

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

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 09/07/2022
⁴ API Number 30 - 025-48853	⁵ Pool Name WC025 G08 S253216D; UPPER WOLFCAMP	⁶ Pool Code 98270
⁷ Property Code 330803	⁸ Property Name JEFE 29 FEDERAL COM	⁹ Well Number 711H

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
K	29	25S	32E		2180'	SOUTH	1711'	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
N	32	25S	32E		112'	SOUTH	1685'	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 05/20/2022	²² Ready Date 09/07/2022	²³ TD 19,418'	²⁴ PBTD 19,383'	²⁵ Perforations 12,049 - 19,383'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
13 1/2"		10 3/4"		1209'	660 SXS CL C/CIRC
9 7/8"		8 3/4"		11,247'	1544 SXS CL C&H/CIRC
7 7/8"		6"		20,271' 19392	1270 SXS CL H TOC 5870' CBL

V. Well Test Data

³¹ Date New Oil 09/07/2022	³² Gas Delivery Date 09/07/2022	³³ Test Date 09/18/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2065
³⁷ Choke Size	³⁸ Oil 2800	³⁹ Water 7661	⁴⁰ Gas 4725		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 Printed name: Kay Maddox Title: SENIOR REGULATORY SPECIALIST E-mail Address: kay_maddox@eogresources.com Date: 09/22/2022	Phone: 432-638-8475	OIL CONSERVATION DIVISION Approved by: Title: Approval Date:

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

AS-DRILLED PLAT

¹ API Number 30-025-48853	² Pool Code 98270	³ Pool Name WC025 G08 S253216D; UPPER WOLFCAMP
⁴ Property Code 330803	⁵ Property Name JEFE 29 FED COM	⁶ Well Number 711H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3357'

¹⁰Surface Location

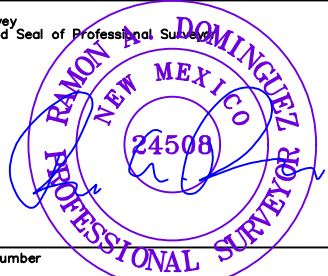
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	29	25-S	32-E	-	2180'	SOUTH	1711'	WEST	LEA

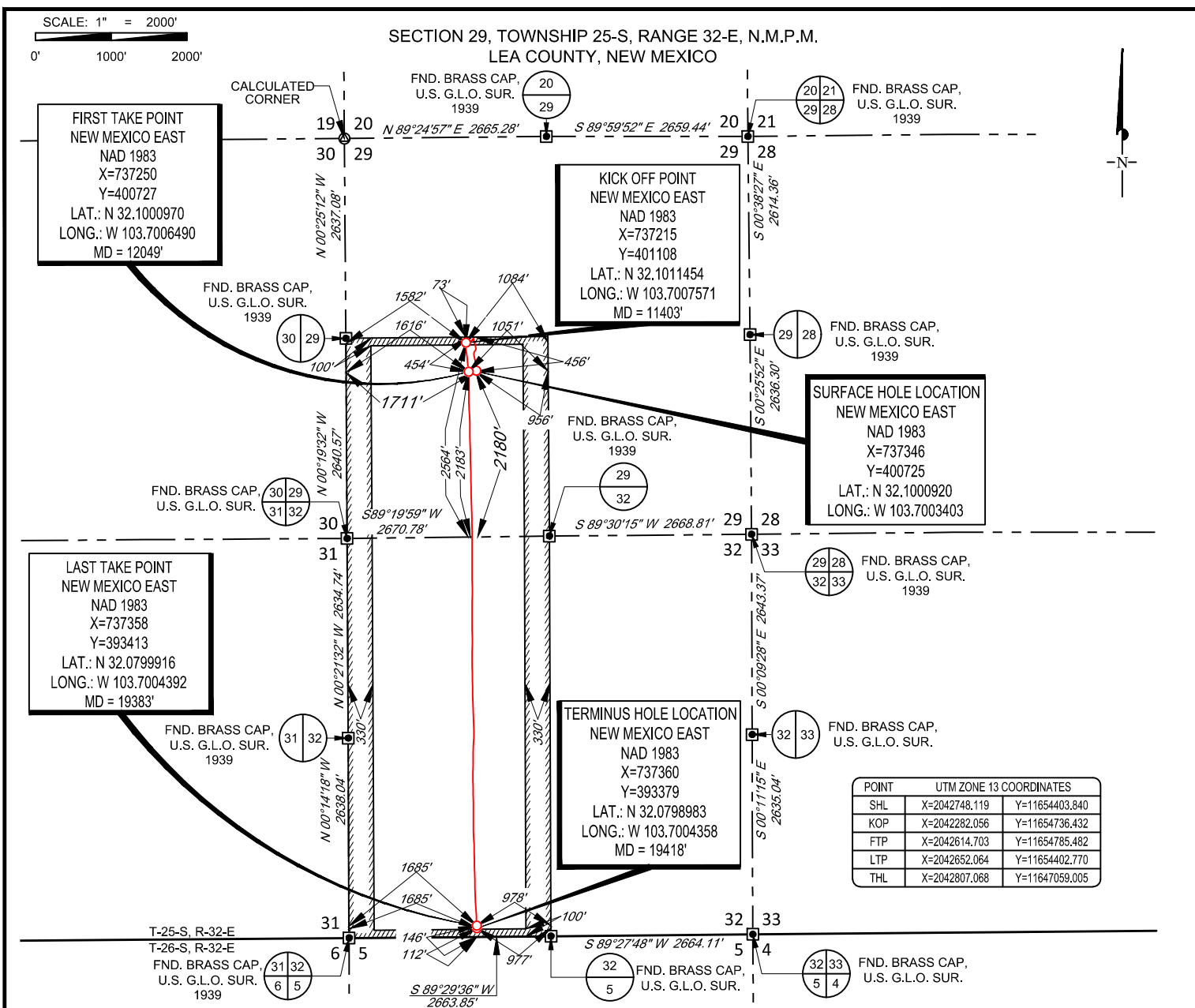
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	32	25-S	32-E	-	112'	SOUTH	1685'	WEST	LEA

¹² Dedicated Acres 480.00	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.

¹⁶ FIRST TAKE POINT NEW MEXICO EAST NAD 1983 X=737250 Y=400727 LAT.: N 32.1000970 LONG.: W 103.7006490 MD = 12049' LAST TAKE POINT NEW MEXICO EAST NAD 1983 X=737358 Y=393413 LAT.: N 32.0799916 LONG.: W 103.7004392 MD = 19383' KICK OFF POINT NEW MEXICO EAST NAD 1983 X=737215 Y=401108 LAT.: N 32.1011454 LONG.: W 103.7007571 MD = 11403' SURFACE HOLE LOCATION NEW MEXICO EAST NAD 1983 X=737346 Y=400725 LAT.: N 32.1000920 LONG.: W 103.7003403 TERMINUS HOLE LOCATION NEW MEXICO EAST NAD 1983 X=737360 Y=393379 LAT.: N 32.0798983 LONG.: W 103.7004358 MD = 19418' POINT UTM ZONE 13 COORDINATES SHL X=2042748.119 Y=11654403.840 KOP X=2042282.056 Y=11654736.432 FTP X=2042614.703 Y=11654785.482 LTP X=2042652.064 Y=11654402.770 THL X=2042807.068 Y=11647059.005		¹⁷ OPERATOR 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. Signature <i>Kay Maddox</i> Date 09/21/2022 KAY MADDOX Printed Name KAY_MADDOX@EOGRESOURCES.COM E-mail Address		¹⁸ SURVEYOR 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. 04/13/2022 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number	
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LEASE NAME & WELL NO.: JEF 29 FED COM 711H

