

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 01/12/2022
⁴ API Number 30 - 025-48347	⁵ Pool Name WC025 G09 S253309P; UPPER WOLFCAMP	⁶ Pool Code 98180
⁷ Property Code 324860	⁸ Property Name FEARLESS 26 FEDERAL COM	⁹ Well Number 720H

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
A	26	25S	32E		1062	NORTH	1032	EAST	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
P	35	25S	32E		108	SOUTH	733	EAST	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 01/21/2021	²² Ready Date 01/12/2022	²³ TD 22,528	²⁴ PBDT 22,501	²⁵ Perforations 12,650 - 22,501	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8"	837'	385 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,566'	1679 SXS CL C & H/CIRC		
6 3/4"	5 1/2"	22,511'	995 SXS CL H TOC 10,640 CBL		

V. Well Test Data

³¹ Date New Oil 01/12/2022	³² Gas Delivery Date 01/12/2022	³³ Test Date 01/19/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1965
³⁷ Choke Size 68	³⁸ Oil 2988	³⁹ Water 4521	⁴⁰ Gas 8794		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: 02/08/2022	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-COMPLETED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48347	² Pool Code 98180	³ Pool Name WC025 G09 S253309P; UPPER WOLFCAMP
⁴ Property Code 324860	⁵ Property Name FEARLESS 26 FED COM	⁶ Well Number 720H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3397'

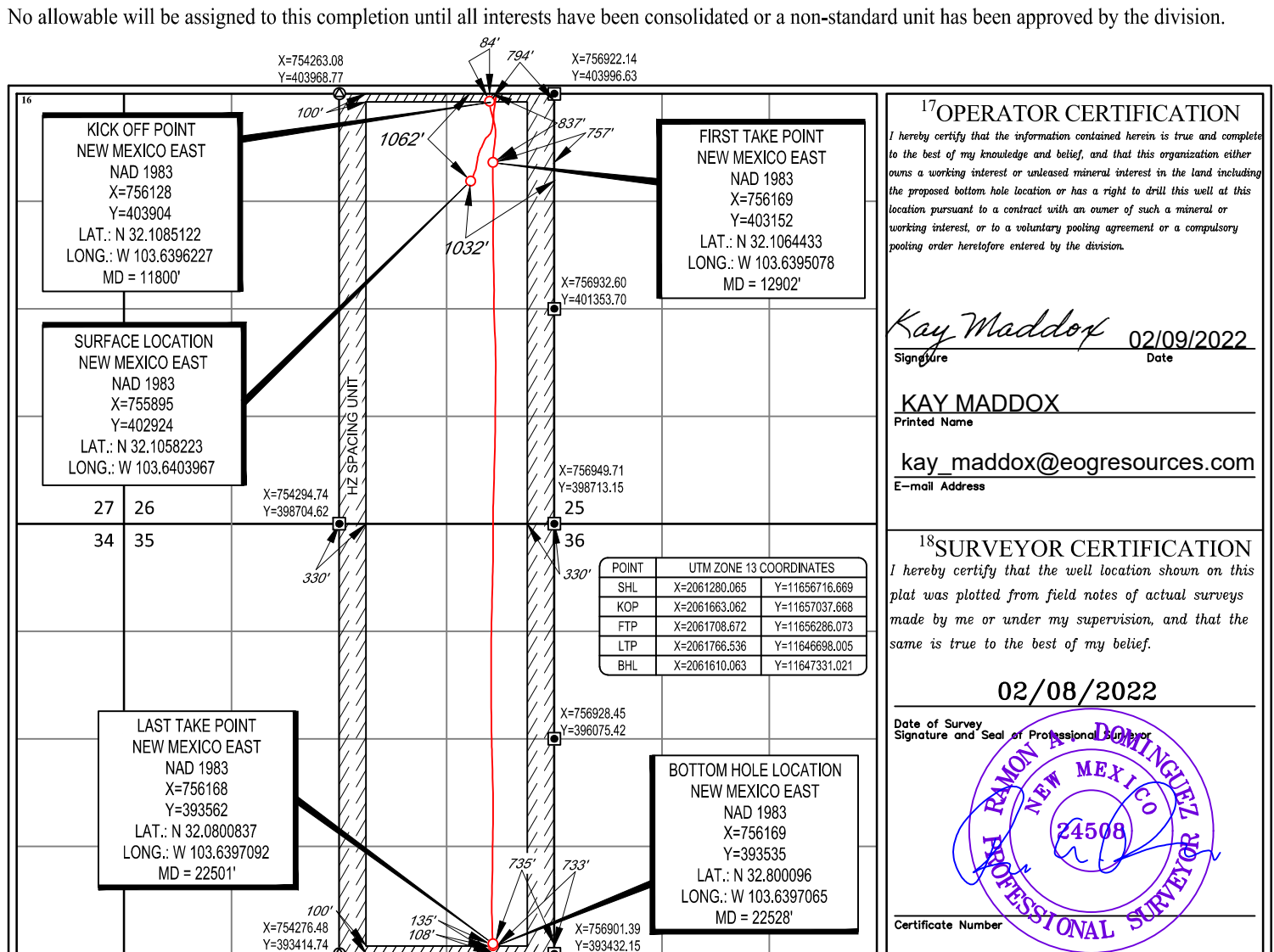
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	25-S	32-E	-	1062'	NORTH	1032'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	25-S	32-E	-	108'	SOUTH	733'	EAST	LEA

