
6,525.0	1.86	59.07	6,506.0	-113.5	-290.1	0.33	-0.31	-3.34	-25.7	29.5	
6,622.0	1.89	60.82	6,603.0	-111.9	-287.3	0.07	0.03	1.80	-28.0	30.3	
6,718.0	1.95	53.10	6,698.9	-110.1	-284.7	0.28	0.06	-8.04	-35.0	26.1	
6,814.0	2.23	96.49	6,794.8	-109.4	-281.5	1.63	0.29	45.20	-10.6	44.1	
6,910.0	2.19	89.70	6,890.8	-109.6	-277.8	0.28	-0.04	-7.07	-19.4	42.3	
7,007.0	2.31	155.15	6,987.7	-111.3	-275.1	2.51	0.12	67.47	27.7	37.0	
7,103.0	1.97	147.74	7,083.6	-114.5	-273.4	0.46	-0.35	-7.72	19.1	40.0	
7,199.0	1.82	153.63	7,179.6	-117.2	-271.9	0.26	-0.16	6.14	20.0	38.0	
7,296.0	1.57	154.89	7,276.5	-119.8	-270.6	0.26	-0.26	1.30	17.9	37.5	
7,392.0	1.25	154.84	7,372.5	-122.0	-269.6	0.33	-0.33	-0.05	15.5	37.6	
7,489.0	1.57	164.84	7,469.5	-124.2	-268.8	0.41	0.33	10.31	19.5	34.5	
7,585.0	0.93	138.40	7,565.5	-126.1	-268.0	0.88	-0.67	-27.54	0.1	38.9	
7,681.0	0.56	3.17	7,661.5	-126.2	-267.4	1.44	-0.39	-140.86	-27.4	-28.1	
7,777.0	0.08	291.49	7,757.5	-125.7	-267.5	0.56	-0.50	-74.67	17.8	-35.3	
7,874.0	0.50	221.23	7,854.5	-126.0	-267.8	0.49	0.43	-72.43	38.8	4.8	
7,970.0	0.62	206.52	7,950.5	-126.7	-268.3	0.19	0.12	-15.32	35.4	14.4	
8,066.0	1.25	209.42	8,046.4	-128.1	-269.1	0.66	0.66	3.02	34.5	12.6	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
8,162.0	1.01	194.54	8,142.4	-129.9	-269.8	0.39	-0.25	-15.50	28.3	20.8
8,257.0	1.01	197.49	8,237.4	-131.5	-270.2	0.05	0.00	3.11	27.6	19.4
8,353.0	1.12	190.24	8,333.4	-133.2	-270.7	0.18	0.11	-7.55	23.2	22.6
8,449.0	0.93	188.28	8,429.4	-134.9	-270.9	0.20	-0.20	-2.04	20.7	23.3
8,545.0	0.91	193.87	8,525.4	-136.4	-271.2	0.10	-0.02	5.82	21.3	21.3
8,641.0	1.01	200.99	8,621.3	-137.9	-271.7	0.16	0.10	7.42	22.2	18.6
8,737.0	1.03	193.20	8,717.3	-139.6	-272.2	0.15	0.02	-8.11	17.8	21.3
8,833.0	0.93	185.90	8,813.3	-141.2	-272.5	0.17	-0.10	-7.60	13.3	23.3
8,929.0	1.14	179.79	8,909.3	-142.9	-272.6	0.25	0.22	-6.36	9.0	24.5
9,025.0	1.16	178.60	9,005.3	-144.8	-272.5	0.03	0.02	-1.24	6.6	24.6
9,121.0	1.03	194.32	9,101.3	-146.6	-272.7	0.34	-0.14	16.37	11.2	22.2
9,217.0	1.15	189.99	9,197.2	-148.4	-273.1	0.15	0.12	-4.51	7.7	22.9
9,313.0	0.85	193.13	9,293.2	-150.1	-273.4	0.32	-0.31	3.27	7.2	22.5
9,409.0	0.47	196.88	9,389.2	-151.1	-273.7	0.40	-0.40	3.91	7.6	22.0
9,505.0	0.40	195.68	9,485.2	-151.8	-273.9	0.07	-0.07	-1.25	6.4	22.2
9,600.0	0.91	164.55	9,580.2	-152.9	-273.8	0.64	0.54	-32.77	-7.0	22.1
9,793.0	0.80	157.31	9,773.2	-155.6	-272.9	0.08	-0.06	-3.75	-12.6	20.9
9,889.0	0.05	103.01	9,869.2	-156.2	-272.6	0.80	-0.78	-56.56	-24.7	1.4
9,985.0	1.02	229.61	9,965.2	-156.8	-273.2	1.09	1.01	131.87	15.0	19.1
10,177.0	1.01	228.97	10,157.2	-159.0	-275.8	0.01	-0.01	-0.33	11.4	19.2
10,274.0	1.20	256.43	10,254.1	-159.8	-277.4	0.57	0.20	28.31	17.2	12.2
10,466.0	2.18	313.11	10,446.1	-157.8	-282.0	0.95	0.51	29.52	14.9	-6.0
10,562.0	1.54	352.02	10,542.0	-155.3	-283.5	1.44	-0.67	40.53	5.1	-12.9
10,659.0	1.80	334.40	10,639.0	-152.6	-284.4	0.59	0.27	-18.16	6.0	-11.1
10,755.0	1.27	300.78	10,734.9	-150.7	-285.9	1.07	-0.55	-35.02	8.8	-6.8
10,851.0	1.59	304.31	10,830.9	-149.4	-288.0	0.35	0.33	3.68	6.0	-7.2
11,043.0	2.48	310.93	11,022.8	-145.2	-293.3	0.48	0.46	3.45	-1.7	-7.6



