

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 02/20/2021
⁴ API Number 30 - 025-46855	⁵ Pool Name BOBCAT DRAW; UPPER WOLFCAMP	⁶ Pool Code 98094
⁷ Property Code 326767	⁸ Property Name LAKEWOOD 28 FEDERAL COM	⁹ Well Number 714H

II. ¹⁰ Surface Location

Ul or lot no. M	Section 28	Township 25S	Range 34E	Lot Idn	Feet from the 200	North/South Line SOUTH	Feet from the 833	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. D	Section 21	Township 25S	Range 34E	Lot Idn	Feet from the 109	North/South line NORTH	Feet from the 1003	East/West line WEST	County LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	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 09/29/2020	²² Ready Date 02/20/2021	²³ TD 22,646'	²⁴ PBTD 22,596'	²⁵ Perforations 12,785 - 22,596'	²⁶ DHC, MC		
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement	
12 1/4		9 5/8"		1005'		520 SXS CL C/CIRC	
8 3/4"		7 5/8"		11,921'		1421 SXS CL C&H/CIRC TOC 34'	
6 3/4"		5 1/2"		22,612'		815 SXS CL H TOC 8590' CBL	

V. Well Test Data

³¹ Date New Oil 02/20/2021	³² Gas Delivery Date 02/20/2021	³³ Test Date 03/01/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2551
³⁷ Choke Size 52	³⁸ Oil 3325	³⁹ Water 9549	⁴⁰ Gas 5233		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 Approved by: Title: Approval Date:		
Printed name: Kay Maddox					
Title: SENIOR REGULATORY SPECIALIST					
E-mail Address: kay_maddox@eogresources.com					
Date: 03/16/2021		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 30-025-46855	² Pool Code 98094	³ Pool Name BOBCAT DRAW; UPPER WOLFCAMP
⁴ Property Code 326767	⁵ Property Name LAKEWOOD 28 FED COM	⁶ Well Number #714H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3320'

¹⁰Surface Location

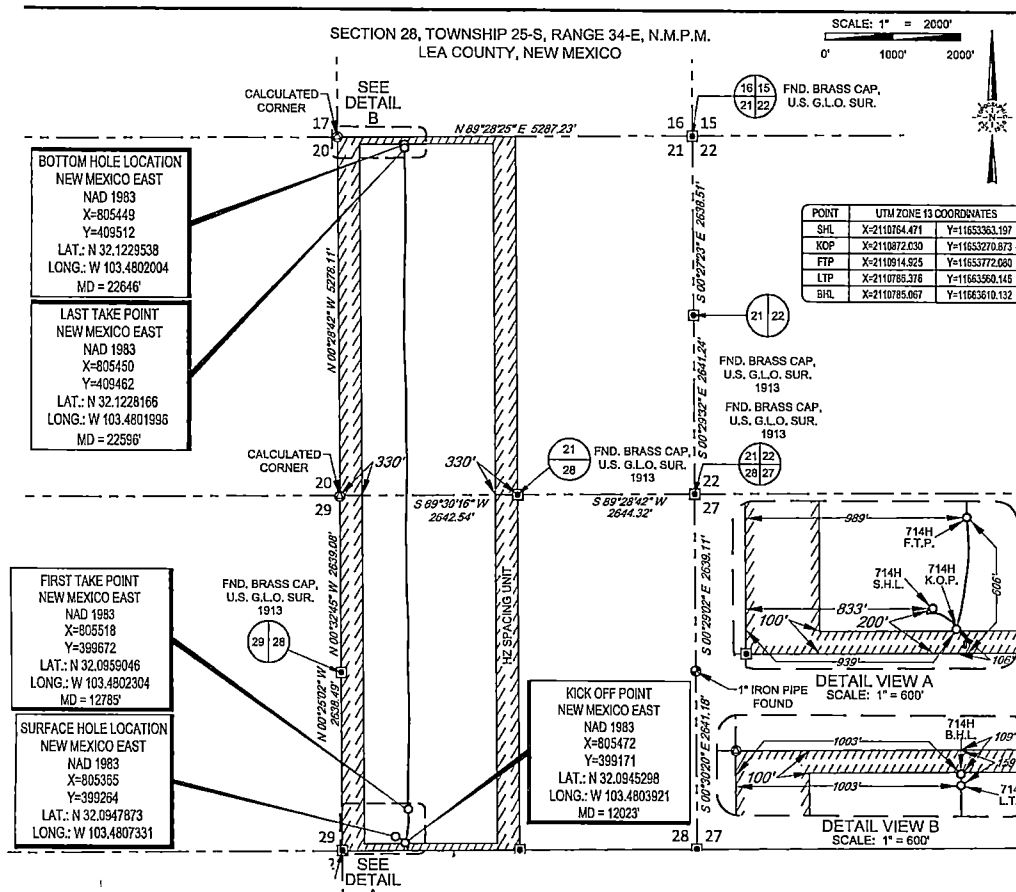
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	28	25-S	34-E	-	200'	SOUTH	833'	WEST	LEA

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	21	25-S	34-E	-	109'	NORTH	1003'	WEST	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.

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 unleased 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.

Kay Maddox 03/12/2021
Signature Date

KAY MADDOX

Printed Name

kay_maddox@eogresources.com

E-mail Address

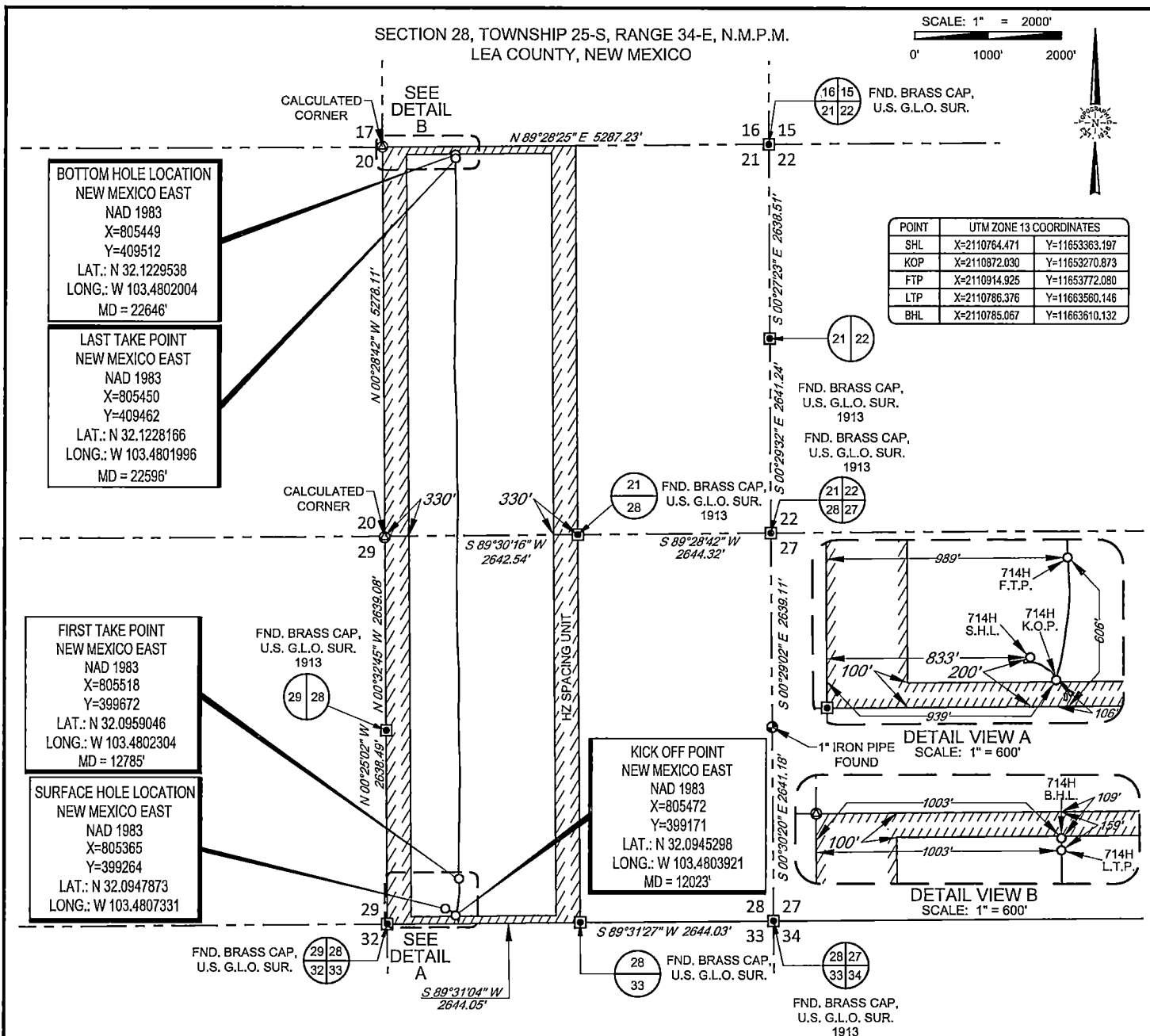
¹⁸SURVEYOR CERTIFICATION

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.