¹² Dedicated Acres 640.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 02/09/2022
Signature Date

KAY MADDOX
Printed Name

kay_maddox@eogresources.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

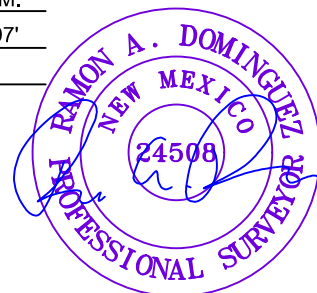
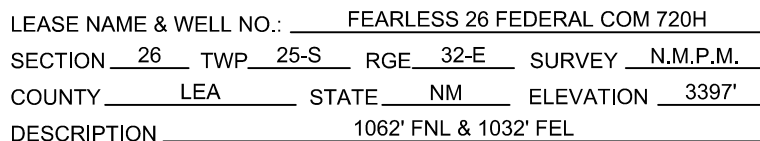
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

02/08/2022

Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number



Ramon A. Dominguez, P.S. No. 24508
AUGUST 11, 2021

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.

SHEET: 2 OF 2



Midland

Lea County, NM (NAD 83 NME)

Fearless 26 Fed Com

#720H

OH

Design: OH

Final PVA

03 June, 2021



Final PVA

Company: Midland Project: Lea County, NM (NAD 83 NME) Site: Fearless 26 Fed Com Well: #720H Wellbore: OH Design: OH	Local Co-ordinate Reference: Well #720H TVD Reference: KB = 26' @ 3423.0usft MD Reference: KB = 26' @ 3423.0usft North Reference: Grid Survey Calculation Method: Minimum Curvature Database: PEDM
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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	Fearless 26 Fed Com		
Site Position:		Northing:	403,601.00 usft
From: Map		Easting:	755,228.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.1076944°N
		Longitude:	103.6425361°W
		Grid Convergence:	0.37 °

Well	#720H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			usft
			Latitude:
			32.1058217°N
			Longitude:
			103.6403961°W
			Ground Level:
			3,397.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	4/9/2021	6.59
			Dip Angle (°)
			59.79
			Field Strength (nT)
			47,435.95666706

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)
	0.0	0.0	0.0
			Direction (°)
			178.39

Survey Program	Date	6/3/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
180.0	22,528.0	Driltech MWD (OH)	EOG MWD+IFR1	MWD + IFR1