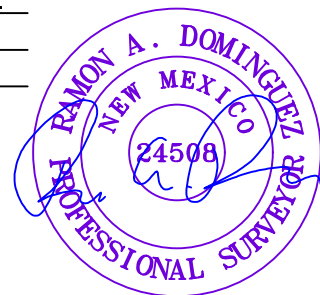
SECTION 29 TWP 25-S RGE 32-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3357'

DESCRIPTION 2180' FSL & 1711' FWL



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508
SEPTEMBER 12, 2022



JEF 29 FED COM 711H AS-DRILLED	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: 09/12/2022		
FILE:AD_JEF 29 FED COM_711H		
DRAWN BY: SAR		
SHEET: 2 OF 2		



Midland

Lea County, NM (NAD 83 NME)

Jefe 29 Fed Com

#711H

OH

Design: OH

Final PVA

09 July, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #711H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3383.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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	Jefe 29 Fed Com		
Site Position:		Northing:	400,660.00 usft
From:	Map	Easting:	736,197.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 5' 59.750 N
		Longitude:	103° 42' 14.588 W
		Grid Convergence:	0.33 °

Well		#711H				
Well Position	+N/-S	0.0 usft	Northing:	400,725.00 usft	Latitude:	32° 6' 0.327 N
	+E/-W	0.0 usft	Easting:	737,346.00 usft	Longitude:	103° 42' 1.226 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,357.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/13/2022	6.48	59.73	47,304.45908928

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	180.17

Survey Program	Date	7/9/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
186.0	19,418.0	Altitude MWD (OH)	EOG MWD+IFR1	MWD + IFR1



Final PVA



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Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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	
186.0	0.41	187.84	186.0	-0.7	-0.1	0.22	0.22	0.00	-0.7	0.0	
214.0	0.13	178.24	214.0	-0.8	-0.1	1.01	-1.00	-34.29	-0.8	-0.1	
302.0	0.32	192.92	302.0	-1.1	-0.2	0.22	0.22	16.68	-1.1	0.1	
391.0	0.33	131.52	391.0	-1.5	0.0	0.37	0.01	-68.99	-1.0	-1.2	
477.0	0.70	136.62	477.0	-2.1	0.5	0.43	0.43	5.93	-1.9	-1.1	
563.0	0.42	113.01	563.0	-2.6	1.2	0.42	-0.33	-27.45	-2.1	-1.9	
650.0	0.60	103.57	650.0	-2.8	1.9	0.23	0.21	-10.85	-2.5	-2.3	
737.0	1.27	62.59	737.0	-2.5	3.2	1.04	0.77	-47.10	-1.7	-3.7	
832.0	1.67	48.30	831.9	-1.1	5.2	0.57	0.42	-15.04	-3.1	-4.3	
926.0	1.86	55.57	925.9	0.7	7.5	0.31	0.20	7.73	-6.5	-3.6	
1,020.0	1.15	343.06	1,019.9	2.5	8.4	1.99	-0.76	-77.14	0.1	-8.8	
1,114.0	1.65	320.16	1,113.8	4.4	7.3	0.79	0.53	-24.36	1.3	-8.4	
1,218.0	1.46	327.21	1,217.8	6.7	5.6	0.26	-0.18	6.78	-2.6	-8.3	
1,312.0	1.76	349.74	1,311.8	9.1	4.7	0.74	0.32	23.97	-8.1	-6.3	
1,407.0	4.25	353.83	1,406.6	14.0	4.1	2.63	2.62	4.31	-11.5	-5.7	
1,501.0	6.72	349.75	1,500.2	22.9	2.7	2.66	2.63	-4.34	-15.0	-6.6	
1,595.0	7.42	351.02	1,593.5	34.3	0.8	0.76	0.74	1.35	-19.6	-6.1	
1,689.0	7.22	353.10	1,686.7	46.2	-0.9	0.35	-0.21	2.21	-24.6	-5.4	
1,784.0	6.75	357.69	1,781.0	57.7	-1.8	0.77	-0.49	4.83	-29.2	-3.8	
1,878.0	6.00	356.46	1,874.4	68.1	-2.3	0.81	-0.80	-1.31	-32.4	-5.2	
1,972.0	5.78	356.02	1,967.9	77.7	-3.0	0.24	-0.23	-0.47	-34.8	-6.1	
2,066.0	5.52	357.72	2,061.5	87.0	-3.5	0.33	-0.28	1.81	-37.1	-5.7	
2,161.0	5.21	356.78	2,156.1	95.8	-3.9	0.34	-0.33	-0.99	-38.6	-7.1	
2,254.0	4.92	356.94	2,248.7	104.0	-4.3	0.31	-0.31	0.17	-39.7	-7.7	
2,349.0	5.43	356.28	2,343.3	112.6	-4.8	0.54	0.54	-0.69	-40.9	-8.9	
2,443.0	5.44	358.59	2,436.9	121.5	-5.2	0.23	0.01	2.46	-43.0	-8.0	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #711H
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Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)	
2,538.0	5.46	354.84	2,531.5	130.5	-5.8	0.38	0.02	-3.95	-44.1	-11.5	
2,632.0	5.40	354.86	2,625.0	139.3	-6.6	0.06	-0.06	0.02	-45.8	-12.0	
2,726.0	4.94	354.14	2,718.7	147.8	-7.4	0.49	-0.49	-0.77	-46.9	-13.0	
2,821.0	4.65	346.47	2,813.3	155.6	-8.7	0.74	-0.31	-8.07	-45.4	-19.1	
2,915.0	4.37	342.16	2,907.0	162.7	-10.7	0.47	-0.30	-4.59	-44.1	-21.6	
3,009.0	4.22	339.48	3,000.8	169.3	-13.0	0.27	-0.16	-2.85	-43.0	-22.3	
3,103.0	4.58	347.02	3,094.5	176.2	-15.0	0.72	0.38	8.02	-45.5	-15.5	
3,291.0	5.66	348.17	3,281.7	192.6	-18.6	0.58	0.57	0.61	-48.2	-13.7	
3,386.0	5.59	350.79	3,376.3	201.8	-20.3	0.28	-0.07	2.76	-50.8	-11.2	
3,480.0	4.97	347.35	3,469.9	210.3	-22.0	0.74	-0.66	-3.66	-51.4	-14.0	
3,574.0	5.59	352.03	3,563.5	218.8	-23.5	0.80	0.66	4.98	-53.8	-9.6	
3,763.0	5.84	0.86	3,751.5	237.5	-24.6	0.48	0.13	4.67	-59.1	-2.2	
3,857.0	5.39	13.74	3,845.1	246.6	-23.5	1.42	-0.48	13.70	-60.5	9.3	
3,952.0	5.20	18.06	3,939.7	255.0	-21.1	0.46	-0.20	4.55	-61.9	10.8	
4,046.0	4.43	22.52	4,033.4	262.4	-18.4	0.91	-0.82	4.74	-62.5	12.1	
4,140.0	4.22	34.87	4,127.1	268.6	-15.0	1.01	-0.22	13.14	-60.3	21.0	
4,234.0	4.02	49.81	4,220.9	273.6	-10.5	1.16	-0.21	15.89	-55.7	30.5	
4,329.0	4.36	31.20	4,315.6	278.8	-6.1	1.47	0.36	-19.59	-63.7	5.5	
4,423.0	5.06	18.00	4,409.3	285.8	-3.0	1.37	0.74	-14.04	-64.5	-13.3	
4,517.0	4.37	22.24	4,503.0	293.1	-0.3	0.82	-0.73	4.51	-66.8	-11.9	
4,612.0	4.00	20.05	4,597.7	299.5	2.2	0.42	-0.39	-2.31	-66.8	-18.1	
4,706.0	4.92	351.73	4,691.4	306.6	2.7	2.51	0.98	-30.13	-50.0	-49.2	
4,894.0	6.47	346.46	4,878.5	324.9	-0.9	0.87	0.82	-2.80	-49.5	-53.1	
4,989.0	6.13	347.93	4,972.9	335.0	-3.2	0.40	-0.36	1.55	-54.0	-51.3	
5,083.0	5.87	347.60	5,066.4	344.6	-5.3	0.28	-0.28	-0.35	-56.3	-51.2	
5,177.0	6.17	346.48	5,159.9	354.2	-7.5	0.34	0.32	-1.19	-58.0	-51.8	
5,272.0	6.14	343.38	5,254.4	364.1	-10.2	0.35	-0.03	-3.26	-58.1	-54.1	