06/07/2018
Date of Survey
Signature and Seal of Professional Surveyor
MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

IOD_28_FED_COM_714H_REV2.DWG 11/15/2018 3:30:08 PM kanthony

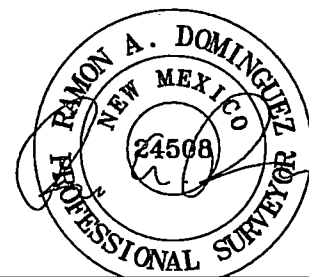


LEASE NAME & WELL NO.: LAKEWOOD 2E FED COM 714H
 SECTION 28 TWP 25-S RGE 34-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3320'
 DESCRIPTION 200' FSL & 833' FWL



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



Ramon A. Dominguez, P.S. No. 24508
 MARCH 15, 2021

LAKEWOOD 2E FED COM
 714H
 AS-COMPLETED

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.

DATE: 03/13/2021

FILE: AD_LAKEWOOD_2E_FED_COM_714H

DRAWN BY: A.V.F.

SHEET: 1 OF 1

S:\SURVEY\EOG_MIDLAND\LAKEWOOD_2E_FED_COM\FINAL_PRODUCTS\AD_LAKEWOOD_2E_FED_COM_714H.DWG 3/16/2021 7:32:12 AM rdominguez



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Lakewood 28 Fed Com

#714H

OH

Design: OH

Final PVA

02 December, 2020



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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		Lakewood 28 Fed Com								
Site Position:		Northing:		399,297.00	usft	Latitude:	32° 5' 41.246 N			
From:	Map	Easting:		809,336.00	usft	Longitude:	103° 28' 4.482 W			
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.46	°

Well		#714H				
Well Position	+N/-S	0.0 usft	Northing:	399,264.00 usft	Latitude:	32° 5' 41.232 N
	+E/-W	0.0 usft	Easting:	805,365.00 usft	Longitude:	103° 28' 50.644 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,320.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/31/2018	6.73	59.94	47,713.42983288

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	0.40

Survey Program		Date	12/2/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
179.0	22,646.0	Scientific MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



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Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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	
179.0	0.62	265.81	179.0	-0.1	-1.0	0.35	0.35	0.00	-1.0	0.0	
317.0	0.70	261.24	317.0	-0.3	-2.5	0.07	0.06	-3.31	-2.6	-0.1	
499.0	1.01	253.24	499.0	-0.9	-5.2	0.18	0.17	-4.40	-5.2	-0.6	
683.0	1.58	250.96	682.9	-2.2	-9.1	0.31	0.31	-1.24	-9.3	-0.9	
871.0	1.27	252.28	870.9	-3.7	-13.6	0.17	-0.16	0.70	-14.0	-0.6	
953.0	1.32	255.18	952.8	-4.2	-15.3	0.10	0.06	3.54	-15.9	0.1	
1,051.0	1.54	240.66	1,050.8	-5.1	-17.6	0.43	0.22	-14.82	-17.8	-4.2	
1,146.0	1.48	238.53	1,145.8	-6.4	-19.7	0.09	-0.06	-2.24	-20.2	-4.9	
1,242.0	1.58	238.76	1,241.7	-7.7	-21.9	0.10	0.10	0.24	-22.7	-4.8	
1,338.0	1.78	242.71	1,337.7	-9.1	-24.4	0.24	0.21	4.11	-25.8	-3.1	
1,434.0	1.76	242.23	1,433.7	-10.5	-27.0	0.03	-0.02	-0.50	-28.8	-3.3	
1,530.0	2.57	166.76	1,529.6	-13.2	-27.8	2.84	0.84	-78.61	-6.5	-30.1	
1,626.0	2.83	162.49	1,625.5	-17.6	-26.6	0.34	0.27	-4.45	-8.8	-30.7	
1,721.0	1.49	161.80	1,720.4	-21.0	-25.5	1.41	-1.41	-0.73	-12.0	-30.8	
1,817.0	0.37	75.08	1,816.4	-22.1	-24.8	1.58	-1.17	-90.33	29.7	-15.0	
1,913.0	0.68	89.05	1,912.4	-22.0	-24.0	0.35	0.32	14.55	24.3	-21.6	
2,009.0	0.82	77.56	2,008.4	-21.9	-22.7	0.21	0.15	-11.97	26.9	-16.5	
2,105.0	0.94	73.35	2,104.4	-21.5	-21.3	0.14	0.12	-4.39	26.6	-14.5	
2,200.0	1.01	80.12	2,199.4	-21.1	-19.7	0.14	0.07	7.13	23.1	-17.4	
2,296.0	1.24	77.41	2,295.4	-20.7	-17.9	0.25	0.24	-2.82	22.0	-16.4	
2,392.0	1.40	79.94	2,391.3	-20.3	-15.7	0.18	0.17	2.64	19.0	-17.3	
2,488.0	2.00	89.47	2,487.3	-20.1	-12.9	0.69	0.62	9.93	13.1	-20.0	
2,584.0	2.67	92.94	2,583.2	-20.2	-9.0	0.71	0.70	3.61	7.9	-20.6	
2,680.0	3.27	92.56	2,679.1	-20.4	-4.0	0.63	0.62	-0.40	3.1	-20.6	
2,776.0	4.07	91.71	2,774.9	-20.7	2.1	0.84	0.83	-0.89	-2.7	-20.6	
2,868.0	5.09	94.36	2,866.6	-21.1	9.5	1.13	1.11	2.88	-11.0	-20.3	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)	
2,967.0	5.35	96.43	2,965.2	-21.9	18.4	0.32	0.26	2.09	-20.7	-19.8	
3,063.0	5.52	114.77	3,060.8	-24.4	27.1	1.81	0.18	19.10	-34.2	-10.6	
3,159.0	6.35	108.87	3,156.2	-28.0	36.3	1.07	0.86	-6.15	-39.5	-13.0	
3,255.0	6.15	113.32	3,251.7	-31.8	46.0	0.55	-0.21	4.64	-44.3	-7.0	
3,351.0	7.28	128.26	3,347.0	-37.6	55.5	2.16	1.18	15.56	-46.0	6.8	
3,447.0	7.77	123.60	3,442.2	-44.9	65.7	0.81	0.51	-4.85	-49.1	4.2	
3,543.0	7.61	116.45	3,537.3	-51.3	76.8	1.01	-0.17	-7.45	-52.4	0.2	
3,639.0	4.44	121.88	3,632.8	-56.1	85.7	3.35	-3.30	5.66	-52.4	7.7	
3,735.0	3.45	151.51	3,728.6	-60.6	90.2	2.32	-1.03	30.86	-38.4	31.3	
3,831.0	3.28	153.45	3,824.4	-65.6	92.8	0.21	-0.18	2.02	-33.5	29.2	
3,926.0	3.45	161.20	3,919.2	-70.8	94.9	0.51	0.18	8.16	-26.1	29.1	
4,022.0	3.80	146.16	4,015.0	-76.1	97.6	1.05	0.36	-15.67	-28.9	18.4	
4,118.0	4.92	120.22	4,110.8	-80.9	103.0	2.33	1.17	-27.02	-31.2	4.9	
4,214.0	5.21	117.90	4,206.4	-85.0	110.4	0.37	0.30	-2.42	-30.2	6.1	
4,310.0	4.18	129.23	4,302.1	-89.2	116.9	1.44	-1.07	11.80	-26.2	13.5	
4,406.0	3.52	147.76	4,397.9	-93.9	121.2	1.46	-0.69	19.30	-17.1	19.7	
4,502.0	4.01	143.60	4,493.7	-99.1	124.8	0.58	0.51	-4.33	-14.9	16.4	
4,598.0	5.54	135.24	4,589.3	-105.1	130.0	1.75	1.59	-8.71	-15.0	13.3	
4,694.0	6.78	129.92	4,684.8	-112.0	137.6	1.42	1.29	-5.54	-16.5	12.0	
4,790.0	5.89	139.00	4,780.2	-119.4	145.2	1.39	-0.93	9.46	-14.9	14.3	
4,886.0	6.40	140.37	4,875.6	-127.2	151.9	0.55	0.53	1.43	-14.9	13.5	
4,982.0	4.85	147.88	4,971.2	-134.8	157.4	1.78	-1.61	7.82	-12.7	13.6	
5,078.0	2.54	173.40	5,067.0	-140.3	159.8	2.90	-2.41	26.58	-3.7	13.0	
5,174.0	1.50	202.41	5,162.9	-143.6	159.6	1.49	-1.08	30.22	3.0	6.3	
5,270.0	0.34	275.99	5,258.9	-144.8	158.8	1.50	-1.21	76.65	2.0	-3.1	
5,365.0	0.74	359.61	5,353.9	-144.1	158.6	0.82	0.42	88.02	-4.9	-0.6	
5,461.0	0.77	17.11	5,449.9	-142.9	158.7	0.24	0.03	18.23	-6.1	1.1	