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
11,139.0	2.45	328.26	11,118.7	-142.1	-295.9	0.77	-0.03	18.05	-7.9	-6.1
11,235.0	1.42	335.39	11,214.7	-139.2	-297.5	1.10	-1.07	7.43	-11.8	-4.8
11,331.0	1.52	341.91	11,310.6	-137.0	-298.4	0.20	0.10	6.79	-14.7	-3.3
11,427.0	1.96	337.83	11,406.6	-134.2	-299.4	0.48	0.46	-4.25	-17.4	-4.5
11,522.0	1.97	334.17	11,501.5	-131.2	-300.8	0.13	0.01	-3.85	-20.3	-5.7
11,618.0	0.90	13.22	11,597.5	-129.0	-301.3	1.45	-1.11	40.68	-21.4	9.4
11,649.0	1.13	10.84	11,628.5	-128.5	-301.2	0.75	0.74	-7.68	-22.3	8.5
11,756.0	0.53	15.42	11,735.5	-127.0	-300.9	0.56	-0.56	4.28	-23.1	10.4
11,852.0	0.55	340.57	11,831.5	-126.1	-300.9	0.34	0.02	-36.30	-25.7	-4.9
11,870.0	3.97	350.62	11,849.5	-125.4	-301.0	19.07	19.02	55.82	-26.9	-0.4
KOP, MD:11870.0', TVD:11849.5', N/S:-125.4', E/W:-301.0', INC:3.97										
11,948.0	18.85	351.89	11,925.7	-110.2	-303.3	19.07	19.07	1.63	-42.3	0.3
11,970.9	21.95	352.55	11,947.2	-102.3	-304.3	13.58	13.54	2.88	-50.0	0.9
HL Crossing, MD:11970.9', TVD:11947.2', N/S:-102.3', E/W:-304.3', INC:21.95										
12,044.0	31.86	353.83	12,012.3	-69.5	-308.2	13.58	13.56	1.75	-75.3	3.4
12,140.0	43.02	357.35	12,088.4	-11.4	-312.4	11.83	11.62	3.67	-106.8	11.1
12,236.0	43.91	356.52	12,158.1	54.6	-316.0	1.10	0.93	-0.86	-125.7	12.2
12,332.0	56.74	1.27	12,219.2	128.3	-317.1	13.89	13.36	4.95	-129.2	19.9
12,428.0	57.04	2.63	12,271.7	208.6	-314.4	1.23	0.31	1.42	-118.4	16.8
12,524.0	62.02	2.06	12,320.3	291.3	-311.0	5.21	5.19	-0.59	-88.0	11.4
12,620.0	69.07	357.27	12,360.1	378.6	-311.6	8.63	7.34	-4.99	-49.3	10.7
12,716.0	78.29	356.94	12,387.0	470.5	-316.3	9.61	9.60	-0.34	-21.5	14.0
12,812.0	88.42	358.10	12,398.1	565.6	-320.4	10.62	10.55	1.21	-9.7	17.1
12,908.0	93.09	2.88	12,396.9	661.5	-319.6	6.96	4.86	4.98	-10.1	15.4
13,004.0	91.24	3.53	12,393.2	757.3	-314.2	2.04	-1.93	0.68	-12.9	9.2
13,100.0	86.58	358.77	12,395.1	853.2	-312.3	6.94	-4.85	-4.96	-10.2	6.5
13,196.0	88.36	359.61	12,399.3	949.1	-313.6	2.05	1.85	0.87	-5.1	7.0



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
13,292.0	91.48	0.68	12,399.4	1,045.1	-313.4	3.44	3.25	1.11	-4.1	5.9
13,388.0	92.48	1.34	12,396.1	1,141.0	-311.7	1.25	1.04	0.69	-6.5	3.4
13,484.0	91.84	359.84	12,392.5	1,237.0	-310.7	1.70	-0.67	-1.56	-9.3	1.5
13,579.0	89.46	359.91	12,391.4	1,331.9	-310.9	2.51	-2.51	0.07	-9.5	0.9
13,675.0	85.10	359.56	12,396.0	1,427.8	-311.3	4.56	-4.54	-0.36	-4.1	0.5
13,771.0	85.61	356.14	12,403.7	1,523.4	-314.9	3.59	0.53	-3.56	4.5	3.3
13,868.0	92.87	0.23	12,405.0	1,620.3	-318.0	8.59	7.48	4.22	6.7	5.5
13,964.0	94.26	359.63	12,399.1	1,716.1	-318.1	1.58	1.45	-0.62	1.6	4.8
14,060.0	92.68	1.33	12,393.2	1,811.9	-317.3	2.42	-1.65	1.77	-3.4	3.1
14,157.0	91.51	0.32	12,389.7	1,908.8	-315.9	1.59	-1.21	-1.04	-6.0	0.9
14,253.0	93.76	359.41	12,385.3	2,004.7	-316.1	2.53	2.34	-0.95	-9.5	0.3
14,349.0	91.44	359.64	12,380.9	2,100.6	-316.9	2.43	-2.42	0.24	-12.7	0.2
14,445.0	91.20	2.47	12,378.7	2,196.6	-315.2	2.96	-0.25	2.95	-13.8	-2.4
14,542.0	86.21	0.74	12,380.9	2,293.5	-312.5	5.44	-5.14	-1.78	-10.4	-6.0
14,638.0	89.43	0.73	12,384.6	2,389.4	-311.2	3.35	3.35	-0.01	-5.6	-8.0
14,734.0	89.60	0.55	12,385.4	2,485.4	-310.2	0.26	0.18	-0.19	-3.7	-9.9
14,830.0	88.29	0.41	12,387.1	2,581.3	-309.4	1.37	-1.36	-0.15	-0.8	-11.6
14,925.0	90.40	2.66	12,388.2	2,676.3	-306.8	3.25	2.22	2.37	1.5	-14.9
15,021.0	92.91	358.27	12,385.5	2,772.2	-306.0	5.27	2.61	-4.57	-0.2	-16.6
15,117.0	92.31	357.88	12,381.1	2,868.1	-309.2	0.75	-0.62	-0.41	-3.4	-14.2
15,213.0	93.28	4.82	12,376.4	2,963.9	-307.0	7.29	1.01	7.23	-6.9	-17.3
15,309.0	89.03	3.91	12,374.5	3,059.5	-299.7	4.53	-4.43	-0.95	-7.0	-25.4
15,405.0	87.86	3.27	12,377.1	3,155.3	-293.7	1.39	-1.22	-0.67	-1.8	-32.3
15,501.0	92.25	0.55	12,377.0	3,251.2	-290.5	5.38	4.57	-2.83	0.9	-36.3
15,598.0	86.38	358.98	12,378.1	3,348.2	-290.9	6.26	-6.05	-1.62	4.7	-36.8
15,714.0	86.62	358.03	12,385.2	3,463.9	-293.9	0.84	0.21	-0.82	15.0	-34.7
15,810.0	86.69	358.85	12,390.8	3,559.7	-296.5	0.86	0.07	0.85	23.2	-33.0