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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	
180.0	0.44	169.56	180.0	-0.7	0.1	0.24	0.24	0.00	-0.7	0.0	
292.0	1.14	167.46	292.0	-2.2	0.4	0.63	0.62	-1.87	-2.2	0.0	
377.0	1.23	162.88	377.0	-3.9	0.9	0.15	0.11	-5.39	-4.0	-0.3	
465.0	1.76	159.02	464.9	-6.1	1.7	0.61	0.60	-4.39	-6.2	-0.6	
563.0	1.67	153.92	562.9	-8.7	2.8	0.18	-0.09	-5.20	-9.1	-1.3	
658.0	1.58	157.88	657.9	-11.2	3.9	0.15	-0.09	4.17	-11.9	-0.6	
753.0	1.85	169.04	752.8	-13.9	4.7	0.45	0.28	11.75	-14.6	2.0	
944.0	1.85	184.59	943.7	-20.0	5.1	0.26	0.00	8.14	-19.5	6.6	
1,039.0	0.88	73.94	1,038.7	-21.3	5.6	2.43	-1.02	-116.47	0.5	-22.1	
1,133.0	3.78	22.70	1,132.6	-18.3	7.5	3.51	3.09	-54.51	14.1	-14.0	
1,228.0	6.86	16.81	1,227.2	-10.0	10.4	3.29	3.24	-6.20	9.3	-12.9	
1,324.0	10.11	19.54	1,322.1	3.5	14.8	3.41	3.39	2.84	0.4	-13.4	
1,419.0	11.43	14.88	1,415.5	20.4	20.1	1.66	1.39	-4.91	-7.4	-13.9	
1,514.0	11.26	17.07	1,508.6	38.4	25.2	0.49	-0.18	2.31	-14.7	-13.5	
1,609.0	11.34	18.39	1,601.8	56.1	30.9	0.28	0.08	1.39	-18.5	-13.7	
1,704.0	11.17	19.97	1,694.9	73.6	37.0	0.37	-0.18	1.66	-20.1	-14.2	
1,799.0	10.90	19.45	1,788.2	90.8	43.1	0.30	-0.28	-0.55	-20.8	-15.6	
1,894.0	10.64	21.56	1,881.5	107.4	49.3	0.50	-0.27	2.22	-21.7	-16.3	
1,988.0	10.46	22.35	1,973.9	123.3	55.7	0.25	-0.19	0.84	-22.0	-17.9	
2,084.0	9.94	21.29	2,068.4	139.1	62.1	0.58	-0.54	-1.10	-21.2	-20.2	
2,179.0	11.17	13.21	2,161.8	155.7	67.1	2.02	1.29	-8.51	-18.1	-23.3	
2,274.0	12.31	8.64	2,254.8	174.7	70.8	1.55	1.20	-4.81	-18.3	-23.3	
2,369.0	11.87	8.11	2,347.7	194.4	73.7	0.48	-0.46	-0.56	-20.7	-21.2	
2,464.0	11.43	8.20	2,440.7	213.4	76.4	0.46	-0.46	0.09	-22.7	-18.9	
2,559.0	10.99	9.34	2,533.9	231.6	79.2	0.52	-0.46	1.20	-24.2	-16.4	
2,654.0	10.55	9.69	2,627.3	249.1	82.1	0.47	-0.46	0.37	-24.7	-14.3	



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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)	
2,749.0	9.67	8.90	2,720.8	265.6	84.8	0.94	-0.93	-0.83	-23.9	-12.7	
2,844.0	9.32	8.81	2,814.5	281.1	87.2	0.37	-0.37	-0.09	-22.2	-10.7	
2,939.0	11.08	13.91	2,908.0	297.5	90.6	2.08	1.85	5.37	-22.4	-7.5	
3,034.0	12.22	14.26	3,001.0	316.1	95.3	1.20	1.20	0.37	-24.3	-6.9	
3,129.0	11.43	14.97	3,094.0	335.0	100.2	0.85	-0.83	0.75	-26.4	-6.2	
3,224.0	11.17	17.25	3,187.2	352.9	105.3	0.54	-0.27	2.40	-27.9	-5.3	
3,319.0	10.90	20.68	3,280.4	370.0	111.3	0.75	-0.28	3.61	-29.0	-4.6	
3,414.0	11.08	27.18	3,373.7	386.6	118.6	1.32	0.19	6.84	-30.3	-3.8	
3,509.0	9.67	27.62	3,467.1	401.8	126.5	1.49	-1.48	0.46	-30.3	-7.1	
3,604.0	10.64	32.02	3,560.6	416.3	134.8	1.31	1.02	4.63	-30.8	-9.1	
3,699.0	10.90	27.53	3,654.0	431.7	143.6	0.92	0.27	-4.73	-30.7	-15.7	
3,794.0	9.06	25.51	3,747.5	446.4	151.0	1.97	-1.94	-2.13	-29.4	-20.0	
3,889.0	10.82	16.20	3,841.1	461.7	156.7	2.50	1.85	-9.80	-24.7	-25.8	
3,984.0	10.90	16.81	3,934.4	478.9	161.8	0.15	0.08	0.64	-25.4	-25.8	
4,079.0	9.67	28.41	4,027.9	494.5	168.2	2.53	-1.29	12.21	-29.8	-22.3	
4,174.0	11.08	33.69	4,121.3	509.1	177.0	1.79	1.48	5.56	-32.2	-24.2	
4,269.0	11.26	33.07	4,214.5	524.5	187.2	0.23	0.19	-0.65	-33.7	-29.8	
4,364.0	9.94	46.96	4,307.9	537.8	198.2	3.02	-1.39	14.62	-42.1	-27.7	
4,459.0	11.26	50.47	4,401.3	549.3	211.4	1.55	1.39	3.69	-46.8	-34.6	
4,554.0	14.51	44.50	4,493.9	563.7	226.9	3.69	3.42	-6.28	-48.7	-48.8	
4,649.0	13.28	33.16	4,586.1	581.4	241.2	3.14	-1.29	-11.94	-44.5	-64.8	
4,744.0	11.96	22.26	4,678.8	599.6	250.9	2.86	-1.39	-11.47	-35.0	-76.0	
4,839.0	11.96	14.97	4,771.8	618.2	257.1	1.59	0.00	-7.67	-27.6	-80.8	
4,934.0	12.13	13.12	4,864.7	637.5	262.0	0.44	0.18	-1.95	-27.4	-81.2	
5,029.0	12.66	10.75	4,957.5	657.4	266.2	0.77	0.56	-2.49	-27.2	-81.1	
5,124.0	13.37	10.83	5,050.0	678.4	270.2	0.75	0.75	0.08	-31.4	-79.6	
5,219.0	13.63	9.25	5,142.4	700.3	274.0	0.47	0.27	-1.66	-34.3	-78.8	