Final PVA



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
5,366.0	5.63	342.61	5,347.9	373.3	-13.0	0.55	-0.54	-0.82	-59.8	-53.9
5,460.0	5.54	340.17	5,441.4	382.0	-15.9	0.27	-0.10	-2.60	-59.6	-55.2
5,554.0	5.27	342.20	5,535.0	390.3	-18.8	0.35	-0.29	2.16	-63.2	-51.8
5,648.0	5.52	342.34	5,628.6	398.8	-21.5	0.27	0.27	0.15	-65.0	-50.5
5,742.0	5.41	341.97	5,722.2	407.3	-24.2	0.12	-0.12	-0.39	-66.5	-49.8
5,836.0	5.47	341.52	5,815.7	415.7	-27.0	0.08	0.06	-0.48	-67.9	-49.1
5,931.0	4.91	0.12	5,910.3	424.1	-28.4	1.86	-0.59	19.58	-81.2	-24.7
6,119.0	3.40	354.38	6,097.8	437.7	-29.0	0.83	-0.80	-3.05	-77.5	-34.2
6,174.0	0.60	356.61	6,152.8	439.6	-29.1	5.09	-5.09	4.05	-76.4	-31.6
6,214.0	0.67	176.03	6,192.8	439.6	-29.1	3.17	0.17	448.55	73.0	32.7
6,308.0	0.72	201.10	6,286.8	438.5	-29.3	0.33	0.05	26.67	72.6	2.5
6,402.0	0.70	230.55	6,380.8	437.6	-30.0	0.38	-0.02	31.33	59.7	-27.1
6,496.0	0.59	231.16	6,474.8	436.9	-30.8	0.12	-0.12	0.65	54.7	-21.4
6,591.0	0.39	261.41	6,569.8	436.6	-31.5	0.34	-0.21	31.84	35.7	-38.5
6,685.0	0.36	259.73	6,663.8	436.5	-32.1	0.03	-0.03	-1.79	36.0	-30.5
6,780.0	0.26	216.31	6,758.8	436.2	-32.5	0.26	-0.11	-45.71	43.4	5.6
6,874.0	0.33	187.37	6,852.8	435.8	-32.7	0.17	0.07	-30.79	33.4	26.3
6,968.0	0.59	180.78	6,946.8	435.0	-32.7	0.28	0.28	-7.01	29.4	29.9
7,062.0	0.51	190.98	7,040.8	434.1	-32.8	0.13	-0.09	10.85	33.4	24.3
7,157.0	0.75	193.52	7,135.8	433.1	-33.0	0.25	0.25	2.67	33.4	22.8
7,251.0	0.78	187.79	7,229.8	431.9	-33.3	0.09	0.03	-6.10	29.7	26.0
7,344.0	0.91	193.41	7,322.7	430.5	-33.5	0.17	0.14	6.04	30.7	23.0
7,439.0	1.00	207.36	7,417.7	429.1	-34.1	0.26	0.09	14.68	33.8	15.1
7,533.0	0.97	216.66	7,511.7	427.7	-34.9	0.17	-0.03	9.89	34.2	9.6
7,627.0	1.21	218.63	7,605.7	426.3	-36.0	0.26	0.26	2.10	32.7	8.4
7,721.0	1.17	224.24	7,699.7	424.8	-37.3	0.13	-0.04	5.97	31.4	5.3
7,816.0	1.18	214.33	7,794.7	423.3	-38.5	0.21	0.01	-10.43	28.1	10.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #711H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3383.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
7,910.0	1.28	217.91	7,888.6	421.7	-39.7	0.13	0.11	3.81	26.7	8.7
8,004.0	1.40	217.57	7,982.6	420.0	-41.1	0.13	0.13	-0.36	24.4	8.9
8,099.0	1.68	218.65	8,077.6	417.9	-42.6	0.30	0.29	1.14	22.0	8.4
8,193.0	1.52	218.00	8,171.5	415.9	-44.3	0.17	-0.17	-0.69	19.3	8.7
8,287.0	1.55	221.47	8,265.5	414.0	-45.9	0.10	0.03	3.69	17.3	7.6
8,382.0	1.56	226.17	8,360.5	412.1	-47.7	0.13	0.01	4.95	15.3	6.2
8,476.0	1.74	232.14	8,454.4	410.3	-49.7	0.26	0.19	6.35	13.1	4.7
8,570.0	1.86	233.26	8,548.4	408.5	-52.1	0.13	0.13	1.19	10.3	4.5
8,665.0	2.07	243.83	8,643.3	406.9	-54.8	0.44	0.22	11.13	7.7	2.8
8,759.0	2.04	241.69	8,737.3	405.3	-57.8	0.09	-0.03	-2.28	4.2	3.0
8,854.0	2.08	251.41	8,832.2	404.0	-61.0	0.37	0.04	10.23	1.3	2.6
8,954.0	1.98	287.30	8,932.2	403.9	-64.3	1.25	-0.10	35.89	-0.6	2.4
9,041.0	2.26	289.40	9,019.1	404.9	-67.4	0.33	0.32	2.41	-3.8	2.5
9,136.0	1.73	296.15	9,114.0	406.2	-70.4	0.61	-0.56	7.11	-6.8	3.1
9,230.0	0.64	7.85	9,208.0	407.3	-71.6	1.75	-1.16	76.28	-0.1	8.7
9,324.0	0.41	271.94	9,302.0	407.9	-71.9	0.85	-0.24	-102.03	-9.0	-1.6
9,419.0	0.86	273.71	9,397.0	407.9	-73.0	0.47	0.47	1.86	-10.1	-1.3
9,513.0	1.10	302.58	9,491.0	408.4	-74.4	0.58	0.26	30.71	-10.9	4.1
9,608.0	1.12	289.59	9,586.0	409.2	-76.1	0.27	0.02	-13.67	-13.4	1.3
9,702.0	1.01	272.59	9,680.0	409.6	-77.8	0.35	-0.12	-18.09	-14.9	-2.9
9,796.0	1.02	276.48	9,773.9	409.7	-79.4	0.07	0.01	4.14	-16.7	-1.9
9,890.0	1.28	285.54	9,867.9	410.1	-81.3	0.34	0.28	9.64	-18.7	0.9
9,984.0	1.75	282.45	9,961.9	410.7	-83.7	0.51	0.50	-3.29	-21.2	-0.1
10,078.0	1.79	252.39	10,055.9	410.6	-86.5	0.98	0.04	-31.98	-21.0	-11.4
10,173.0	2.24	230.34	10,150.8	408.9	-89.3	0.93	0.47	-23.21	-18.4	-19.1
10,267.0	2.42	238.93	10,244.7	406.7	-92.4	0.42	0.19	9.14	-24.8	-15.8
10,361.0	2.18	237.38	10,338.6	404.7	-95.6	0.26	-0.26	-1.65	-28.2	-16.5