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
15,906.0	86.71	357.45	12,396.3	3,655.5	-299.6	1.46	0.02	-1.46	31.4	-30.8
16,002.0	87.60	356.85	12,401.1	3,751.3	-304.4	1.12	0.93	-0.62	38.9	-26.8
16,098.0	89.60	358.29	12,403.5	3,847.1	-308.4	2.57	2.08	1.50	43.9	-23.6
16,194.0	89.53	358.41	12,404.2	3,943.1	-311.2	0.14	-0.07	0.12	47.3	-21.7
16,290.0	92.84	359.74	12,402.2	4,039.0	-312.8	3.72	3.45	1.39	48.0	-20.9
16,386.0	92.09	359.16	12,398.1	4,135.0	-313.7	0.99	-0.78	-0.60	46.5	-20.9
16,482.0	90.07	0.30	12,396.3	4,230.9	-314.1	2.42	-2.10	1.19	47.4	-21.2
16,578.0	89.63	358.51	12,396.5	4,326.9	-315.1	1.92	-0.46	-1.86	50.3	-21.1
16,674.0	91.32	1.82	12,395.7	4,422.9	-314.8	3.87	1.76	3.45	52.2	-22.1
16,770.0	93.60	7.25	12,391.6	4,518.5	-307.3	6.13	2.37	5.66	50.9	-30.2
16,866.0	94.23	7.53	12,385.0	4,613.4	-294.9	0.72	0.66	0.29	47.2	-43.2
16,962.0	92.70	5.94	12,379.2	4,708.6	-283.7	2.30	-1.59	-1.66	44.0	-55.5
17,040.0	90.71	4.80	12,376.9	4,786.2	-276.4	2.94	-2.55	-1.46	43.6	-63.6
17,058.0	88.86	3.46	12,377.0	4,804.2	-275.1	12.69	-10.28	-7.44	44.0	-65.2
17,090.0	86.70	359.56	12,378.2	4,836.1	-274.3	13.92	-6.75	-12.19	46.0	-66.5
17,122.0	85.75	357.42	12,380.3	4,868.0	-275.1	7.30	-2.97	-6.69	49.1	-65.9
17,153.0	85.62	355.93	12,382.7	4,898.9	-276.9	4.81	-0.42	-4.81	52.3	-64.3
17,185.0	89.73	352.97	12,384.0	4,930.7	-280.0	15.82	12.84	-9.25	54.6	-61.4
17,217.0	91.04	353.51	12,383.7	4,962.5	-283.8	4.43	4.09	1.69	55.2	-58.0
17,249.0	91.44	353.67	12,383.1	4,994.3	-287.3	1.35	1.25	0.50	55.3	-54.7
17,281.0	91.11	352.67	12,382.3	5,026.1	-291.1	3.29	-1.03	-3.12	55.5	-51.1
17,313.0	91.34	352.96	12,381.7	5,057.8	-295.1	1.16	0.72	0.91	55.7	-47.4
17,345.0	91.40	353.04	12,380.9	5,089.5	-299.0	0.31	0.19	0.25	55.8	-43.8
17,377.0	92.07	353.63	12,379.9	5,121.3	-302.8	2.79	2.09	1.84	55.7	-40.4
17,409.0	92.87	352.77	12,378.5	5,153.1	-306.5	3.67	2.50	-2.69	55.2	-36.9
17,441.0	93.19	352.62	12,376.9	5,184.8	-310.6	1.10	1.00	-0.47	54.4	-33.2
17,473.0	92.48	352.41	12,375.3	5,216.4	-314.8	2.31	-2.22	-0.66	53.7	-29.3



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
17,505.0	93.02	354.58	12,373.7	5,248.2	-318.4	6.98	1.69	6.78	53.0	-25.9
17,537.0	93.37	355.36	12,372.0	5,280.0	-321.2	2.67	1.09	2.44	52.1	-23.4
17,632.0	92.88	357.65	12,366.8	5,374.7	-327.0	2.46	-0.52	2.41	49.6	-18.4
17,696.0	94.70	357.12	12,362.5	5,438.5	-329.9	2.96	2.84	-0.83	47.1	-16.1
17,728.0	95.02	357.49	12,359.8	5,470.3	-331.4	1.53	1.00	1.16	45.3	-14.9
17,824.0	91.95	358.71	12,354.0	5,566.1	-334.6	3.44	-3.20	1.27	42.2	-12.5
17,920.0	89.57	0.63	12,352.7	5,662.1	-335.1	3.19	-2.48	2.00	43.6	-12.8
18,016.0	91.25	1.82	12,352.0	5,758.0	-333.1	2.14	1.75	1.24	45.6	-15.6
18,112.0	90.37	358.71	12,350.7	5,854.0	-332.6	3.37	-0.92	-3.24	46.8	-17.0
18,208.0	91.24	0.00	12,349.3	5,950.0	-333.7	1.62	0.91	1.34	48.2	-16.7
18,304.0	91.68	0.49	12,346.9	6,046.0	-333.3	0.69	0.46	0.51	48.3	-17.9
18,400.0	92.33	358.12	12,343.5	6,141.9	-334.5	2.56	0.68	-2.47	47.3	-17.7
18,495.0	94.50	359.04	12,337.9	6,236.7	-336.8	2.48	2.28	0.97	44.0	-16.1
18,591.0	93.95	358.40	12,330.8	6,332.4	-338.9	0.88	-0.57	-0.67	39.3	-14.8
18,687.0	94.51	0.28	12,323.7	6,428.1	-340.0	2.04	0.58	1.96	34.6	-14.5
18,783.0	89.87	359.77	12,320.0	6,524.0	-340.0	4.86	-4.83	-0.53	33.4	-15.4
18,879.0	90.44	359.76	12,319.8	6,620.0	-340.4	0.59	0.59	-0.01	35.5	-15.9
18,974.0	91.48	0.04	12,318.2	6,715.0	-340.6	1.13	1.09	0.29	36.3	-16.5
19,070.0	92.09	359.36	12,315.2	6,811.0	-341.1	0.95	0.64	-0.71	35.7	-16.9
19,166.0	93.08	0.12	12,310.9	6,906.9	-341.5	1.30	1.03	0.79	33.8	-17.3
19,261.0	92.59	0.28	12,306.2	7,001.8	-341.2	0.54	-0.52	0.17	31.4	-18.4
19,357.0	93.17	0.07	12,301.4	7,097.6	-340.9	0.64	0.60	-0.22	29.0	-19.6
19,453.0	90.13	0.82	12,298.6	7,193.6	-340.1	3.26	-3.17	0.78	28.6	-21.1
19,549.0	90.50	1.66	12,298.1	7,289.6	-338.1	0.96	0.39	0.87	30.5	-24.0
19,645.0	89.10	1.24	12,298.4	7,385.5	-335.6	1.52	-1.46	-0.44	33.2	-27.3
19,741.0	90.94	0.13	12,298.4	7,481.5	-334.5	2.24	1.92	-1.16	35.6	-29.3
19,837.0	93.24	358.62	12,294.9	7,577.4	-335.5	2.87	2.40	-1.57	34.5	-29.2