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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)
5,314.0	13.63	8.64	5,234.7	722.4	277.5	0.15	0.00	-0.64	-38.6	-77.1
5,409.0	13.63	6.09	5,327.1	744.6	280.4	0.63	0.00	-2.68	-40.5	-76.3
5,504.0	14.68	3.89	5,419.2	767.7	282.4	1.24	1.11	-2.32	-43.9	-74.6
5,599.0	15.65	1.08	5,510.9	792.5	283.4	1.28	1.02	-2.96	-48.5	-72.9
5,694.0	15.39	359.50	5,602.4	817.9	283.6	0.52	-0.27	-1.66	-55.3	-69.6
5,789.0	14.25	0.38	5,694.2	842.2	283.5	1.22	-1.20	0.93	-64.0	-64.0
5,884.0	12.13	8.29	5,786.7	863.8	285.1	2.93	-2.23	8.33	-76.4	-51.0
5,979.0	12.05	13.82	5,879.6	883.3	288.9	1.22	-0.08	5.82	-83.4	-42.0
6,074.0	11.61	11.26	5,972.6	902.3	293.1	0.72	-0.46	-2.69	-83.6	-44.7
6,169.0	11.78	9.77	6,065.6	921.3	296.6	0.36	0.18	-1.57	-84.4	-45.3
6,264.0	12.84	6.43	6,158.5	941.3	299.4	1.34	1.12	-3.52	-84.7	-47.8
6,359.0	11.08	6.43	6,251.4	960.9	301.6	1.85	-1.85	0.00	-87.3	-45.0
6,454.0	10.46	6.51	6,344.7	978.5	303.6	0.65	-0.65	0.08	-87.9	-42.1
6,549.0	8.97	5.64	6,438.4	994.4	305.4	1.58	-1.57	-0.92	-86.1	-40.5
6,644.0	6.33	8.98	6,532.5	1,007.0	306.9	2.82	-2.78	3.52	-83.5	-33.1
6,739.0	5.36	12.05	6,627.0	1,016.5	308.6	1.07	-1.02	3.23	-77.3	-27.3
6,834.0	3.61	11.61	6,721.7	1,023.8	310.2	1.84	-1.84	-0.46	-67.0	-26.8
6,929.0	1.23	14.69	6,816.6	1,027.7	311.0	2.51	-2.51	3.24	-55.8	-22.8
7,024.0	0.44	176.93	6,911.6	1,028.3	311.3	1.74	-0.83	170.78	33.9	34.7
7,119.0	0.26	52.92	7,006.6	1,028.1	311.5	0.66	-0.19	-130.54	-39.3	2.2
7,214.0	0.70	57.58	7,101.6	1,028.5	312.2	0.46	0.46	4.91	-34.3	0.5
7,309.0	0.62	61.18	7,196.6	1,029.1	313.1	0.09	-0.08	3.79	-32.3	-0.4
7,404.0	0.26	101.79	7,291.6	1,029.3	313.8	0.48	-0.38	42.75	-25.2	19.9
7,499.0	0.53	186.69	7,386.6	1,028.8	313.9	0.60	0.28	89.37	17.1	27.1
7,594.0	1.06	184.05	7,481.6	1,027.5	313.8	0.56	0.56	-2.78	14.5	27.9
7,689.0	1.23	194.34	7,576.6	1,025.6	313.5	0.28	0.18	10.83	17.4	25.0
7,784.0	0.97	188.45	7,671.6	1,023.8	313.1	0.30	-0.27	-6.20	12.9	26.5