Company:	Midland	Local Co-ordinate Reference:	Well #711H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3383.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
10,455.0	2.28	238.76	10,432.6	402.8	-98.7	0.12	0.11	1.47	-32.2	-15.8
10,550.0	3.50	234.14	10,527.5	400.1	-102.7	1.31	1.28	-4.86	-35.6	-18.5
10,738.0	1.85	230.29	10,715.2	394.8	-109.7	0.88	-0.88	-2.05	-43.1	-21.2
10,832.0	2.44	236.88	10,809.2	392.8	-112.5	0.68	0.63	7.01	-48.7	-16.0
10,927.0	2.33	243.34	10,904.1	390.8	-116.0	0.31	-0.12	6.80	-54.1	-10.2
11,021.0	2.14	241.75	10,998.0	389.1	-119.2	0.21	-0.20	-1.69	-57.5	-11.7
11,115.0	2.25	241.90	11,092.0	387.4	-122.4	0.12	0.12	0.16	-61.1	-11.6
11,197.0	2.04	251.10	11,173.9	386.2	-125.2	0.49	-0.26	11.22	-65.3	-1.4
11,334.0	1.84	264.04	11,310.8	385.2	-129.7	0.35	-0.15	9.45	-68.5	13.8
11,403.0	4.36	191.44	11,379.7	382.5	-131.3	6.08	3.65	-105.22	-36.5	-62.3
KOP, MD:11403.0', TVD:11379.7', N/S:382.5', E/W:-131.3', INC:4.36										
11,429.0	5.83	184.91	11,405.6	380.2	-131.6	6.08	5.66	-25.12	-31.5	-66.2
11,460.0	13.29	180.53	11,436.2	375.0	-131.8	24.16	24.06	-14.13	-30.9	-68.8
11,521.9	23.17	180.31	11,494.9	355.7	-131.9	15.97	15.97	-0.35	-48.1	-70.4
FTP Crossing, MD:11521.9', TVD:11494.9', N/S:355.7', E/W:-131.9', INC:23.17										
11,523.0	23.35	180.31	11,495.9	355.3	-131.9	15.97	15.97	-0.21	-48.5	-70.4
11,618.0	29.09	172.62	11,581.1	313.5	-129.0	7.01	6.04	-8.09	-70.9	-76.6
11,712.0	38.77	173.25	11,659.0	261.5	-122.6	10.30	10.30	0.67	-94.8	-70.7
11,806.0	46.30	173.00	11,728.2	198.4	-115.0	8.01	8.01	-0.27	-109.3	-62.7
11,901.0	54.83	173.90	11,788.5	125.6	-106.7	9.01	8.98	0.95	-113.2	-51.4
11,995.0	56.92	175.06	11,841.3	48.2	-99.2	2.45	2.22	1.23	-100.5	-42.0
12,089.0	62.29	176.10	11,888.8	-32.6	-93.0	5.79	5.71	1.11	-71.0	-35.1
12,183.0	70.51	178.93	11,926.4	-118.6	-89.3	9.17	8.74	3.01	-36.1	-30.1
12,277.0	80.25	181.31	11,950.1	-209.5	-89.6	10.65	10.36	2.53	-13.9	-29.7
12,372.0	87.49	180.50	11,960.2	-303.8	-91.0	7.67	7.62	-0.85	-4.6	-31.7
12,465.0	91.30	177.83	11,961.2	-396.8	-89.7	5.00	4.10	-2.87	-4.4	-30.8
12,559.0	91.25	177.51	11,959.1	-490.7	-85.9	0.34	-0.05	-0.34	-7.2	-27.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #711H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3383.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
12,653.0	91.84	177.30	11,956.6	-584.6	-81.6	0.67	0.63	-0.22	-10.5	-23.7
12,748.0	89.62	179.49	11,955.4	-679.5	-79.0	3.28	-2.34	2.31	-12.4	-21.5
12,842.0	89.20	178.90	11,956.4	-773.5	-77.6	0.77	-0.45	-0.63	-12.2	-20.7
12,936.0	89.37	178.75	11,957.5	-867.5	-75.7	0.24	0.18	-0.16	-11.8	-19.2
13,031.0	89.43	178.92	11,958.5	-962.4	-73.8	0.19	0.06	0.18	-11.6	-17.8
13,125.0	89.31	178.98	11,959.6	-1,056.4	-72.1	0.14	-0.13	0.06	-11.3	-16.5
13,219.0	89.17	178.82	11,960.8	-1,150.4	-70.3	0.23	-0.15	-0.17	-10.8	-15.2
13,314.0	89.03	178.42	11,962.3	-1,245.4	-68.0	0.45	-0.15	-0.42	-9.9	-13.4
13,408.0	88.73	178.40	11,964.1	-1,339.3	-65.4	0.32	-0.32	-0.02	-8.4	-11.3
13,503.0	90.29	178.85	11,964.9	-1,434.3	-63.1	1.71	1.64	0.47	-7.9	-9.5
13,597.0	90.52	179.05	11,964.3	-1,528.3	-61.4	0.32	0.24	0.21	-8.9	-8.3
13,691.0	90.27	178.59	11,963.6	-1,622.2	-59.4	0.56	-0.27	-0.49	-9.9	-6.9
13,785.0	88.70	178.02	11,964.5	-1,716.2	-56.6	1.78	-1.67	-0.61	-9.4	-4.6
13,879.0	90.07	178.56	11,965.5	-1,810.1	-53.8	1.57	1.46	0.57	-8.7	-2.3
13,973.0	91.13	179.12	11,964.5	-1,904.1	-51.9	1.28	1.13	0.60	-10.0	-0.9
14,068.0	91.22	178.66	11,962.6	-1,999.1	-50.1	0.49	0.09	-0.48	-12.3	0.4
14,162.0	89.87	179.71	11,961.7	-2,093.1	-48.8	1.82	-1.44	1.12	-13.5	1.3
14,256.0	89.17	179.24	11,962.5	-2,187.0	-47.9	0.90	-0.74	-0.50	-13.0	1.6
14,350.0	89.03	179.31	11,963.9	-2,281.0	-46.7	0.17	-0.15	0.07	-11.9	2.3
14,445.0	90.24	180.01	11,964.5	-2,376.0	-46.1	1.47	1.27	0.74	-11.6	2.4
14,539.0	90.24	179.96	11,964.1	-2,470.0	-46.1	0.05	0.00	-0.05	-12.3	1.9
14,633.0	89.54	180.05	11,964.3	-2,564.0	-46.1	0.75	-0.74	0.10	-12.5	1.4
14,727.0	89.43	179.98	11,965.2	-2,658.0	-46.1	0.14	-0.12	-0.07	-12.0	0.8
14,821.0	89.48	179.89	11,966.1	-2,752.0	-46.0	0.11	0.05	-0.10	-11.4	0.5
14,915.0	89.54	179.57	11,966.9	-2,846.0	-45.6	0.35	0.06	-0.34	-10.9	0.4
15,009.0	90.71	180.38	11,966.7	-2,940.0	-45.6	1.51	1.24	0.86	-11.4	-0.1
15,104.0	90.94	180.26	11,965.3	-3,035.0	-46.1	0.27	0.24	-0.13	-13.1	-1.1