EOG Resources

Final PVA

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Well:	#714H	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)
5,557.0	0.79	357.31	5,545.9	-141.6	158.9	0.28	0.02	-20.62	-7.4	-1.3
5,653.0	0.96	358.43	5,641.9	-140.1	158.9	0.18	0.18	1.17	-8.8	-1.1
5,748.0	0.90	346.52	5,736.9	-138.6	158.7	0.21	-0.06	-12.54	-10.0	-3.1
5,844.0	0.53	253.76	5,832.9	-138.0	158.1	1.11	-0.39	-96.62	3.1	-10.5
5,940.0	0.57	246.54	5,928.8	-138.3	157.2	0.08	0.04	-7.52	3.5	-10.1
6,036.0	0.46	263.78	6,024.8	-138.5	156.4	0.20	-0.11	17.96	-0.5	-10.6
6,132.0	0.54	267.32	6,120.8	-138.6	155.5	0.09	0.08	3.69	-2.0	-10.5
6,228.0	0.66	250.55	6,216.8	-138.8	154.6	0.22	0.12	-17.47	0.1	-10.7
6,324.0	0.48	266.77	6,312.8	-139.0	153.6	0.25	-0.19	16.90	-3.8	-10.2
6,420.0	0.30	251.32	6,408.8	-139.1	153.0	0.22	-0.19	-16.09	-1.6	-11.0
6,515.0	0.37	269.24	6,503.8	-139.2	152.5	0.13	0.07	18.86	-5.4	-9.9
6,611.0	0.50	265.34	6,599.8	-139.2	151.7	0.14	0.14	-4.06	-5.5	-10.2
6,707.0	0.64	252.55	6,695.8	-139.4	150.8	0.20	0.15	-13.32	-4.0	-11.3
6,803.0	0.52	250.47	6,791.8	-139.7	149.9	0.13	-0.12	-2.17	-4.6	-11.4
6,899.0	0.67	252.79	6,887.8	-140.1	148.9	0.16	0.16	2.42	-6.0	-11.2
6,995.0	0.57	235.23	6,983.8	-140.5	148.0	0.22	-0.10	-18.29	-3.4	-12.7
7,091.0	0.66	247.39	7,079.8	-141.0	147.1	0.16	0.09	12.67	-7.0	-11.6
7,187.0	0.55	248.39	7,175.8	-141.4	146.2	0.12	-0.11	1.04	-8.2	-11.5
7,282.0	0.83	129.05	7,270.8	-142.0	146.3	1.26	0.29	-125.62	13.5	-1.9
7,378.0	0.62	151.85	7,366.8	-142.9	147.1	0.37	-0.22	23.75	10.6	-6.8
7,474.0	1.04	160.36	7,462.8	-144.1	147.6	0.45	0.44	8.86	8.1	-8.2
7,570.0	1.36	158.43	7,558.7	-146.0	148.3	0.34	0.33	-2.01	6.3	-7.9
7,666.0	1.28	174.81	7,654.7	-148.1	148.8	0.40	-0.08	17.06	1.7	-9.1
7,762.0	1.67	176.58	7,750.7	-150.6	149.0	0.41	0.41	1.84	-1.1	-9.1
7,857.0	1.64	174.70	7,845.7	-153.3	149.2	0.07	-0.03	-1.98	-3.5	-9.2
7,953.0	1.77	174.50	7,941.6	-156.2	149.5	0.14	0.14	-0.21	-6.3	-9.2
8,049.0	1.99	174.79	8,037.6	-159.3	149.8	0.23	0.23	0.30	-9.5	-9.1



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)	
8,145.0	2.12	192.36	8,133.5	-162.7	149.5	0.67	0.14	18.30	-15.2	-5.3	
8,241.0	2.16	194.96	8,229.4	-166.2	148.7	0.11	0.04	2.71	-19.0	-4.6	
8,337.0	1.90	191.66	8,325.4	-169.5	147.9	0.30	-0.27	-3.44	-22.1	-5.7	
8,433.0	1.55	188.35	8,421.3	-172.4	147.4	0.38	-0.36	-3.45	-24.6	-7.1	
8,529.0	0.78	213.25	8,517.3	-174.2	146.9	0.94	-0.80	25.94	-27.2	4.5	
8,624.0	1.43	311.20	8,612.3	-173.9	145.6	1.81	0.68	103.11	7.1	26.9	
8,720.0	1.64	305.70	8,708.3	-172.4	143.6	0.27	0.22	-5.73	1.9	27.4	
8,816.0	1.31	303.65	8,804.2	-170.9	141.6	0.35	-0.34	-2.14	-1.5	27.4	
8,912.0	0.57	287.52	8,900.2	-170.2	140.2	0.81	-0.77	-16.80	-10.6	25.6	
9,007.0	0.52	253.04	8,995.2	-170.2	139.3	0.34	-0.05	-36.29	-24.0	14.8	
9,103.0	0.55	234.73	9,091.2	-170.6	138.5	0.18	0.03	-19.07	-28.3	6.4	
9,199.0	0.50	198.05	9,187.2	-171.2	138.0	0.35	-0.05	-38.21	-27.3	-12.1	
9,295.0	0.60	198.48	9,283.2	-172.1	137.7	0.10	0.10	0.45	-28.3	-11.9	
9,391.0	0.34	209.56	9,379.2	-172.8	137.4	0.29	-0.27	11.54	-30.9	-6.1	
9,487.0	0.82	358.13	9,475.2	-172.4	137.3	1.17	0.50	154.76	22.7	21.5	
9,583.0	1.29	4.69	9,571.2	-170.6	137.3	0.50	0.49	6.83	23.2	18.8	
9,679.0	1.18	28.30	9,667.2	-168.7	137.9	0.54	-0.11	24.59	26.9	8.4	
9,775.0	1.49	24.96	9,763.1	-166.7	138.9	0.33	0.32	-3.48	24.1	9.9	
9,870.0	1.05	9.83	9,858.1	-164.7	139.6	0.58	-0.46	-15.93	18.6	15.5	
9,966.0	1.19	1.83	9,954.1	-162.8	139.7	0.22	0.15	-8.33	14.4	17.8	
10,062.0	1.65	351.36	10,050.1	-160.5	139.6	0.55	0.48	-10.91	8.6	19.9	
10,157.0	1.23	355.54	10,145.0	-158.1	139.3	0.46	-0.44	4.40	7.6	19.4	
10,253.0	0.92	358.43	10,241.0	-156.3	139.2	0.33	-0.32	3.01	6.8	19.0	
10,349.0	1.78	8.94	10,337.0	-154.1	139.4	0.93	0.90	10.95	7.9	17.6	
10,445.0	2.25	2.39	10,432.9	-150.7	139.7	0.54	0.49	-6.82	2.5	18.2	
10,541.0	2.22	35.16	10,528.9	-147.3	140.9	1.31	-0.03	34.14	8.5	15.0	
10,636.0	3.71	61.42	10,623.7	-144.3	144.6	2.08	1.57	27.64	9.5	10.5	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)
10,733.0	2.55	24.99	10,720.6	-140.9	148.3	2.31	-1.20	-37.56	-3.3	12.2
10,828.0	2.22	2.05	10,815.5	-137.1	149.2	1.05	-0.35	-24.15	-11.6	9.2
10,924.0	2.10	4.22	10,911.4	-133.5	149.4	0.15	-0.12	2.26	-14.8	9.7
11,020.0	2.72	5.04	11,007.4	-129.5	149.8	0.65	0.65	0.85	-18.7	9.9
11,116.0	3.06	357.17	11,103.2	-124.7	149.8	0.54	0.35	-8.20	-24.7	7.0
11,212.0	3.19	336.29	11,199.1	-119.7	148.6	1.19	0.14	-21.75	-30.6	-3.2
11,308.0	3.12	302.85	11,295.0	-115.8	145.4	1.89	-0.07	-34.83	-28.6	-21.1
11,404.0	4.28	311.92	11,390.8	-112.0	140.5	1.35	1.21	9.45	-37.7	-15.9
11,500.0	4.68	321.39	11,486.5	-106.5	135.4	0.87	0.42	9.86	-47.3	-8.9
11,596.0	3.29	292.38	11,582.2	-102.4	130.4	2.51	-1.45	-30.22	-43.2	-32.6
11,692.0	2.83	281.35	11,678.1	-100.9	125.5	0.78	-0.48	-11.49	-41.3	-40.8
11,788.0	3.32	290.20	11,774.0	-99.5	120.6	0.71	0.51	9.22	-52.2	-33.6
11,810.6	3.52	291.11	11,796.5	-99.0	119.3	0.93	0.90	4.01	-54.0	-32.8
HL Crossing, MD:11810.6', TVD:11796.5', N/S:-99.0', E/W:119.3', INC:3.52										
11,872.0	4.08	293.11	11,857.8	-97.5	115.6	0.93	0.91	3.26	-59.2	-30.8
11,963.0	3.86	295.73	11,948.6	-94.9	109.8	0.31	-0.24	2.88	-66.9	-27.9
12,023.0	3.88	304.94	12,008.4	-92.8	106.4	1.04	0.04	15.36	-74.5	-16.5
KOP, MD:12023.0', TVD:12008.4', N/S:-92.8', E/W:106.4', INC:3.88										
12,027.0	3.89	305.55	12,012.4	-92.7	106.1	1.04	0.13	15.17	-74.9	-15.7
12,055.0	4.49	338.48	12,040.3	-91.1	105.0	8.73	2.13	117.76	-73.3	28.2
KOP (LW 28 FC #714H)										
12,075.0	5.57	354.28	12,060.3	-89.4	104.6	8.73	5.41	78.85	-64.4	47.3
12,122.0	13.47	17.96	12,106.6	-81.9	106.0	18.42	16.81	50.38	-44.5	68.9
12,169.0	23.48	16.89	12,151.1	-67.7	110.5	21.31	21.30	-2.28	-53.6	65.6
12,219.0	32.63	16.96	12,195.2	-45.2	117.3	18.30	18.30	0.14	-65.8	61.7
12,266.0	42.13	13.55	12,232.5	-17.7	124.7	20.68	20.21	-7.26	-83.3	53.8
12,315.0	47.10	8.50	12,267.4	16.0	131.2	12.45	10.14	-10.31	-103.9	41.7