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Fearless 26 Fed Com
Well: #720H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #720H
TVD Reference: KB = 26' @ 3423.0usft
MD Reference: KB = 26' @ 3423.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)	
7,879.0	1.06	206.73	7,766.5	1,022.3	312.6	0.35	0.09	19.24	18.9	21.4	
7,974.0	1.14	208.40	7,861.5	1,020.6	311.8	0.09	0.08	1.76	17.7	20.9	
8,069.0	1.14	207.17	7,956.5	1,019.0	310.9	0.03	0.00	-1.29	15.4	21.2	
8,164.0	1.32	201.46	8,051.5	1,017.1	310.1	0.23	0.19	-6.01	11.1	22.5	
8,259.0	1.41	215.78	8,146.5	1,015.2	309.0	0.37	0.09	15.07	14.1	19.4	
8,354.0	1.85	210.07	8,241.4	1,012.9	307.5	0.49	0.46	-6.01	9.4	20.6	
8,449.0	1.67	204.09	8,336.4	1,010.3	306.2	0.27	-0.19	-6.29	4.3	21.3	
8,544.0	2.02	203.57	8,431.3	1,007.5	305.0	0.37	0.37	-0.55	1.1	21.3	
8,639.0	1.93	210.60	8,526.3	1,004.6	303.5	0.27	-0.09	7.40	0.4	21.2	
8,734.0	1.93	207.43	8,621.2	1,001.8	301.9	0.11	0.00	-3.34	-3.9	21.1	
8,829.0	1.76	215.25	8,716.2	999.2	300.3	0.32	-0.18	8.23	-4.1	21.7	
8,924.0	1.85	233.54	8,811.1	997.1	298.3	0.61	0.09	19.25	0.0	22.3	
9,019.0	1.85	247.33	8,906.1	995.6	295.6	0.47	0.00	14.52	2.3	22.0	
9,114.0	1.14	246.54	9,001.0	994.6	293.3	0.75	-0.75	-0.83	-0.5	22.0	
9,209.0	1.06	250.67	9,096.0	993.9	291.6	0.12	-0.08	4.35	-0.7	22.1	
9,304.0	0.88	246.46	9,191.0	993.3	290.1	0.20	-0.19	-4.43	-3.9	21.9	
9,399.0	2.29	253.84	9,286.0	992.5	287.6	1.50	1.48	7.77	-3.7	22.3	
9,494.0	1.85	274.67	9,380.9	992.1	284.3	0.91	-0.46	21.93	1.2	22.9	
9,589.0	2.37	277.22	9,475.8	992.5	280.8	0.56	0.55	2.68	-1.3	22.9	
9,685.0	2.55	317.03	9,571.8	994.3	277.4	1.75	0.19	41.47	9.9	19.7	
9,780.0	3.34	287.41	9,666.6	996.7	273.3	1.78	0.83	-31.18	-5.7	21.0	
9,874.0	2.46	264.65	9,760.5	997.3	268.7	1.52	-0.94	-24.21	-17.9	16.1	
9,969.0	2.02	252.70	9,855.4	996.6	265.1	0.67	-0.46	-12.58	-24.5	11.6	
10,064.0	1.93	246.37	9,950.4	995.5	262.0	0.25	-0.09	-6.66	-28.9	8.7	
10,159.0	1.67	240.39	10,045.3	994.2	259.3	0.34	-0.27	-6.29	-32.6	5.4	
10,254.0	0.44	273.35	10,140.3	993.5	257.8	1.39	-1.29	34.69	-25.9	23.1	
10,349.0	1.23	297.26	10,235.3	994.0	256.5	0.89	0.83	25.17	-15.7	31.7	