Company:	Midland	Local Co-ordinate Reference:	Well #711H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3383.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
15,198.0	91.02	179.94	11,963.7	-3,129.0	-46.3	0.35	0.09	-0.34	-14.9	-1.8
15,292.0	90.66	179.66	11,962.3	-3,223.0	-45.9	0.49	-0.38	-0.30	-16.5	-1.9
15,387.0	90.41	180.22	11,961.4	-3,318.0	-45.8	0.65	-0.26	0.59	-17.7	-2.3
15,481.0	89.76	179.72	11,961.3	-3,412.0	-45.8	0.87	-0.69	-0.53	-18.1	-2.8
15,575.0	89.54	179.70	11,961.9	-3,506.0	-45.3	0.24	-0.23	-0.02	-17.7	-2.8
15,669.0	90.55	180.41	11,961.8	-3,600.0	-45.4	1.31	1.07	0.76	-18.1	-3.4
15,763.0	90.94	180.52	11,960.6	-3,693.9	-46.2	0.43	0.41	0.12	-19.5	-4.7
15,858.0	90.49	180.17	11,959.4	-3,788.9	-46.7	0.60	-0.47	-0.37	-21.0	-5.7
15,952.0	88.47	179.39	11,960.2	-3,882.9	-46.4	2.30	-2.15	-0.83	-20.4	-5.9
16,046.0	88.56	178.95	11,962.7	-3,976.9	-45.0	0.48	0.10	-0.47	-18.2	-5.0
16,141.0	89.51	179.01	11,964.3	-4,071.9	-43.3	1.00	1.00	0.06	-16.8	-3.8
16,235.0	90.21	178.76	11,964.5	-4,165.8	-41.5	0.79	0.74	-0.27	-16.8	-2.5
16,329.0	91.19	179.06	11,963.3	-4,259.8	-39.7	1.09	1.04	0.32	-18.2	-1.2
16,424.0	92.11	178.80	11,960.6	-4,354.8	-37.9	1.01	0.97	-0.27	-21.2	0.0
16,519.0	88.98	177.97	11,959.7	-4,449.7	-35.2	3.41	-3.29	-0.87	-22.4	2.2
16,613.0	88.81	177.02	11,961.5	-4,543.6	-31.1	1.03	-0.18	-1.01	-20.8	5.8
16,707.0	88.61	176.74	11,963.6	-4,637.4	-26.0	0.37	-0.21	-0.30	-19.0	10.4
16,801.0	89.12	180.31	11,965.5	-4,731.4	-23.6	3.84	0.54	3.80	-17.3	12.4
16,895.0	90.63	182.17	11,965.7	-4,825.3	-25.6	2.55	1.61	1.98	-17.3	9.8
16,989.0	90.52	182.30	11,964.8	-4,919.3	-29.3	0.18	-0.12	0.14	-18.3	5.7
17,083.0	90.01	182.09	11,964.3	-5,013.2	-32.9	0.59	-0.54	-0.22	-18.8	1.6
17,178.0	88.08	179.97	11,965.9	-5,108.1	-34.6	3.02	-2.03	-2.23	-17.2	-0.7
17,272.0	89.59	180.93	11,967.8	-5,202.1	-35.4	1.90	1.61	1.02	-15.3	-1.9
17,366.0	90.24	180.55	11,968.0	-5,296.1	-36.6	0.80	0.69	-0.40	-15.2	-3.6
17,460.0	90.69	179.91	11,967.2	-5,390.1	-36.9	0.83	0.48	-0.68	-16.0	-4.5
17,555.0	88.67	178.57	11,967.7	-5,485.1	-35.7	2.55	-2.13	-1.41	-15.6	-3.7
17,649.0	90.57	178.47	11,968.3	-5,579.1	-33.3	2.02	2.02	-0.11	-15.0	-1.8



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #711H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3383.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3383.0usft
Well:	#711H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
17,743.0	91.72	179.45	11,966.5	-5,673.0	-31.5	1.61	1.22	1.04	-16.9	-0.6
17,837.0	92.82	179.85	11,962.7	-5,766.9	-31.0	1.25	1.17	0.43	-20.6	-0.5
17,932.0	94.14	180.04	11,957.0	-5,861.8	-30.9	1.40	1.39	0.20	-26.4	-1.0
18,026.0	91.61	180.22	11,952.3	-5,955.6	-31.1	2.70	-2.69	0.19	-31.2	-1.7
18,120.0	88.64	178.24	11,952.1	-6,049.6	-29.8	3.80	-3.16	-2.11	-31.4	-0.9
18,214.0	88.81	177.60	11,954.1	-6,143.5	-26.4	0.70	0.18	-0.68	-29.4	2.0
18,309.0	87.72	177.07	11,957.0	-6,238.4	-22.0	1.28	-1.15	-0.56	-26.5	5.9
18,403.0	89.12	179.40	11,959.6	-6,332.3	-19.1	2.89	1.49	2.48	-24.0	8.3
18,498.0	89.34	180.06	11,960.9	-6,427.3	-18.7	0.73	0.23	0.69	-22.7	8.2
18,592.0	91.83	178.26	11,959.9	-6,521.3	-17.3	3.27	2.65	-1.91	-23.7	9.1
18,686.0	92.34	178.57	11,956.5	-6,615.2	-14.7	0.63	0.54	0.33	-27.2	11.2
18,781.0	91.47	177.91	11,953.4	-6,710.1	-11.8	1.15	-0.92	-0.69	-30.4	13.6
18,875.0	91.81	178.95	11,950.7	-6,804.0	-9.2	1.16	0.36	1.11	-33.1	15.7
18,969.0	91.47	177.81	11,948.0	-6,897.9	-6.5	1.27	-0.36	-1.21	-35.8	17.9
19,063.0	90.24	177.22	11,946.6	-6,991.8	-2.5	1.45	-1.31	-0.63	-37.3	21.4
19,158.0	87.10	175.87	11,948.8	-7,086.6	3.3	3.60	-3.31	-1.42	-35.2	26.6
19,252.0	89.03	178.46	11,952.0	-7,180.4	7.9	3.43	2.05	2.76	-32.0	30.8
19,346.0	89.03	177.89	11,953.5	-7,274.3	10.9	0.61	0.00	-0.61	-30.4	33.3
Last MWD Survey (MD=19346.0')										
19,418.0	89.03	177.89	11,954.8	-7,346.3	13.5	0.00	0.00	0.00	-29.3	35.5
Projection to Bit (MD=19418.0')										



Final PVA



Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Jefe 29 Fed Com
Well: #711H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #711H
TVD Reference: KB = 26' @ 3383.0usft
MD Reference: KB = 26' @ 3383.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: PEDM

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,403.0	11,379.7	382.5	-131.3	KOP, MD:11403.0', TVD:11379.7',N/S:382.5', E/W:-131.3', INC:4.36
11,521.9	11,494.9	355.7	-131.9	FTP Crossing, MD:11521.9', TVD:11494.9',N/S:355.7', E/W:-131.9', INC:23.17
19,346.0	11,953.5	-7,274.3	10.9	Last MWD Survey (MD=19346.0')
19,418.0	11,954.8	-7,346.3	13.5	Projection to Bit (MD=19418.0')

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
 KAY MADDOX 09/21/2022



Lea County, NM (NAD 83 NME)

Jefe 29 Fed Com #711H

Plan #1

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

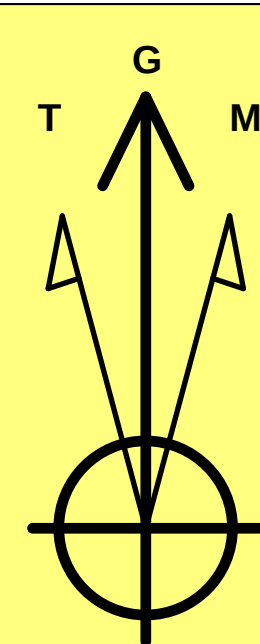
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #711H

KB = 26' @ 3383.0usft
Northing 400725.00 Easting 737346.00 Latitude 32° 6' 0.327 N Longitude 103° 42' 1.226 W

Azimuths to Grid North
True North: -0.34°
Magnetic North: 6.14°

Magnetic Field
Strength: 47304.5nT
Dip Angle: 59.73°
Date: 6/13/2022
Model: IGRF2020