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)	
12,363.0	49.85	9.73	12,299.2	51.5	136.9	6.04	5.73	2.56	-118.3	38.2	
12,411.0	53.10	7.26	12,329.1	88.6	142.4	7.88	6.77	-5.15	-132.0	27.9	
12,432.4	53.99	8.06	12,341.8	105.7	144.7	5.15	4.18	3.75	-136.4	26.5	
FTP (LW 28 FC #714H)											
12,458.0	55.07	9.00	12,356.7	126.3	147.8	5.15	4.20	3.66	-140.9	24.3	
12,506.0	57.20	7.73	12,383.4	165.8	153.6	4.95	4.44	-2.65	-147.4	14.6	
12,554.0	57.90	6.04	12,409.2	206.0	158.5	3.31	1.46	-3.52	-149.3	5.3	
12,602.0	59.40	0.89	12,434.2	246.9	160.9	9.68	3.12	-10.73	-146.3	-4.8	
12,650.0	59.93	356.40	12,458.4	288.3	160.0	8.15	1.10	-9.35	-138.7	-8.1	
12,698.0	61.97	356.28	12,481.7	330.1	157.3	4.26	4.25	-0.25	-127.2	-5.0	
12,748.0	61.66	356.33	12,505.3	374.1	154.4	0.63	-0.62	0.10	-110.9	-1.6	
12,794.0	66.49	357.02	12,525.4	415.4	152.0	10.59	10.50	1.50	-93.4	1.3	
12,890.0	67.99	357.85	12,562.6	503.8	148.1	1.75	1.56	0.86	-55.4	4.9	
12,986.0	76.39	358.86	12,591.9	595.1	145.5	8.81	8.75	1.05	-24.9	6.5	
13,082.0	83.38	0.48	12,608.8	689.6	145.0	7.47	7.28	1.69	-6.8	6.1	
13,177.0	89.33	1.19	12,614.8	784.3	146.3	6.31	6.26	0.75	0.4	3.9	
13,273.0	90.17	0.23	12,615.2	880.3	147.5	1.33	0.87	-1.00	2.0	1.9	
13,369.0	89.73	1.96	12,615.3	976.3	149.4	1.86	-0.46	1.80	3.3	-0.8	
13,465.0	90.50	1.32	12,615.1	1,072.2	152.1	1.04	0.80	-0.67	4.4	-4.3	
13,561.0	89.19	0.72	12,615.4	1,168.2	153.8	1.50	-1.36	-0.62	5.8	-6.8	
13,602.6	89.58	0.99	12,615.8	1,209.8	154.4	1.15	0.95	0.66	6.8	-7.8	
TGT 1 (LW 28 FC #714H)											
13,657.0	90.10	1.35	12,616.0	1,264.2	155.5	1.15	0.95	0.66	7.5	-9.4	
13,753.0	88.93	0.26	12,616.8	1,360.2	156.9	1.67	-1.22	-1.14	9.3	-11.5	
13,848.0	89.26	0.57	12,618.3	1,455.2	157.6	0.48	0.35	0.33	11.7	-13.0	
13,944.0	89.66	1.36	12,619.2	1,551.2	159.2	0.92	0.42	0.82	13.5	-15.4	
14,040.0	92.22	0.49	12,617.6	1,647.1	160.8	2.82	2.67	-0.91	12.9	-17.8	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)
14,136.0	91.95	359.95	12,614.1	1,743.1	161.1	0.63	-0.28	-0.56	10.3	-18.9
14,231.0	89.36	359.90	12,613.0	1,838.0	161.0	2.73	-2.73	-0.05	10.2	-19.6
14,327.0	89.33	359.51	12,614.1	1,934.0	160.5	0.41	-0.03	-0.41	12.2	-19.9
14,423.0	89.19	358.48	12,615.4	2,030.0	158.8	1.08	-0.15	-1.07	14.4	-19.0
14,519.0	89.09	358.61	12,616.8	2,126.0	156.4	0.17	-0.10	0.14	16.8	-17.4
14,615.0	91.41	357.12	12,616.4	2,221.9	152.8	2.87	2.42	-1.55	17.3	-14.6
14,711.0	91.75	357.86	12,613.8	2,317.8	148.6	0.85	0.35	0.77	15.5	-11.2
14,807.0	92.35	358.16	12,610.3	2,413.6	145.3	0.70	0.62	0.31	13.0	-8.7
14,902.0	90.80	358.90	12,607.7	2,508.6	142.8	1.81	-1.63	0.78	11.4	-7.0
14,997.0	90.13	358.49	12,606.9	2,603.5	140.7	0.83	-0.71	-0.43	11.5	-5.7
15,093.0	91.94	359.04	12,605.2	2,699.5	138.6	1.97	1.89	0.57	10.7	-4.4
15,189.0	89.56	2.45	12,603.9	2,795.5	139.8	4.33	-2.48	3.55	10.4	-6.5
15,283.0	90.34	1.68	12,604.0	2,889.4	143.2	1.17	0.83	-0.82	11.4	-10.6
15,378.0	88.45	1.12	12,605.0	2,984.4	145.6	2.07	-1.99	-0.59	13.3	-13.8
15,474.0	88.42	1.66	12,607.7	3,080.3	147.9	0.56	-0.03	0.56	16.9	-16.9
15,570.0	87.27	359.54	12,611.3	3,176.2	148.9	2.51	-1.20	-2.21	21.4	-18.7
15,655.7	88.72	356.57	12,614.3	3,261.8	146.0	3.86	1.69	-3.47	25.3	-16.5
TGT 2 (LW 28 FC #714H)										
15,666.0	88.89	356.21	12,614.5	3,272.1	145.3	3.86	1.69	-3.47	25.6	-15.9
15,761.0	91.51	356.40	12,614.1	3,366.9	139.2	2.77	2.76	0.20	26.1	-10.6
15,857.0	92.22	356.46	12,611.0	3,462.6	133.2	0.74	0.74	0.06	23.9	-5.4
15,953.0	92.22	358.41	12,607.3	3,558.5	128.9	2.03	0.00	2.03	21.1	-1.9
16,049.0	91.74	358.06	12,604.0	3,654.4	126.0	0.62	-0.50	-0.36	18.7	0.2
16,145.0	90.64	358.65	12,602.0	3,750.3	123.2	1.30	-1.15	0.61	17.7	2.2
16,241.0	89.40	358.23	12,602.0	3,846.3	120.6	1.36	-1.29	-0.44	18.5	4.0
16,337.0	91.14	358.48	12,601.5	3,942.2	117.9	1.83	1.81	0.26	19.0	5.9
16,433.0	90.50	0.57	12,600.1	4,038.2	117.1	2.28	-0.67	2.18	18.5	5.9