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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)
10,444.0	0.97	246.46	10,330.3	994.1	254.8	1.02	-0.27	-53.47	-36.0	7.1
10,539.0	1.14	219.47	10,425.3	993.1	253.5	0.55	0.18	-28.41	-36.9	-10.4
10,634.0	1.14	223.25	10,520.3	991.7	252.3	0.08	0.00	3.98	-39.4	-7.9
10,729.0	1.23	241.71	10,615.2	990.5	250.7	0.41	0.09	19.43	-41.8	5.3
10,824.0	1.58	188.18	10,710.2	988.7	249.6	1.37	0.37	-56.35	-31.0	-31.3
10,919.0	1.76	175.26	10,805.2	986.0	249.6	0.44	0.19	-13.60	-26.0	-37.7
11,014.0	2.02	160.76	10,900.1	982.9	250.2	0.57	0.27	-15.26	-18.8	-43.4
11,109.0	2.11	190.21	10,995.1	979.6	250.5	1.11	0.09	31.00	-40.9	-27.7
11,204.0	1.49	221.06	11,090.0	977.0	249.4	1.19	-0.65	32.47	-52.1	-1.9
11,299.0	2.55	295.15	11,185.0	976.9	246.6	2.71	1.12	77.99	-18.5	50.8
11,393.0	2.37	284.95	11,278.9	978.3	242.9	0.50	-0.19	-10.85	-31.2	46.3
11,518.0	1.32	281.08	11,403.8	979.3	239.0	0.85	-0.84	-3.10	-38.3	43.9
11,622.0	0.88	294.18	11,507.8	979.8	237.0	0.48	-0.42	12.60	-29.3	51.7
11,717.0	1.32	274.49	11,602.8	980.2	235.3	0.60	0.46	-20.73	-46.8	38.6
11,800.0	1.39	258.21	11,685.8	980.1	233.4	0.47	0.09	-19.61	-57.7	23.6
KOP, MD:11800.0', TVD:11685.8', N/S:980.1', E/W:233.4', INC:1.39										
11,812.0	1.41	256.04	11,697.8	980.0	233.1	0.47	0.16	-18.12	-58.8	21.4
11,907.0	13.89	178.34	11,791.8	968.3	232.3	14.38	13.14	-81.79	-44.4	-54.7
11,922.2	16.79	176.52	11,806.5	964.3	232.4	19.32	19.06	-11.98	-46.2	-56.5
FTP Crossing, MD:11922.2', TVD:11806.5', N/S:964.3', E/W:232.4', INC:16.79										
12,001.0	31.92	172.28	11,878.0	932.1	236.0	19.32	19.20	-5.38	-70.5	-65.7
12,096.0	43.00	167.53	11,953.3	875.4	246.4	12.05	11.66	-5.00	-118.6	-76.1
12,191.0	44.76	165.33	12,021.8	811.4	261.8	2.45	1.85	-2.32	-166.5	-66.8
12,286.0	39.75	165.07	12,092.1	749.6	278.1	5.28	-5.27	-0.27	-186.8	-43.1
12,381.0	38.87	162.43	12,165.6	691.9	295.0	1.99	-0.93	-2.78	-170.2	-17.1
12,476.0	49.68	175.44	12,233.7	627.0	306.9	14.82	11.38	13.69	-132.6	21.7
12,571.0	62.61	186.69	12,286.6	548.5	304.8	16.76	13.61	11.84	-90.6	23.4



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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)
12,618.0	72.98	185.72	12,304.4	505.3	300.2	22.15	22.06	-2.06	-73.6	16.9
12,666.0	76.06	186.51	12,317.2	459.3	295.2	6.61	6.42	1.65	-61.0	11.7
12,713.0	77.21	186.95	12,328.0	413.9	289.9	2.61	2.45	0.94	-50.3	6.2
12,761.0	77.65	186.69	12,338.5	367.4	284.3	1.06	0.92	-0.54	-40.1	0.6
12,808.0	77.73	186.51	12,348.5	321.8	279.0	0.41	0.17	-0.38	-30.2	-4.6
12,856.0	80.72	183.17	12,357.5	274.8	275.1	9.25	6.23	-6.96	-21.4	-8.5
12,951.0	84.77	180.01	12,369.5	180.6	272.5	5.39	4.26	-3.33	-9.7	-10.9
13,046.0	89.08	179.92	12,374.6	85.8	272.5	4.54	4.54	-0.09	-5.0	-10.6
13,141.0	92.24	178.78	12,373.5	-9.2	273.6	3.54	3.33	-1.20	-6.4	-9.3
13,236.0	89.87	178.16	12,371.7	-104.1	276.1	2.58	-2.49	-0.65	-8.5	-6.6
13,331.0	89.16	177.64	12,372.5	-199.1	279.6	0.93	-0.75	-0.55	-8.0	-2.9
13,426.0	89.08	177.90	12,374.0	-294.0	283.3	0.29	-0.08	0.27	-6.9	1.0
13,521.0	89.16	181.68	12,375.4	-388.9	283.7	3.98	0.08	3.98	-5.7	1.5
13,616.0	84.59	181.68	12,380.6	-483.7	280.9	4.81	-4.81	0.00	-0.9	-1.1
13,711.0	84.68	182.74	12,389.5	-578.2	277.2	1.11	0.09	1.12	7.7	-4.6
13,806.0	90.04	179.57	12,393.9	-673.1	275.3	6.55	5.64	-3.34	11.7	-6.3
13,902.0	91.45	179.13	12,392.6	-769.1	276.4	1.54	1.47	-0.46	10.1	-5.0
13,996.0	92.33	178.69	12,389.5	-863.0	278.2	1.05	0.94	-0.47	6.7	-3.0
14,092.0	93.21	178.52	12,384.9	-958.9	280.5	0.93	0.92	-0.18	1.7	-0.5
14,187.0	92.24	177.99	12,380.4	-1,053.7	283.4	1.16	-1.02	-0.56	-3.1	2.6
14,282.0	87.76	179.04	12,380.4	-1,148.6	285.9	4.84	-4.72	1.11	-3.4	5.3
14,377.0	87.85	178.96	12,384.0	-1,243.6	287.5	0.13	0.09	-0.08	-0.1	7.1
14,472.0	87.32	180.71	12,388.0	-1,338.5	287.8	1.92	-0.56	1.84	3.6	7.6
14,597.0	87.23	180.19	12,394.0	-1,463.3	286.8	0.42	-0.07	-0.42	9.1	6.8
14,692.0	87.67	179.31	12,398.2	-1,558.2	287.3	1.03	0.46	-0.93	13.0	7.5
14,787.0	88.99	178.60	12,401.0	-1,653.2	289.0	1.58	1.39	-0.75	15.4	9.4
14,882.0	88.46	177.55	12,403.1	-1,748.1	292.2	1.24	-0.56	-1.11	17.2	12.8