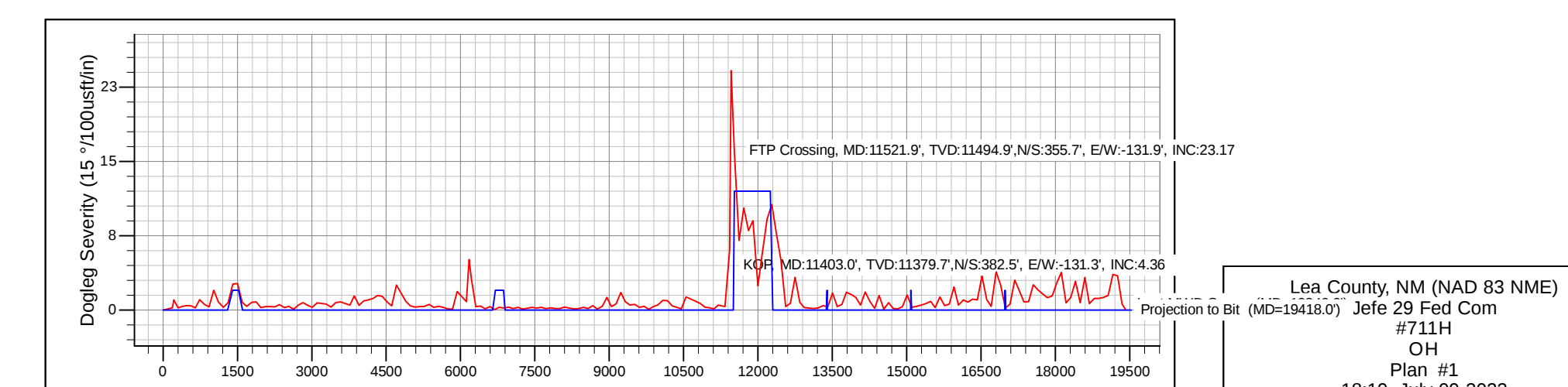
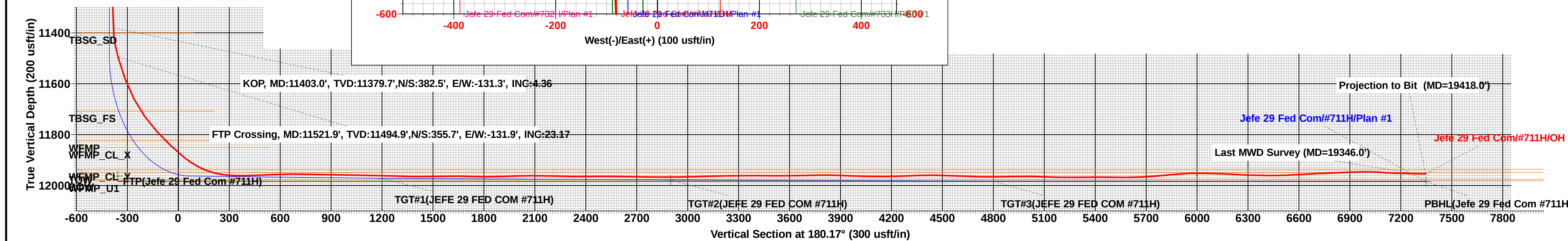
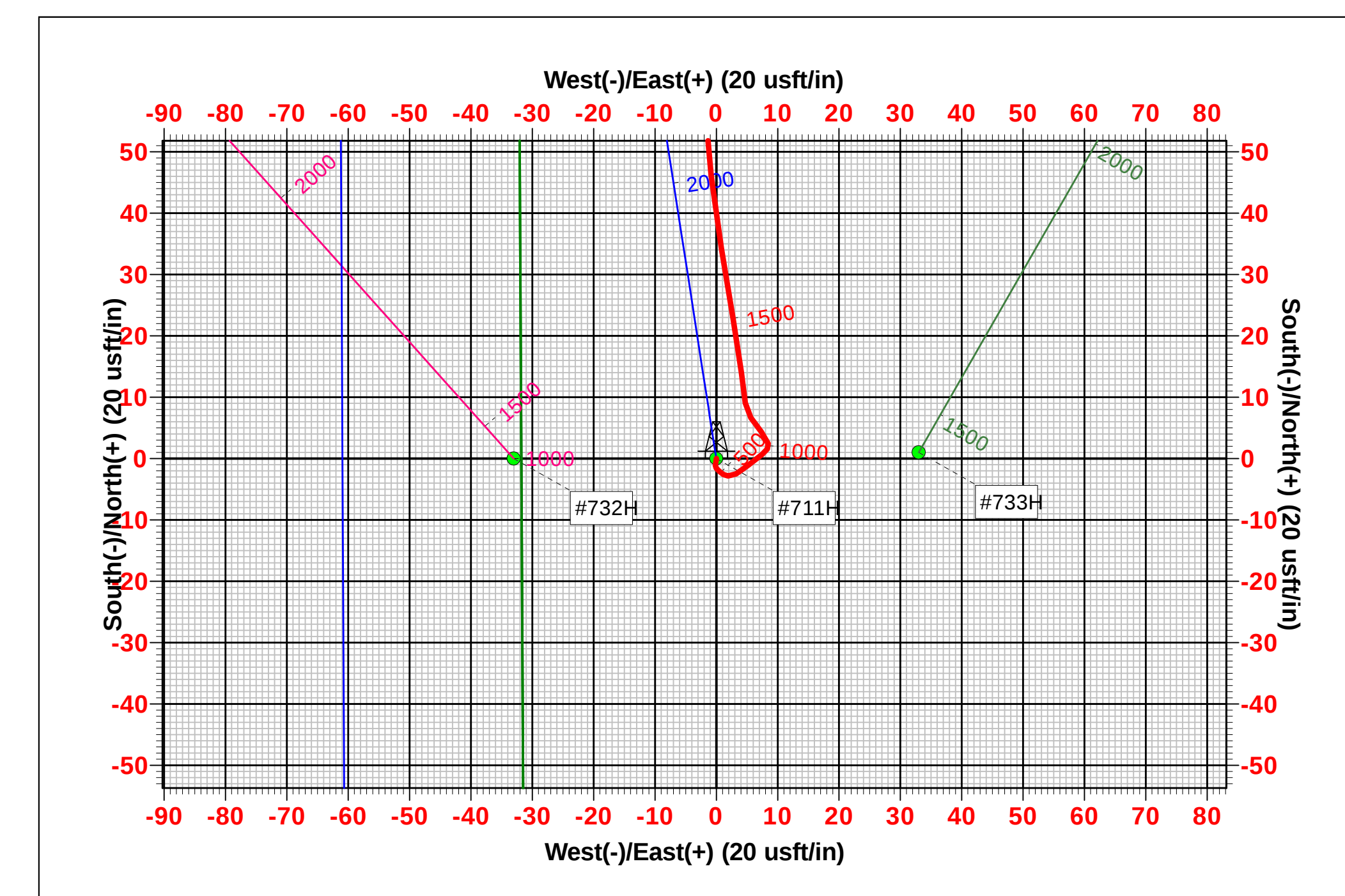
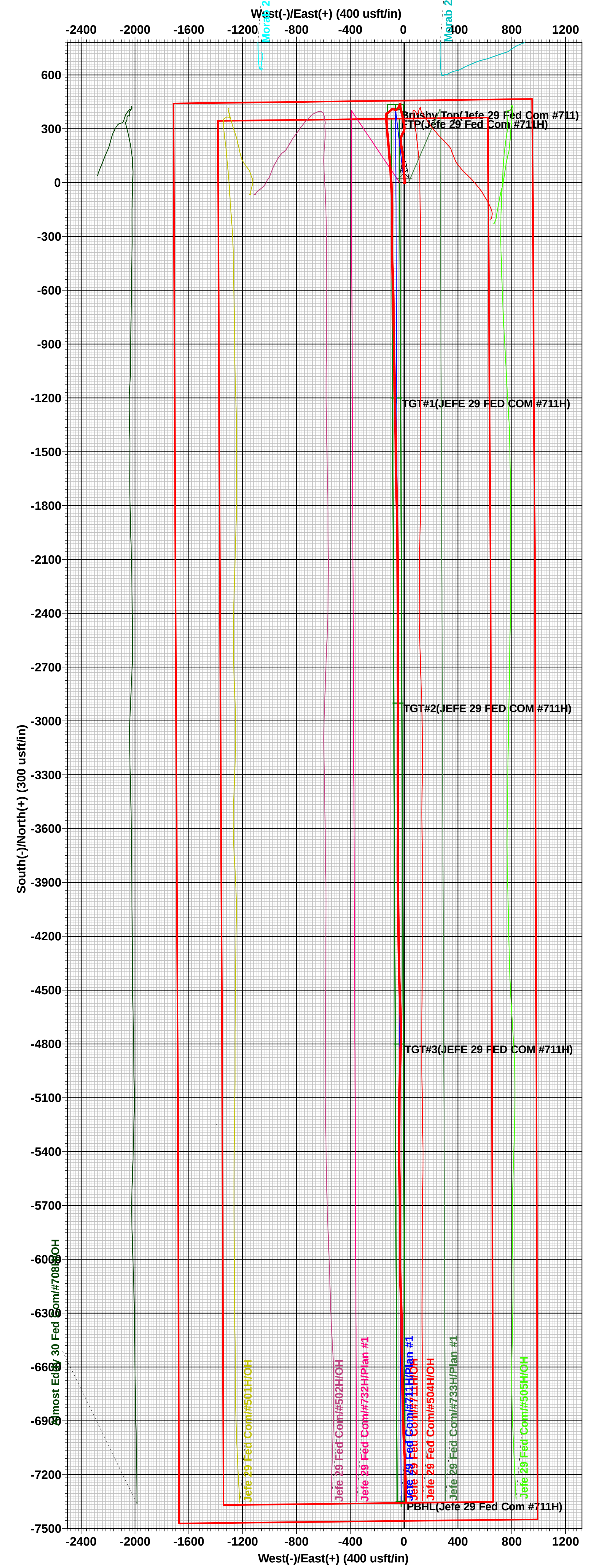
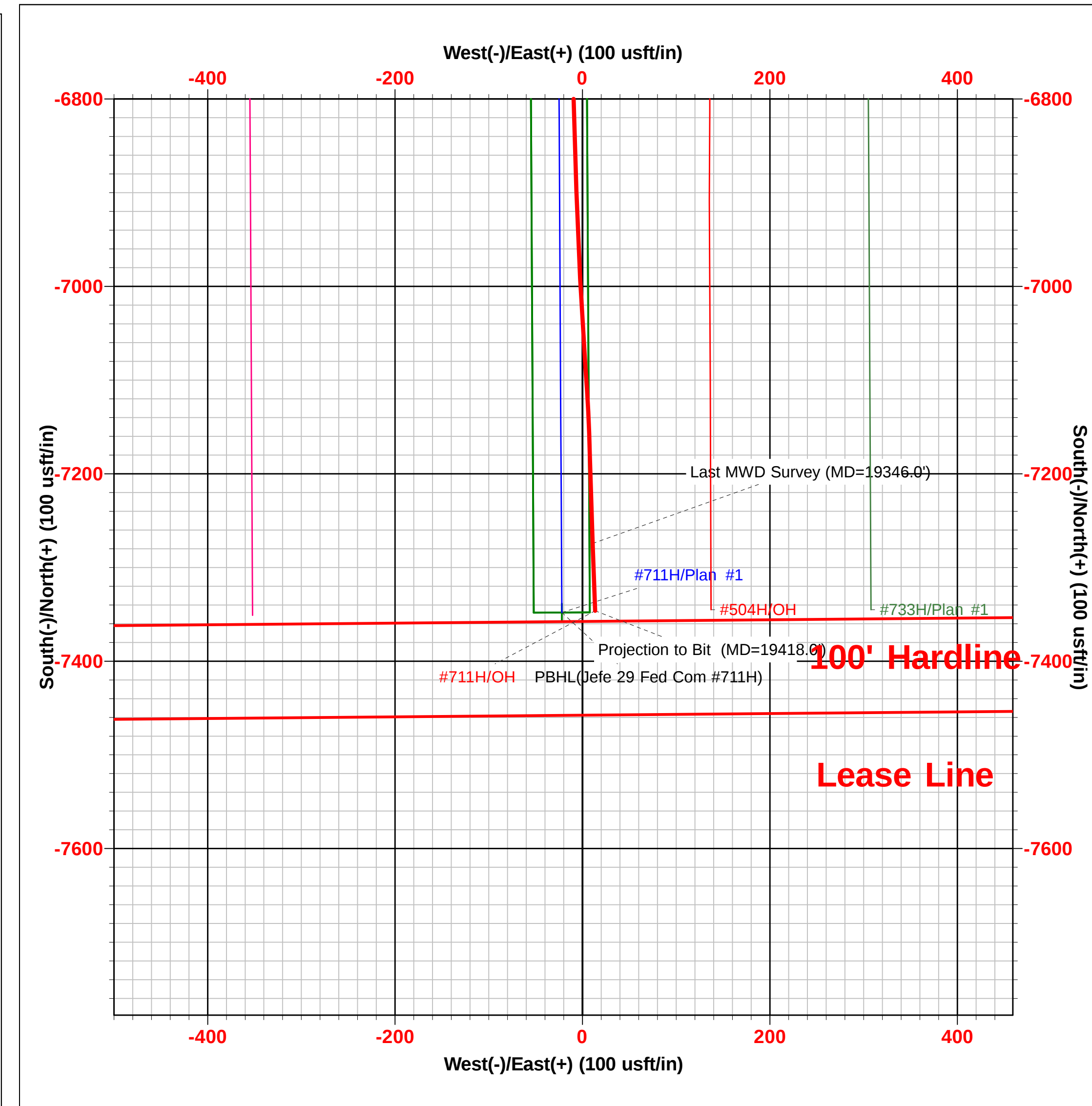
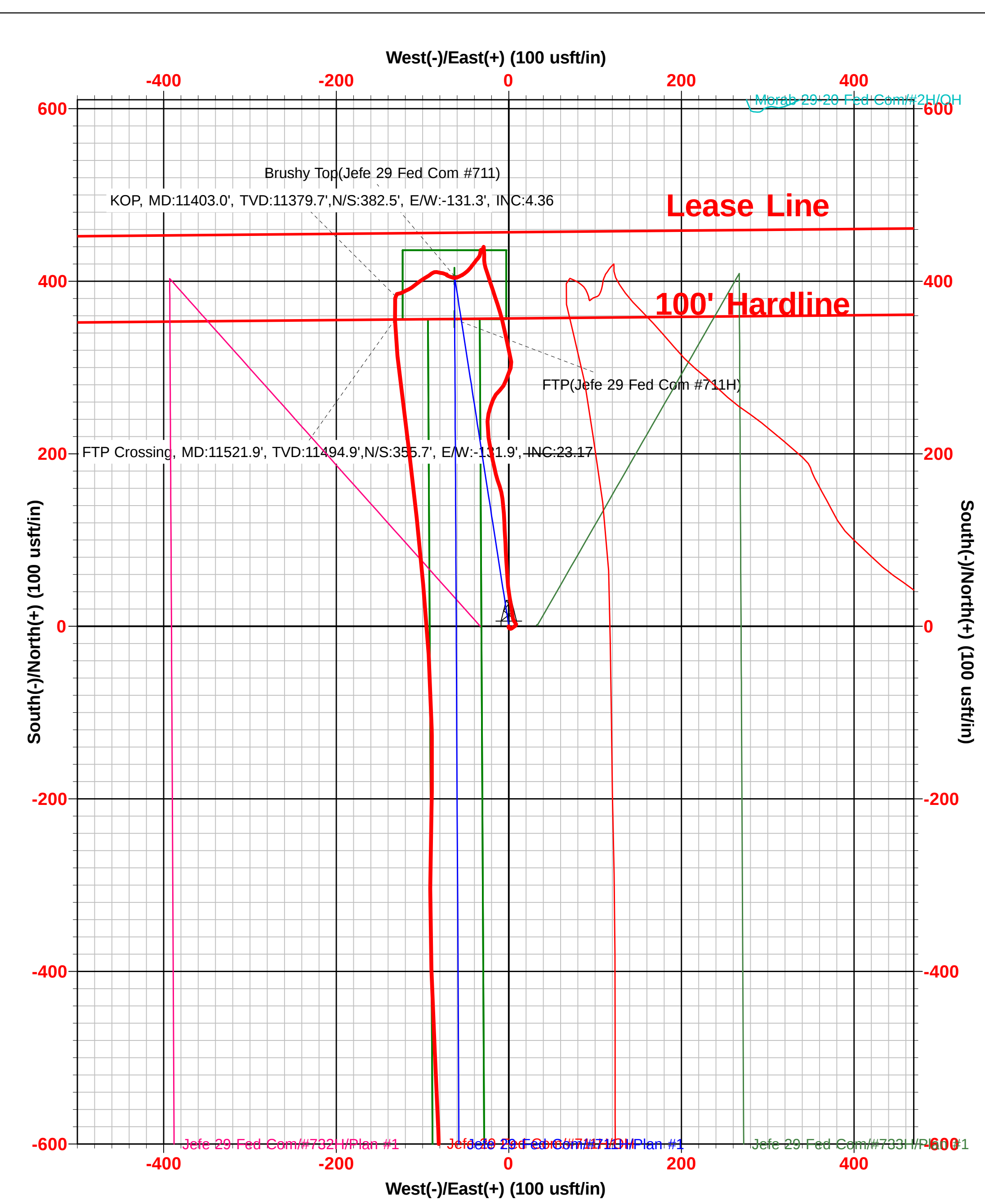
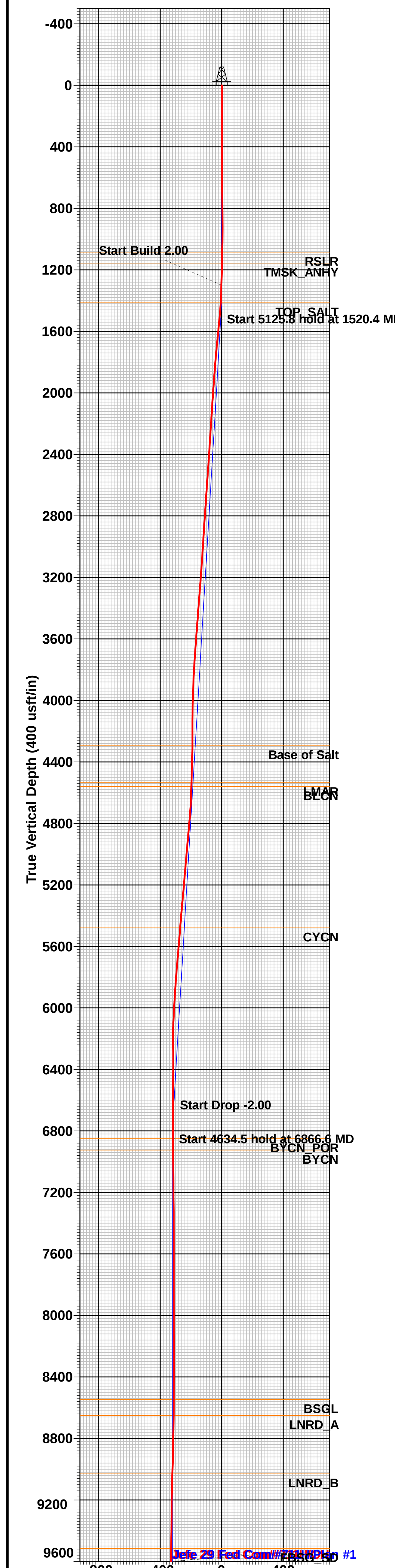
To convert a Magnetic Direction to a Grid Direction, Add 6.14°
To convert a Magnetic Direction to a True Direction, Add 6.48° East
To convert a True Direction to a Grid Direction, Subtract 0.34°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1520.4	4.41	351.18	1520.2	8.4	-1.3	2.00	351.18	-8.4	
4	6646.2	4.41	351.18	6630.8	397.6	-61.7	0.00	0.00	-397.4	
5	6866.6	0.00	0.00	6851.0	406.0	-63.0	2.00	180.00	-405.8	Brushy Top(Jefe 29 Fed Com #711)
6	11501.1	0.00	0.00	11485.5	406.0	-63.0	0.00	0.00	-405.8	
7	12247.3	89.54	179.71	11962.9	-67.6	-60.6	12.00	179.71	67.8	
8	13380.0	89.54	179.71	11972.0	-1200.3	-54.8	0.00	0.00	1200.5	TGT#1(JEFE 29 FED COM #711H)