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)
16,529.0	89.23	0.99	12,600.4	4,134.2	118.4	1.39	-1.32	0.44	19.7	3.8
16,625.0	88.72	359.79	12,602.1	4,230.2	119.0	1.36	-0.53	-1.25	22.3	2.4
16,721.0	89.36	358.42	12,603.7	4,326.1	117.5	1.57	0.67	-1.43	24.8	3.1
16,816.0	90.98	357.82	12,603.4	4,421.1	114.4	1.82	1.71	-0.63	25.5	5.4
16,912.0	91.24	358.98	12,601.5	4,517.0	111.7	1.24	0.27	1.21	24.5	7.3
17,008.0	90.50	0.93	12,600.1	4,613.0	111.7	2.17	-0.77	2.03	24.0	6.5
17,104.0	88.73	1.39	12,600.7	4,709.0	113.6	1.90	-1.84	0.48	25.5	3.8
17,200.0	89.56	2.03	12,602.2	4,804.9	116.5	1.09	0.86	0.67	27.9	0.1
17,296.0	88.28	0.46	12,604.0	4,900.9	118.6	2.11	-1.33	-1.64	30.6	-2.8
17,392.0	88.96	0.65	12,606.3	4,996.9	119.5	0.74	0.71	0.20	33.9	-4.5
17,488.0	91.34	0.87	12,606.0	5,092.8	120.8	2.49	2.48	0.23	34.5	-6.6
17,583.0	92.61	0.85	12,602.8	5,187.8	122.2	1.34	1.34	-0.02	32.2	-8.8
17,679.0	91.71	0.86	12,599.1	5,283.7	123.6	0.94	-0.94	0.01	29.4	-11.0
17,752.3	91.07	0.05	12,597.4	5,357.0	124.2	1.41	-0.87	-1.10	28.4	-12.2
TGT 3 (LW 28 FC #714H)										
17,775.0	90.87	359.80	12,597.0	5,379.7	124.2	1.41	-0.88	-1.10	28.2	-12.4
17,871.0	89.90	0.25	12,596.3	5,475.7	124.2	1.11	-1.01	0.47	28.3	-13.2
17,987.0	91.38	0.99	12,595.0	5,591.6	125.5	1.43	1.28	0.64	27.9	-15.4
18,083.0	88.99	357.48	12,594.7	5,687.6	124.2	4.42	-2.49	-3.66	28.3	-15.0
18,179.0	88.46	356.62	12,596.9	5,783.5	119.2	1.05	-0.55	-0.90	31.2	-10.8
18,275.0	88.25	356.06	12,599.6	5,879.2	113.1	0.62	-0.22	-0.58	34.7	-5.5
18,371.0	91.81	0.37	12,599.6	5,975.1	110.1	5.82	3.71	4.49	35.4	-3.3
18,467.0	90.13	0.38	12,597.9	6,071.1	110.8	1.75	-1.75	0.01	34.5	-4.7
18,563.0	89.03	0.08	12,598.7	6,167.1	111.1	1.19	-1.15	-0.31	36.0	-5.9
18,659.0	87.82	358.81	12,601.3	6,263.1	110.2	1.83	-1.26	-1.32	39.4	-5.8
18,755.0	92.31	0.95	12,601.2	6,359.0	110.0	5.18	4.68	2.23	40.0	-6.4
18,851.0	93.26	0.72	12,596.5	6,454.9	111.4	1.02	0.99	-0.24	36.1	-8.6



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)
18,947.0	92.51	0.10	12,591.7	6,550.8	112.1	1.01	-0.78	-0.65	32.0	-10.1
19,043.0	91.81	358.52	12,588.1	6,646.7	110.9	1.80	-0.73	-1.65	29.1	-9.7
19,139.0	92.62	357.39	12,584.4	6,742.6	107.5	1.45	0.84	-1.18	26.2	-7.1
19,235.0	90.81	356.97	12,581.5	6,838.4	102.8	1.94	-1.89	-0.44	24.0	-3.2
19,330.0	91.54	357.44	12,579.5	6,933.3	98.2	0.91	0.77	0.49	22.8	0.6
19,426.0	91.51	356.72	12,577.0	7,029.1	93.3	0.75	-0.03	-0.75	21.0	4.7
19,522.0	92.35	356.67	12,573.7	7,124.9	87.7	0.88	0.87	-0.05	18.5	9.4
19,618.0	91.98	358.54	12,570.1	7,220.7	83.7	1.98	-0.39	1.95	15.7	12.7
19,714.0	91.91	357.71	12,566.9	7,316.6	80.6	0.87	-0.07	-0.86	13.2	15.0
19,810.0	90.94	0.64	12,564.5	7,412.6	79.2	3.21	-1.01	3.05	11.5	15.6
19,906.0	89.50	1.04	12,564.1	7,508.6	80.6	1.56	-1.50	0.42	11.9	13.4
20,002.0	88.79	0.73	12,565.5	7,604.5	82.1	0.81	-0.74	-0.32	14.1	11.1
20,098.0	88.49	0.27	12,567.8	7,700.5	82.9	0.57	-0.31	-0.48	17.1	9.5
20,193.0	90.70	0.36	12,568.5	7,795.5	83.5	2.33	2.33	0.09	18.5	8.1
20,289.0	91.11	359.93	12,567.0	7,891.5	83.7	0.62	0.43	-0.45	17.7	7.1
20,319.5	91.31	359.76	12,566.3	7,922.0	83.6	0.87	0.66	-0.57	17.3	6.9
TGT 4 (LW 28 FC #714H)										
20,385.0	91.74	359.38	12,564.6	7,987.5	83.1	0.87	0.66	-0.57	16.0	6.9
20,481.0	92.88	359.70	12,560.7	8,083.4	82.4	1.23	1.19	0.33	12.7	6.8
20,577.0	92.62	0.39	12,556.1	8,179.3	82.4	0.77	-0.27	0.72	8.7	6.0
20,673.0	90.84	0.59	12,553.2	8,275.2	83.3	1.87	-1.85	0.21	6.4	4.3
20,768.0	89.03	2.01	12,553.3	8,370.2	85.4	2.42	-1.91	1.49	7.2	1.4
20,864.0	89.26	1.74	12,554.8	8,466.1	88.5	0.37	0.24	-0.28	9.2	-2.6
20,960.0	89.83	1.65	12,555.5	8,562.1	91.4	0.60	0.59	-0.09	10.6	-6.2
21,055.0	89.23	1.98	12,556.3	8,657.0	94.4	0.72	-0.63	0.35	11.9	-10.0
21,151.0	88.73	1.26	12,558.0	8,753.0	97.1	0.91	-0.52	-0.75	14.3	-13.5
21,247.0	88.83	0.88	12,560.0	8,848.9	98.9	0.41	0.10	-0.40	16.9	-16.1



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	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)	
21,342.0	87.59	0.04	12,563.0	8,943.9	99.7	1.58	-1.31	-0.88	20.5	-17.7	
21,438.0	89.30	359.86	12,565.6	9,039.8	99.6	1.79	1.78	-0.19	23.7	-18.4	
21,533.0	91.78	359.11	12,564.7	9,134.8	98.7	2.73	2.61	-0.79	23.4	-18.3	
21,629.0	92.65	359.75	12,561.0	9,230.7	97.8	1.12	0.91	0.67	20.3	-18.2	
21,725.0	91.54	359.88	12,557.5	9,326.7	97.5	1.16	-1.16	0.14	17.4	-18.7	
21,820.0	90.50	359.89	12,555.8	9,421.7	97.3	1.09	-1.09	0.01	16.3	-19.3	
21,901.2	90.10	359.40	12,555.4	9,502.9	96.8	0.78	-0.49	-0.60	16.4	-19.4	
TGT 5 (LW 28 FC #714H)											
21,916.0	90.03	359.31	12,555.4	9,517.7	96.6	0.78	-0.49	-0.60	16.4	-19.4	
22,012.0	89.73	359.20	12,555.6	9,613.7	95.4	0.33	-0.31	-0.11	16.6	-19.0	
22,108.0	89.66	359.16	12,556.1	9,709.6	94.0	0.08	-0.07	-0.04	17.1	-18.4	
22,203.0	91.04	358.86	12,555.5	9,804.6	92.3	1.49	1.45	-0.32	16.5	-17.5	
22,299.0	91.85	358.47	12,553.1	9,900.6	90.1	0.94	0.84	-0.41	14.1	-16.1	
22,395.0	92.41	358.79	12,549.5	9,996.5	87.8	0.67	0.58	0.33	10.5	-14.6	
22,491.0	92.69	358.92	12,545.2	10,092.4	85.9	0.32	0.29	0.14	6.2	-13.5	
22,582.0	93.76	359.60	12,540.1	10,183.2	84.7	1.39	1.18	0.75	1.1	-13.1	
Final MWD Survey (MD=22582.0')											
22,646.0	93.76	359.60	12,535.9	10,247.1	84.3	0.00	0.00	0.00	-3.1	-13.2	
Final Projection to Bit (MD=22646.0') - PBHL (LW 28 FC #714H)											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,810.6	11,796.5	-99.0	119.3	HL Crossing, MD:11810.6', TVD:11796.5', N/S:-99.0', E/W:119.3', INC:3.52
12,023.0	12,008.4	-92.8	106.4	KOP, MD:12023.0', TVD:12008.4', N/S:-92.8', E/W:106.4', INC:3.88
22,582.0	12,540.1	10,183.2	84.7	Final MWD Survey (MD=22582.0')
22,646.0	12,535.9	10,247.1	84.3	Final Projection to Bit (MD=22646.0')