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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)	
14,977.0	88.55	177.02	12,405.5	-1,842.9	296.7	0.57	0.09	-0.56	19.3	17.4	
15,072.0	87.23	176.41	12,409.0	-1,937.7	302.1	1.53	-1.39	-0.64	22.5	23.1	
15,167.0	88.02	179.48	12,413.0	-2,032.6	305.5	3.33	0.83	3.23	26.1	26.7	
15,262.0	89.69	178.78	12,414.9	-2,127.5	307.0	1.91	1.76	-0.74	27.7	28.3	
15,357.0	90.92	179.57	12,414.4	-2,222.5	308.3	1.54	1.29	0.83	26.9	29.9	
15,452.0	91.01	181.07	12,412.8	-2,317.5	307.8	1.58	0.09	1.58	24.9	29.5	
15,547.0	89.43	181.15	12,412.4	-2,412.5	306.0	1.67	-1.66	0.08	24.2	27.9	
15,642.0	86.26	179.57	12,416.0	-2,507.4	305.4	3.73	-3.34	-1.66	27.5	27.5	
15,737.0	86.44	180.36	12,422.0	-2,602.2	305.4	0.85	0.19	0.83	33.2	27.7	
15,832.0	86.97	180.80	12,427.5	-2,697.0	304.5	0.72	0.56	0.46	38.3	27.0	
15,927.0	86.79	180.54	12,432.7	-2,791.9	303.3	0.33	-0.19	-0.27	43.2	26.0	
16,022.0	87.23	180.10	12,437.6	-2,886.8	302.8	0.65	0.46	-0.46	47.8	25.7	
16,117.0	87.93	180.36	12,441.6	-2,981.7	302.4	0.79	0.74	0.27	51.5	25.5	
16,212.0	89.52	180.71	12,443.7	-3,076.6	301.5	1.71	1.67	0.37	53.3	24.8	
16,307.0	90.48	180.63	12,443.7	-3,171.6	300.4	1.01	1.01	-0.08	52.9	23.9	
16,402.0	91.45	181.24	12,442.1	-3,266.6	298.9	1.21	1.02	0.64	51.0	22.5	
16,497.0	90.57	182.38	12,440.5	-3,361.5	295.9	1.52	-0.93	1.20	49.0	19.7	
16,592.0	88.02	181.42	12,441.6	-3,456.5	292.7	2.87	-2.68	-1.01	49.9	16.8	
16,687.0	88.29	181.77	12,444.7	-3,551.4	290.1	0.47	0.28	0.37	52.6	14.3	
16,782.0	88.46	180.63	12,447.4	-3,646.3	288.1	1.21	0.18	-1.20	55.0	12.5	
16,876.0	88.20	181.68	12,450.1	-3,740.3	286.2	1.15	-0.28	1.12	57.4	10.8	
16,971.0	90.40	183.17	12,451.3	-3,835.2	282.2	2.80	2.32	1.57	58.2	7.0	
17,069.0	87.23	180.63	12,453.7	-3,935.1	278.3	3.44	-2.69	-2.15	60.2	3.3	
17,140.0	87.14	181.33	12,456.2	-4,004.0	277.4	1.38	-0.18	1.37	62.6	2.5	
17,187.0	88.11	181.33	12,458.2	-4,050.9	276.3	2.06	2.06	0.00	64.3	1.5	
17,275.0	87.14	179.92	12,461.8	-4,138.9	275.4	1.94	-1.10	-1.60	67.5	0.8	
17,330.0	87.41	179.31	12,464.4	-4,193.8	275.7	1.21	0.49	-1.11	69.6	1.3	