9	13392.8	89.80	179.69	11972.1	-1213.1	-54.7	2.00	-3.18	1213.3	
10	15080.0	89.80	179.69	11978.0	-2900.3	-45.7	0.00	0.00	2900.4	TGT#2(JEFE 29 FED COM #711H)
11	15082.5	89.85	179.70	11978.0	-2902.8	-45.7	2.00	2.46	2903.0	
12	16980.0	89.85	179.70	11983.0	-4800.2	-35.6	0.00	0.00	4800.3	TGT#3(JEFE 29 FED COM #711H)
13	16986.4	89.98	179.69	11983.0	-4806.6	-35.6	2.00	-0.56	4806.7	
14	19527.8	89.98	179.69	11984.0	-7348.0	-22.0	0.00	0.00	7348.0	PBHL(Jefe 29 Fed Com #711H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Jefe 29 Fed Com #711)	6851.0	406.0	-63.0	401131.00	737283.00
FTP(Jefe 29 Fed Com #711H)	11963.0	356.0	-63.0	401081.00	737283.00
TGT#1(JEFE 29 FED COM #711H)	11972.0	-1200.3	-54.8	399524.70	737281.20
TGT#2(JEFE 29 FED COM #711H)	11978.0	-2900.3	-45.7	397824.70	737300.30
TGT#3(JEFE 29 FED COM #711H)	11983.0	-4800.2	-35.6	395924.80	737310.40
PBHL(Jefe 29 Fed Com #711H)	11984.0	-7348.0	-22.0	393377.00	737324.00