**EOG Resources**

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #714H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3345.0usft
Site:	Lakewood 28 Fed Com	MD Reference:	KB = 25 @ 3345.0usft
Well:	#714H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Checked By: _____	Approved By: _____	Date: _____
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I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 03/11/2021



Lea County, NM (NAD 83 NME)

Lakewood 28 Fed Com #714H

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: #714H

KB = 25 @ 3345.0usft
Northing 399264.00 Easting 805365.00 Latitude 32° 5' 41.232 N Longitude 103° 28' 50.644 W

SECTION DETAILS

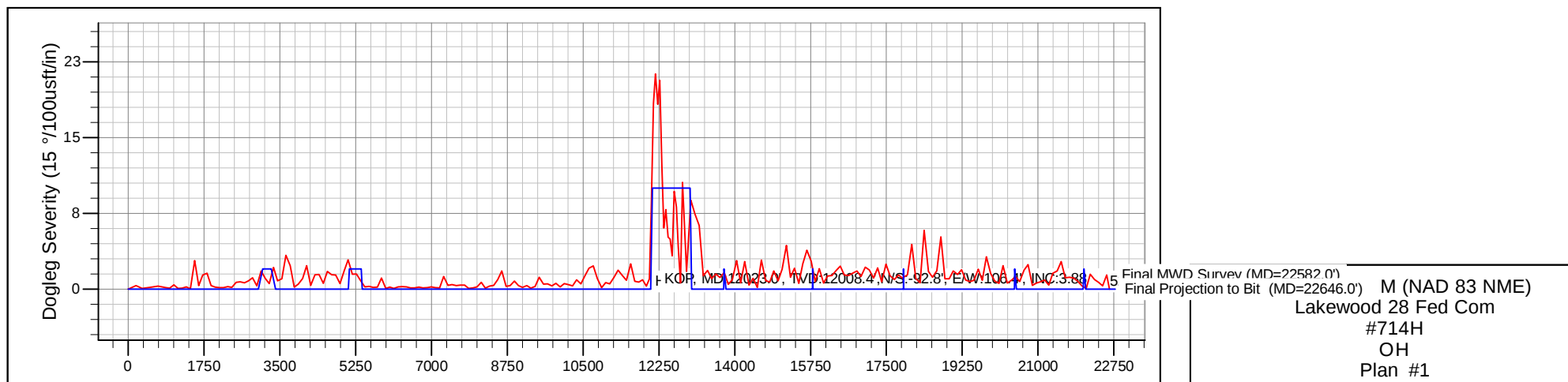
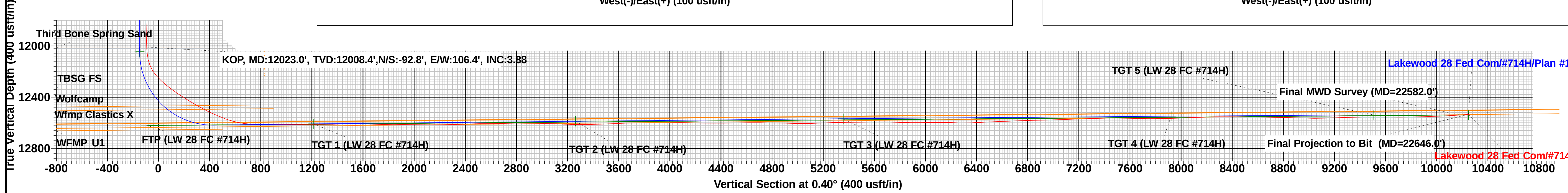
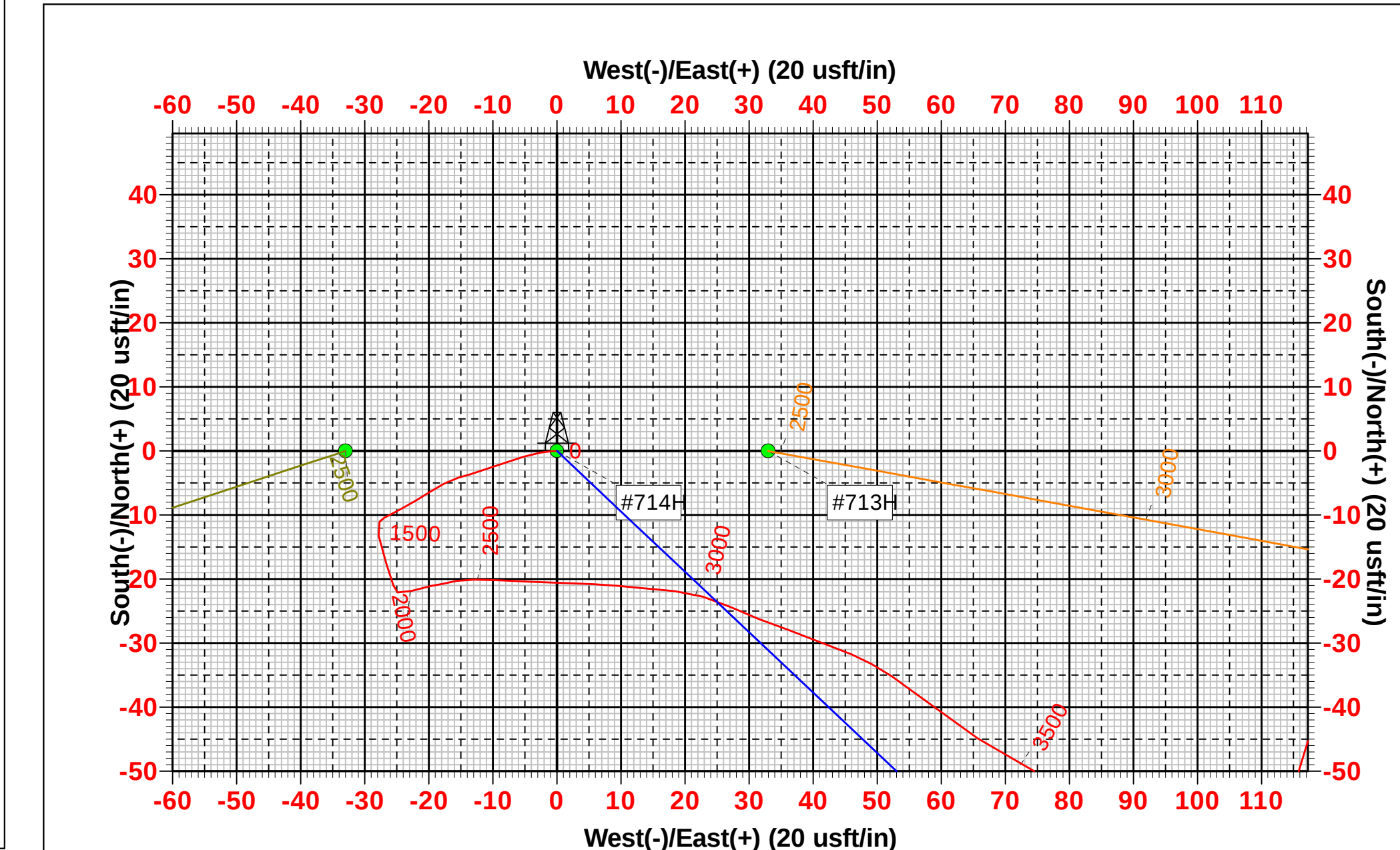
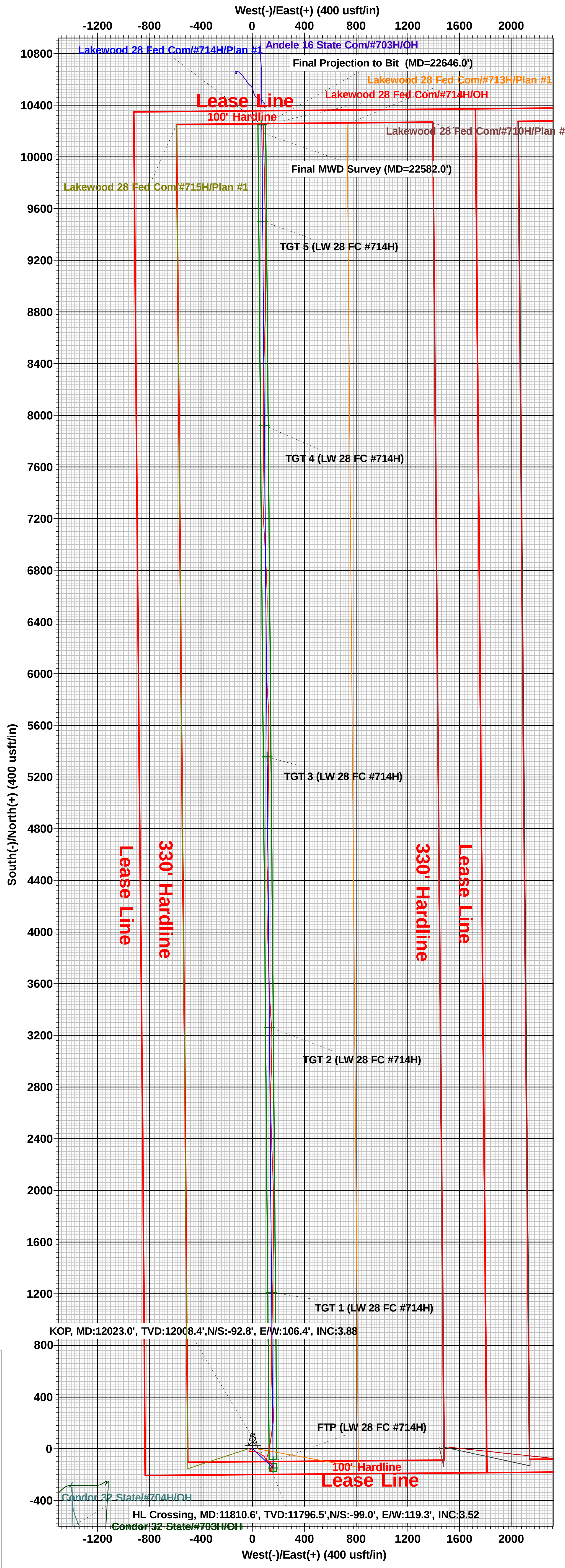
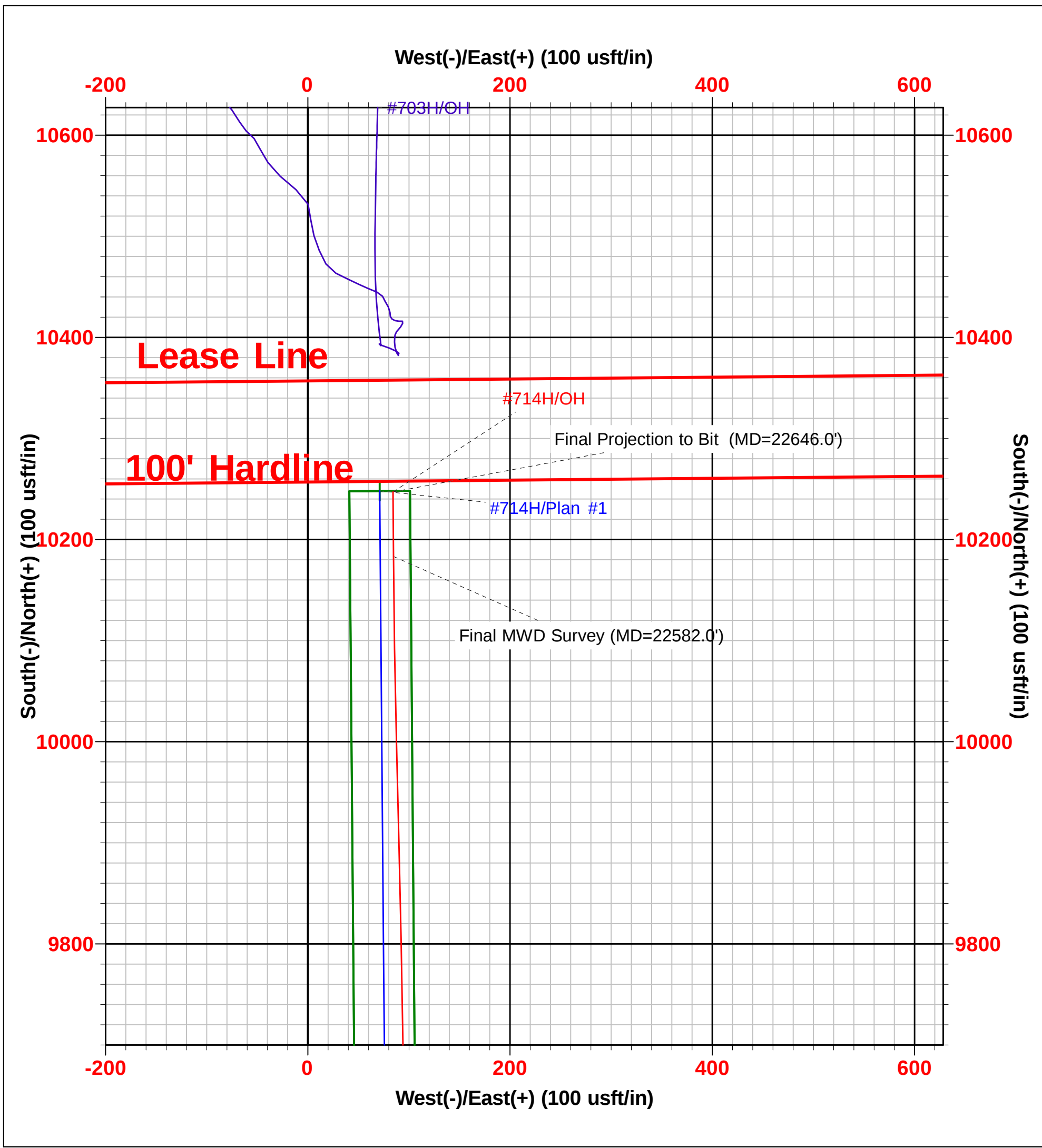
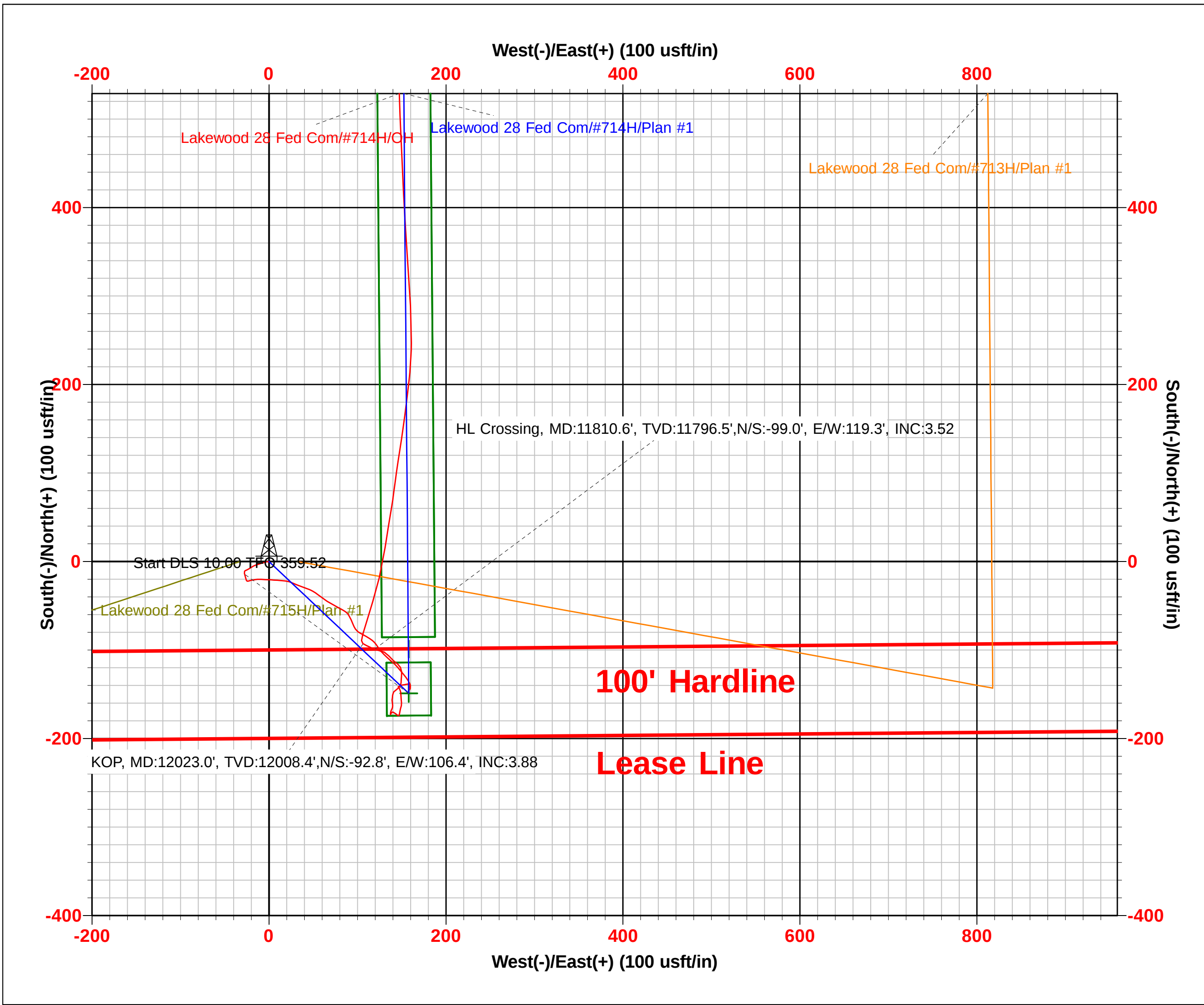
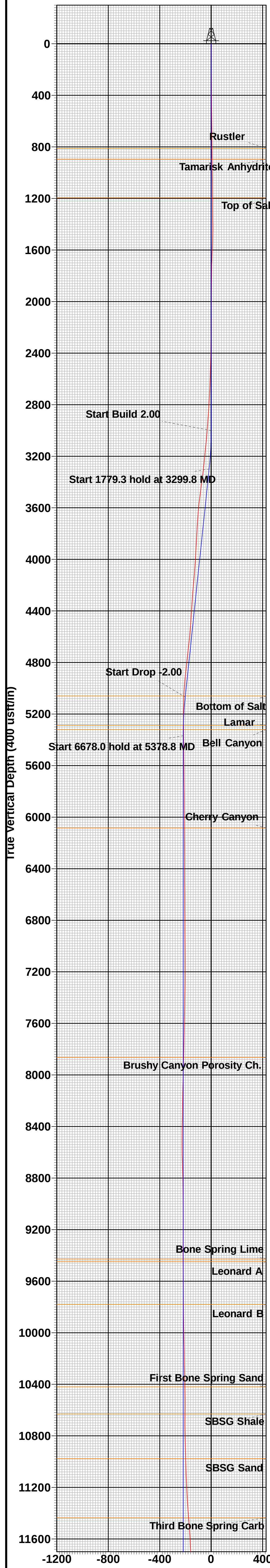
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3299.8	6.00	133.32	3299.2	-10.7	11.4	2.00	133.32	-10.7	
4	5079.1	6.00	133.32	5068.8	-138.3	146.6	0.00	0.00	-137.2	
5	5378.8	0.00	0.00	5368.0	-149.0	158.0	2.00	180.00	-147.9	
6	12056.6	0.00	0.00	12046.0	-149.0	158.0	0.00	0.00	-147.9	KOP (LW 28 FC #714H)
7	12964.1	90.73	359.52	12618.9	431.2	153.2	10.00	359.52	432.3	