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
19,933.0	92.75	357.53	12,289.8	7,673.2	-338.7	1.24	-0.51	-1.14	31.8	-26.8
20,028.0	92.42	359.08	12,285.6	7,768.1	-341.6	1.67	-0.35	1.63	29.9	-24.8
20,124.0	93.27	357.97	12,280.8	7,864.0	-344.0	1.46	0.89	-1.16	27.6	-23.2
20,220.0	94.32	357.55	12,274.4	7,959.7	-347.8	1.18	1.09	-0.44	23.6	-20.3
20,316.0	95.46	358.10	12,266.3	8,055.2	-351.4	1.32	1.19	0.57	17.9	-17.5
20,420.0	95.27	358.09	12,256.5	8,158.7	-354.8	0.18	-0.18	-0.01	10.9	-14.9
20,515.0	92.22	357.61	12,250.3	8,253.5	-358.4	3.25	-3.21	-0.51	7.3	-12.2
20,611.0	91.99	356.02	12,246.8	8,349.2	-363.7	1.67	-0.24	-1.66	6.3	-7.7
20,707.0	92.11	357.07	12,243.4	8,445.0	-369.5	1.10	0.12	1.09	5.4	-2.7
20,803.0	92.80	356.38	12,239.3	8,540.8	-375.0	1.02	0.72	-0.72	3.9	1.9
20,899.0	93.30	358.55	12,234.1	8,636.5	-379.2	2.32	0.52	2.26	1.3	5.3
20,995.0	93.35	357.35	12,228.6	8,732.3	-382.7	1.25	0.05	-1.25	-1.7	7.9
21,091.0	92.40	358.71	12,223.8	8,828.1	-385.9	1.73	-0.99	1.42	-4.0	10.3
21,186.0	90.54	359.46	12,221.3	8,923.1	-387.5	2.11	-1.96	0.79	-3.9	11.0
21,282.0	90.80	0.20	12,220.2	9,019.1	-387.7	0.82	0.27	0.77	-2.4	10.5
21,378.0	88.86	0.21	12,220.5	9,115.0	-387.4	2.02	-2.02	0.01	0.4	9.3
21,474.0	90.07	359.98	12,221.4	9,211.0	-387.2	1.28	1.26	-0.24	3.8	8.3
21,569.0	90.10	0.69	12,221.2	9,306.0	-386.7	0.75	0.03	0.75	6.2	6.9
21,665.0	88.30	357.32	12,222.6	9,402.0	-388.4	3.98	-1.87	-3.51	10.1	7.7
21,761.0	88.60	356.41	12,225.2	9,497.8	-393.6	1.00	0.31	-0.95	15.3	12.1
21,857.0	89.57	358.48	12,226.7	9,593.7	-397.9	2.38	1.01	2.16	19.4	15.6
21,953.0	89.90	358.17	12,227.2	9,689.7	-400.7	0.47	0.34	-0.32	22.4	17.5
22,048.0	88.39	0.26	12,228.6	9,784.6	-402.0	2.71	-1.59	2.20	26.3	18.0
22,144.0	90.90	1.09	12,229.2	9,880.6	-400.9	2.75	2.61	0.86	29.5	16.1
22,240.0	91.14	1.57	12,227.5	9,976.6	-398.6	0.56	0.25	0.50	30.3	13.0
22,336.0	91.17	1.44	12,225.5	10,072.5	-396.1	0.14	0.03	-0.14	30.9	9.6



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #701H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3433.0usft
Site:	Thrasher 33 Fed Com	MD Reference:	KB = 25' @ 3433.0usft
Well:	#701H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
22,448.0	91.71	2.40	12,222.7	10,184.4	-392.4	0.98	0.48	0.86	31.1	4.9
Final MWD Survey (MD=22448.0')										
22,508.0	91.71	2.40	12,220.9	10,244.3	-389.8	0.00	0.00	0.00	30.9	1.9
Final Projection to Bit (MD=22508.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,870.0	11,849.5	-125.4	-301.0	KOP, MD:11870.0', TVD:11849.5', N/S:-125.4', E/W:-301.0', INC:3.97
11,970.9	11,947.2	-102.3	-304.3	HL Crossing, MD:11970.9', TVD:11947.2', N/S:-102.3', E/W:-304.3', INC:21.95
22,448.0	12,222.7	10,184.4	-392.4	Final MWD Survey (MD=22448.0')
22,508.0	12,220.9	10,244.3	-389.8	Final Projection to Bit (MD=22508.0')

Checked By: _____ Approved By: _____ Date: _____

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

Kristina Agee 6/28/2021



Lea County, NM (NAD 83 NME)

Thrasher 33 Fed Com #701H

Plan #1

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

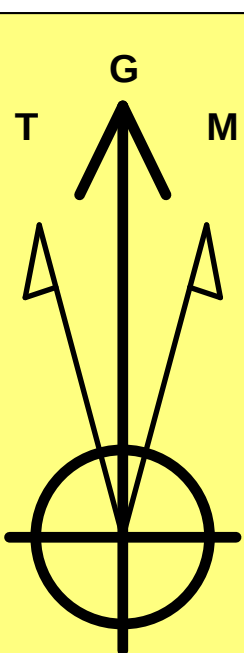
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #701H

KB = 25' @ 3433.0usft
Northing 425654.00 Easting 804962.00 Latitude 32° 10' 2.396 N Longitude 103° 28' 52.902 W