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 JEFE 29 FEDERAL COM		
								6. Well Number: 711H		
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 G08 S253216D; UPPER WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	29	25S	32E		2180	SOUTH	1711	WEST	LEA
BH:	N	32	25S	32E		112	SOUTH	1685	WEST	LEA
13. Date Spudded 05/20/2022	14. Date T.D. Reached 07/07/2022		15. Date Rig Released 07/08/2022			16. Date Completed (Ready to Produce) 09/07/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3357' GL		
18. Total Measured Depth of Well MD 19,418' TVD 11,954'			19. Plug Back Measured Depth MD 19,383' TVD 11,954'			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 12,049 - 19,383'										
CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10 3/4"		40.5# J-55		1,209'		13 1/2"		660 CL C/CIRC		
8 3/4"		38.5# HCL 80		11,247'		9 7/8"		1544 CL C & H/CIRC		
6"		24.5# ECP 110		20,271' 19392		7 7/8"		1270 CL H TOC 5870' CB		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
26. Perforation record (interval, size, and number) 12,049 - 19,383' 3 1/8", 1500 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,049 - 19,383'		FRAC W/18,343,800 lbs proppant, 277,497 bbls load fld		
PRODUCTION										
Date First Production 09/07/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 09/18/2022	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2800	Gas - MCF 4725	Water - Bbl. 7661	Gas - Oil Ratio 1688			
Flow Tubing Press.	Casing Pressure 2065	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 47				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, 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 09/22/2022	
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	1085'	T. Canyon	Brushy	6925'	T. Ojo Alamo	T. Penn A "
T. Salt		1414'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4295'	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	9516'		T. Entrada	
T. Wolfcamp	11,823'		T. 2nd BS Sand	10,168'		T. Wingate	
T. Penn			T. 3rd BS Sand	11,399'		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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 145644

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 145644
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 145644

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 145644
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	1/20/2026