8	13743.0	90.73	359.52	12609.0	1210.0	146.6	0.00	0.00	1211.0	TGT 1 (LW 28 FC #714H)
9	13751.5	90.56	359.52	12608.9	1218.6	146.6	2.00	180.00	1219.5	
10	15795.1	90.55	359.52	12589.0	3262.0	129.5	0.00	0.00	3262.8	TGT 2 (LW 28 FC #714H)
11	15795.7	90.55	359.52	12589.0	3262.5	129.5	2.00	-180.00	3263.4	
12	17889.7	90.55	359.52	12569.0	5356.4	112.0	0.00	0.00	5357.0	TGT 3 (LW 28 FC #714H)
13	17894.7	90.45	359.52	12569.0	5361.4	111.9	2.00	-180.00	5362.1	
14	20455.1	90.45	359.52	12549.0	7921.6	90.5	0.00	0.00	7922.0	TGT 4 (LW 28 FC #714H)
15	20459.3	90.36	359.52	12549.0	7925.8	90.5	2.00	180.00	7926.3	
16	22036.3	90.36	359.52	12539.0	9502.7	77.3	0.00	0.00	9503.0	TGT 5 (LW 28 FC #714H)
17	22054.6	90.00	359.52	12539.0	9521.0	77.2	2.00	-180.00	9521.3	
18	22781.6	90.00	359.52	12539.0	10248.0	71.1	0.00	0.00	10248.2	PBHL (LW 28 FC #714H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (LW 28 FC #714H)	12046.0	-149.0	158.0	399115.00	805523.00
PBHL (LW 28 FC #714H)	12539.0	10248.0	71.1	409512.00	805436.10
TGT 5 (LW 28 FC #714H)	12539.0	9502.7	77.3	408766.70	805442.33
TGT 4 (LW 28 FC #714H)	12549.0	7921.6	90.5	407185.60	805455.54
TGT 3 (LW 28 FC #714H)	12569.0	5356.4	112.0	404620.40	805476.98
TGT 2 (LW 28 FC #714H)	12589.0	3262.0	129.5	402526.00	805494.49
TGT 1 (LW 28 FC #714H)	12609.0	1210.0	146.6	400474.00	805511.64
FTP (LW 28 FC #714H)	12619.0	-99.0	158.0	399165.00	805523.00