SECTION DETAILS

	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
Sec 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	1700.0	6.00	242.90	1699.4	-7.1	-14.0	2.00	242.90	-6.6	
4	4592.0	6.00	242.90	4575.6	-144.9	-283.0	0.00	0.00	-134.0	
5	4891.9	0.00	0.00	4875.0	-152.0	-297.0	2.00	180.00	-140.7	
6	11949.4	0.00	0.00	11932.5	-152.0	-297.0	0.00	0.00	-140.7	KOP(Thrasher 33 Fed Com #701H)
7	12703.7	90.52	359.50	12409.9	329.7	-301.2	12.00	359.50	340.9	TGT 1(Thrasher 33 Fed Com #701H)
8	14363.6	90.52	359.50	12395.0	1989.5	-315.7	0.00	0.00	2000.0	TGT 2(Thrasher 33 Fed Com #701H)
9	14372.2	90.69	359.50	12394.9	1998.1	-315.8	2.00	0.00	2008.6	TGT 3(Thrasher 33 Fed Com #701H)
10	15364.1	90.69	359.50	12383.0	2989.9	-324.5	0.00	0.00	3000.0	TGT 4(Thrasher 33 Fed Com #701H)
11	15409.3	91.59	359.50	12382.1	3035.0	-324.9	2.00	0.00	3045.2	PBHL(Thrasher 33 Fed Com #701H)
12	18366.5	91.59	359.50	12300.0	5991.0	-350.8	0.00	0.00	6000.0	
13	18374.5	91.43	359.50	12299.8	5999.0	-350.8	2.00	-180.00	6008.0	
14	20368.0	91.43	359.50	12250.0	7991.8	-368.3	0.00	0.00	8000.0	
15	20372.7	91.53	359.50	12249.9	7996.5	-368.3	2.00	0.00	8004.7	
16	22622.1	91.53	359.50	12190.0	10245.0	-388.0	0.00	0.00	10252.3	



Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.19°

Magnetic Field
Strength: 47668.1nT
Dip Angle: 59.99°
Date: 11/7/2019
Model: IGRF2015