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

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 LAKESWOOD 28 FEDERAL COM		
								6. Well Number: 714H		
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 BOBCAT DRAW; 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	28	25S	34E		200	SOUTH	833	WEST	LEA
BH:	D	21	25S	34E		109	NORTH	1003'	WEST	LEA
13. Date Spudded 09/29/2020	14. Date T.D. Reached 11/26/2020		15. Date Rig Released 11/29/2020			16. Date Completed (Ready to Produce) 02/20/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3320'GR		
18. Total Measured Depth of Well MD 22,646' TVD 12,535'			19. Plug Back Measured Depth MD 22,596' TVD 12,535'			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 12,785 - 22,596'										
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		1,005'		12 1/4"		520 CL C/CIRC		
7 5/8"		29.7# ECP 110		11,921'		8 3/4"		1421 CL C & H/ TOC		34'
5 1/2"		20# HCP 110		22,612'		6 3/4"		815 CL H TOC 8590'		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) 12,785 - 22,596 3 1/8", 2040 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,785 - 22,596'		FRAC W 24,296,752 lbs proppant, 373,742 bbls load fld		
28. PRODUCTION										
Date First Production 02/20/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 03/01/2021	Hours Tested 24	Choke Size 52	Prod'n For Test Period	Oil - Bbl 3325	Gas - MCF 5233	Water - Bbl. 9549	Gas - Oil Ratio 1574			
Flow Tubing Press.	Casing Pressure 2551	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 43				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing, Gas capture										
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 03/16/2021	
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	811'	T. Canyon	Brushy	7862'
T. Salt		1169'	T. Strawn		
B. Salt		5077'	T. Atoka		
T. Yates			T. Miss		
T. 7 Rivers			T. Devonian		
T. Queen			T. Silurian		
T. Grayburg			T. Montoya		
T. San Andres			T. Simpson		
T. Glorieta			T. McKee		
T. Paddock			T. Ellenburger		
T. Blinebry			T. Gr. Wash		
T. Tubb			T. Delaware Sand		
T. Drinkard			T. Bone Springs		
T. Abo			T. 1st BS Sand	10,422'	
T. Wolfcamp		12,481'	T. 2nd BS Sand	10,981'	
T. Penn			T. 3rd BS Sand	12,030'	
T. Cisco (Bough C)			T.		

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

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 21002

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 21002
	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
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District III

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District IV

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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 21002

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 21002
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	6/14/2021