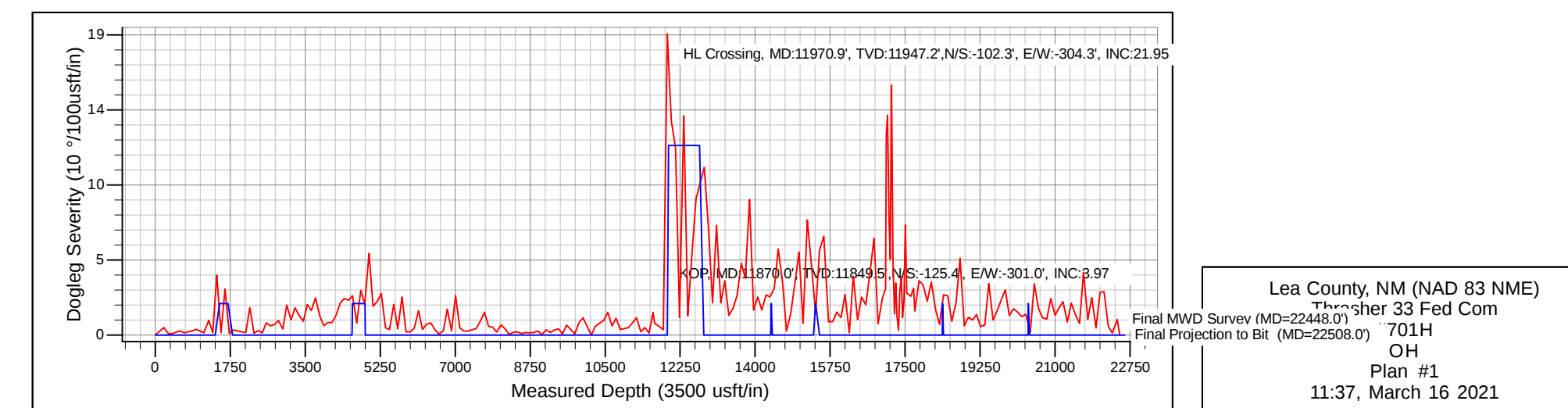
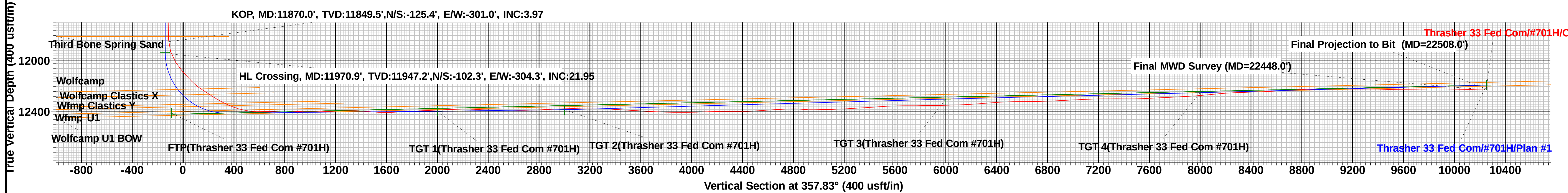
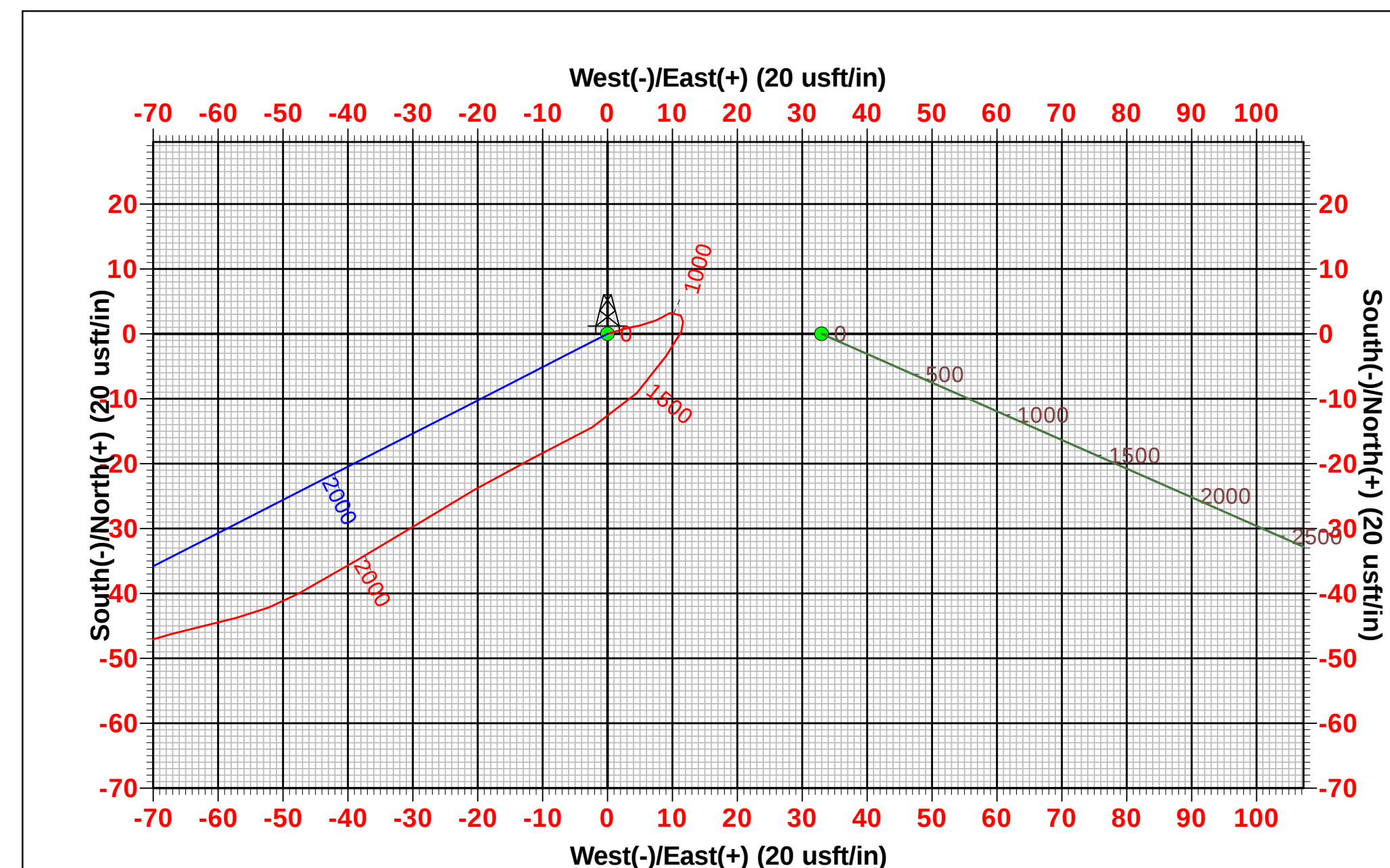
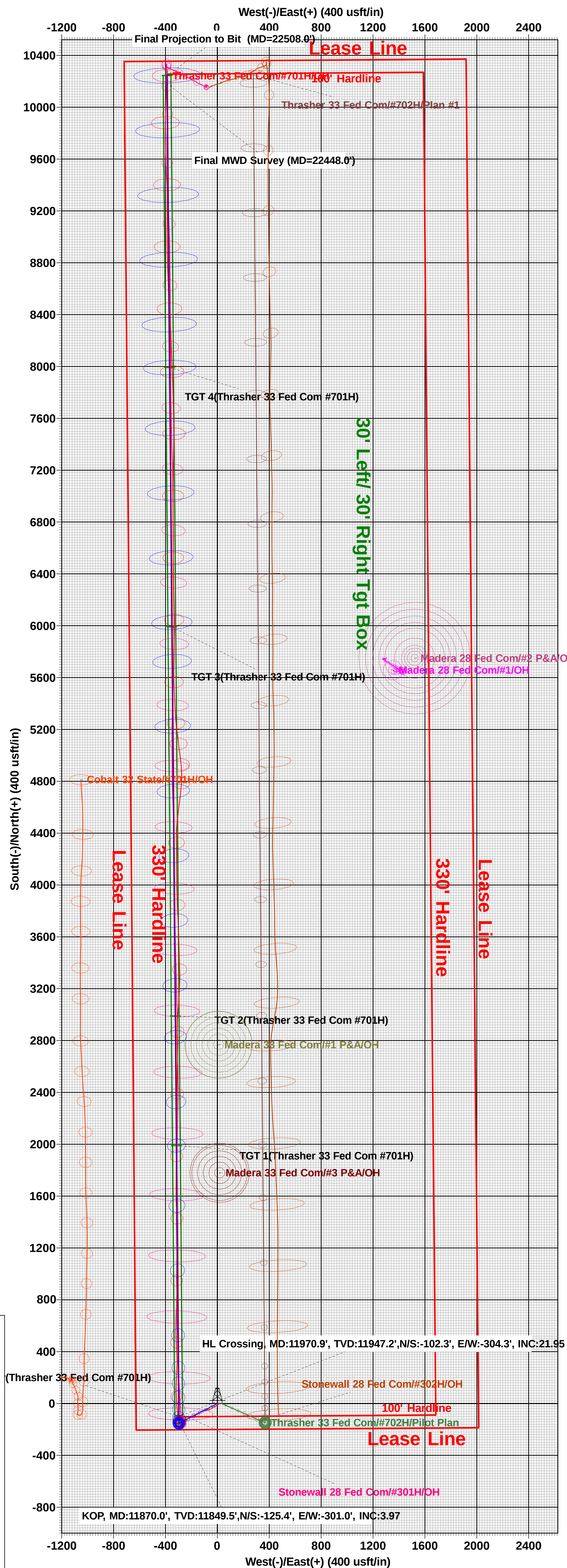
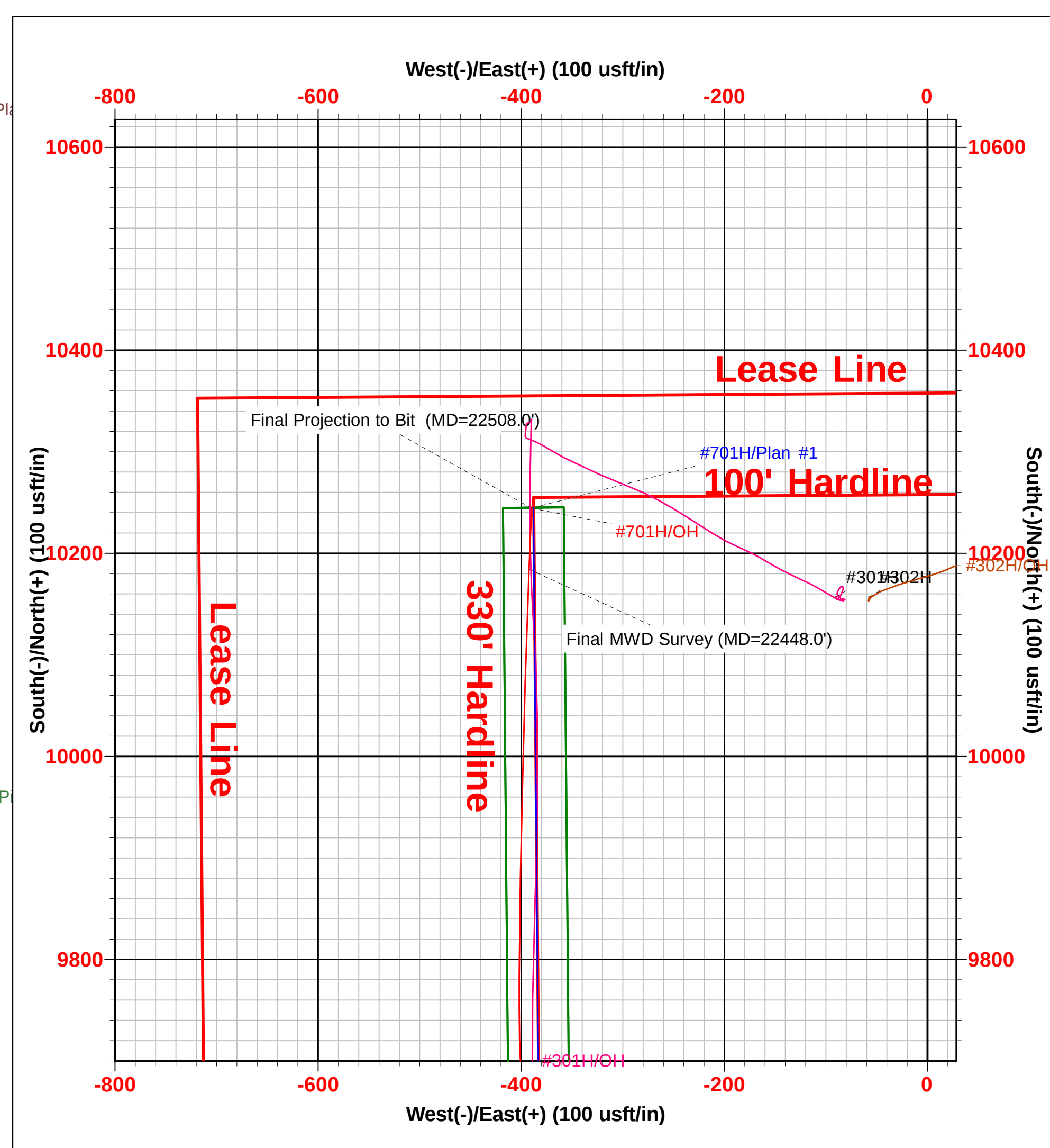
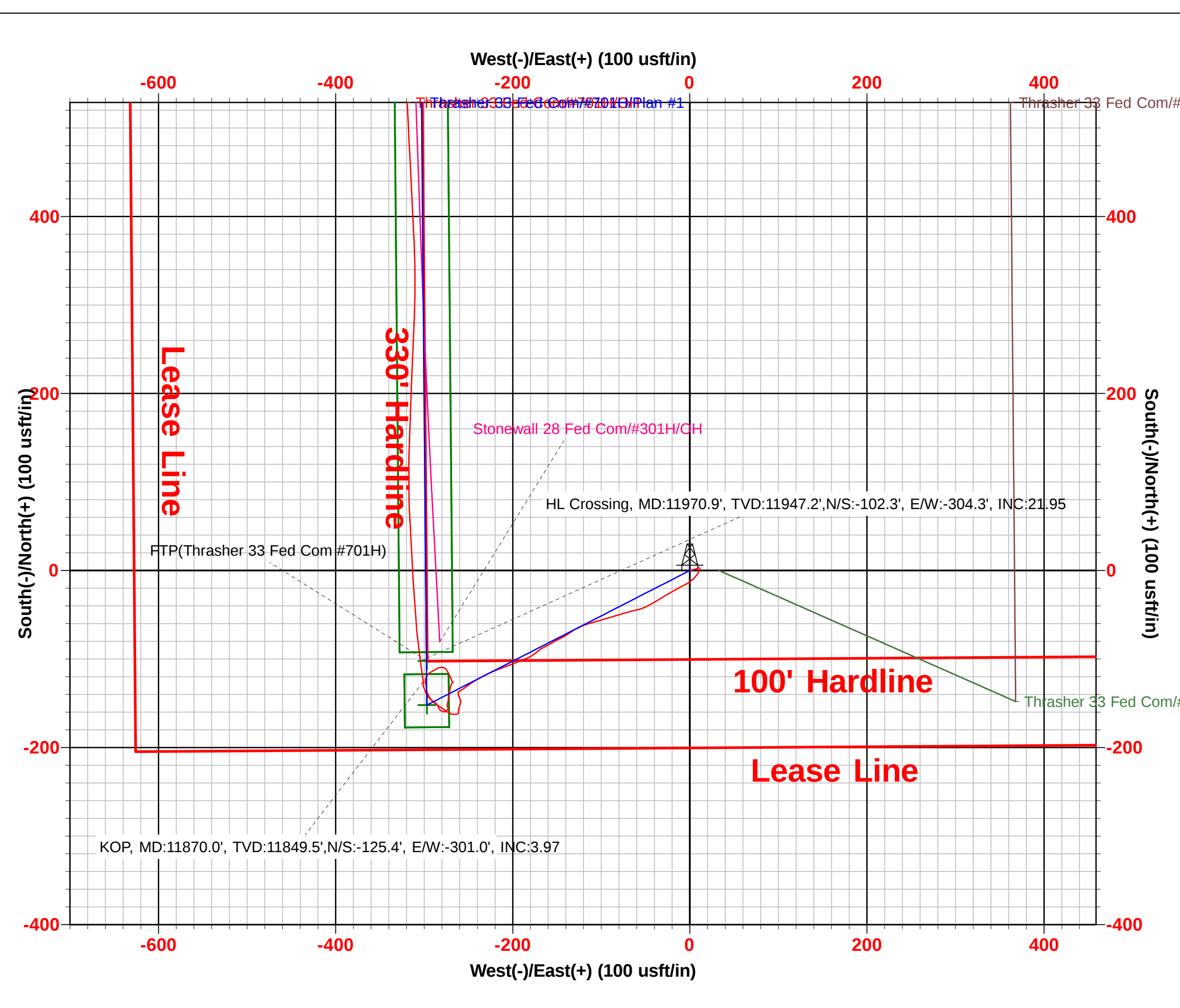
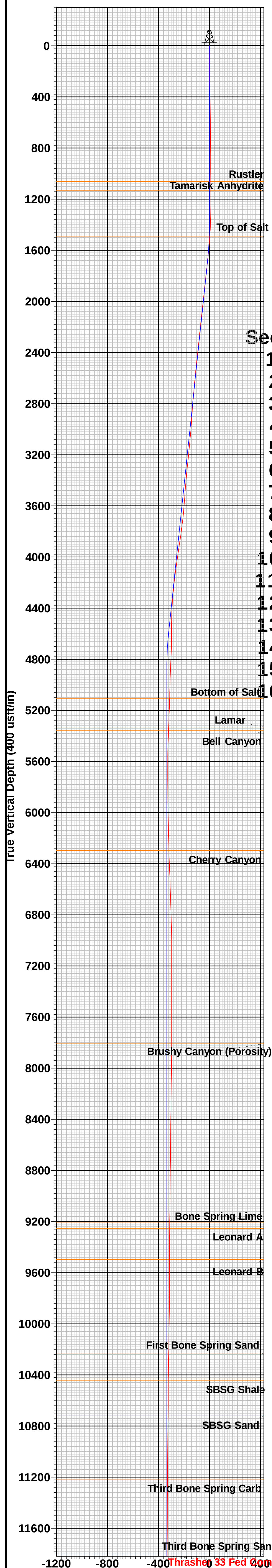
To convert a Magnetic Direction to a Grid Direction, Add 6.19°
To convert a Magnetic Direction to a True Direction, Add 6.65° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Thrasher 33 Fed Com #701H)	11932.5	-152.0	-297.0	425502.00	804665.00
PBHL(Thrasher 33 Fed Com #701H)	12190.0	10245.0	-388.0	435899.00	804574.00
TGT 4(Thrasher 33 Fed Com #701H)	12250.0	7991.8	-368.3	433645.80	804593.72
TGT 3(Thrasher 33 Fed Com #701H)	12300.0	5991.0	-350.8	431645.00	804611.23
TGT 2(Thrasher 33 Fed Com #701H)	12383.0	2989.9	-324.5	428643.90	804637.50
TGT 1(Thrasher 33 Fed Com #701H)	12395.0	1989.5	-315.7	427643.50	804646.26
FTP(Thrasher 33 Fed Com #701H)	12410.0	-102.0	-297.0	425552.00	804665.00



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: THRASHER 33 FED COM	Well Location: T24S / R34E / SEC 33 / SWSW / 32.1673313 / -103.4813631	County or Parish/State: LEA / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120363	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548372	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notification

Type of Submission:	Notification	Type of Action:	First Production				
Date Sundry Submitted:	Jun 28, 2021	Time Sundry Submitted:	1:29:22 PM				
First Production Date:	Jun 15, 2021	<table><tr><th>Wellbore Code</th><th>Completion Code</th></tr><tr><td>00</td><td>X1</td></tr></table>		Wellbore Code	Completion Code	00	X1
Wellbore Code	Completion Code						
00	X1						
US Well Number:	3002548372						
First Production Remarks:	3/1/2021 RIG RELEASED 4/7/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI 5/25/2021 BEGIN PERF AND FRAC 6/10/2021 FINISH 41 STAGES PERF & FRAC, 12,561'-22,477' W/ 3 1/8" 2199 SHOTS, FRAC 24,200,976 LBS PROPPANT + 385,220 BBLS LOAD FLUID 6/12/2021 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE 6/16/2021 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION						
Disposition:	Accepted						
Accepted Date:	06/30/2021						

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 THRASHER 33 FED COM		
								6. Well Number: 701H		
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 WC025 G09 S243336I; UPPER WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	33	24S	34E		200'	SOUTH	627'	WEST	LEA
BH:	D	28	24S	34E		109'	NORTH	327'	WEST	LEA
13. Date Spudded 02/06/2020	14. Date T.D. Reached 02/27/2021		15. Date Rig Released 03/01/2021			16. Date Completed (Ready to Produce) 6/16/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3408GR		
18. Total Measured Depth of Well MD 22,508' TVD 12,220'			19. Plug Back Measured Depth MD 22,477' TVD 12,222'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP - 12,383'-22,615'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		40# J-55		1172'		12 1/4"		635 CL C/CIRC		
7 5/8"		29.7# ICP 110		11,703'		8 3/4"		1905 C/CIRC		
5 1/2"		20# HCP 110		22,491'		6 3/4"		1045 CL H/CIRC		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 12,561'-22,477' 3 1/8", 2199 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,561'-22,477'		FRAC W/24,200,976 lbs proppant, 385,220 bbls load fld		
28. PRODUCTION										
Date First Production 6/16/2021		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 6/19/2021	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 4179	Gas - MCF 7826	Water - Bbl. 9503	Gas - Oil Ratio 1873			
Flow Tubing Press.	Casing Pressure 2277	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 43				
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 Kristina Agee			Printed Name Kristina Agee		Title Senior Regulatory Administrator			Date 6/16/2021		
E-mail Address kristina_agee@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 <u>Rustler 1062'</u>	T. Canyon <u>Brushy 7,809'</u>	T. Ojo Alamo	T. Penn A "
T. Salt <u>1,495'</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>5,106'</u>	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 10,235'	T. Entrada	
T. Wolfcamp 12,224'	T. 2nd BS Sand 10,721'	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 37446

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 37446
	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
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

CONDITIONS

Action 37446

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 37446
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/2/2021