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Fearless 26 Fed Com
Well: #720H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #720H
TVD Reference: KB = 26' @ 3423.0usft
MD Reference: KB = 26' @ 3423.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)	
17,425.0	88.64	179.92	12,467.7	-4,288.7	276.4	1.45	1.29	0.64	71.9	2.1	
17,520.0	87.32	180.45	12,471.1	-4,383.7	276.1	1.50	-1.39	0.56	74.3	2.0	
17,615.0	86.97	180.01	12,475.8	-4,478.5	275.7	0.59	-0.37	-0.46	78.1	1.8	
17,710.0	87.76	180.27	12,480.2	-4,573.4	275.4	0.88	0.83	0.27	81.5	1.7	
17,805.0	89.16	180.80	12,482.7	-4,668.4	274.6	1.58	1.47	0.56	83.1	1.0	
17,899.0	87.67	180.80	12,485.3	-4,762.4	273.2	1.59	-1.59	0.00	84.8	-0.1	
17,931.0	86.97	181.24	12,486.8	-4,794.3	272.7	2.58	-2.19	1.37	86.0	-0.6	
17,994.0	87.32	182.21	12,490.0	-4,857.2	270.8	1.64	0.56	1.54	88.5	-2.4	
18,089.0	85.47	181.24	12,495.9	-4,952.0	267.9	2.20	-1.95	-1.02	93.5	-5.1	
18,184.0	85.65	181.07	12,503.3	-5,046.7	266.0	0.26	0.19	-0.18	99.9	-6.8	
18,279.0	87.05	181.42	12,509.3	-5,141.4	264.0	1.52	1.47	0.37	105.0	-8.6	
18,374.0	86.88	181.59	12,514.4	-5,236.3	261.5	0.25	-0.18	0.18	108.7	-11.0	
18,469.0	86.70	181.33	12,519.7	-5,331.1	259.1	0.33	-0.19	-0.27	112.8	-13.2	
18,564.0	87.58	181.33	12,524.4	-5,426.0	256.8	0.93	0.93	0.00	116.3	-15.2	
18,659.0	88.02	181.15	12,528.1	-5,520.9	254.8	0.50	0.46	-0.19	118.7	-17.0	
18,754.0	88.46	180.19	12,531.0	-5,615.8	253.7	1.11	0.46	-1.01	120.4	-17.9	
18,849.0	88.64	180.45	12,533.4	-5,710.8	253.2	0.33	0.19	0.27	121.6	-18.3	
18,944.0	90.22	180.71	12,534.3	-5,805.8	252.2	1.69	1.66	0.27	121.3	-19.1	
19,039.0	90.04	180.10	12,534.1	-5,900.8	251.5	0.67	-0.19	-0.64	119.9	-19.5	
19,134.0	87.14	179.75	12,536.5	-5,995.7	251.6	3.07	-3.05	-0.37	121.0	-19.2	
19,230.0	86.53	179.83	12,541.8	-6,091.6	252.0	0.64	-0.64	0.08	125.0	-18.7	
19,324.0	86.09	179.40	12,547.8	-6,185.4	252.6	0.65	-0.47	-0.46	129.8	-17.8	
19,419.0	85.47	179.31	12,554.8	-6,280.1	253.7	0.66	-0.65	-0.09	135.6	-16.6	
19,514.0	85.82	180.19	12,562.0	-6,374.8	254.1	0.99	0.37	0.93	141.6	-16.0	
19,609.0	86.53	179.57	12,568.3	-6,469.6	254.3	0.99	0.75	-0.65	146.7	-15.6	
19,704.0	87.23	179.22	12,573.5	-6,564.5	255.3	0.82	0.74	-0.37	150.6	-14.4	
19,799.0	87.23	179.40	12,578.1	-6,659.4	256.4	0.19	0.00	0.19	154.0	-13.0	



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Fearless 26 Fed Com
Well: #720H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #720H
TVD Reference: KB = 26' @ 3423.0usft
MD Reference: KB = 26' @ 3423.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
19,894.0	88.72	179.57	12,581.5	-6,754.3	257.3	1.58	1.57	0.18	156.1	-12.0
19,989.0	89.25	179.22	12,583.1	-6,849.3	258.3	0.67	0.56	-0.37	156.5	-10.8
20,084.0	89.78	177.90	12,583.9	-6,944.2	260.7	1.50	0.56	-1.39	156.1	-8.2
20,116.0	90.40	178.16	12,583.9	-6,976.2	261.8	2.10	1.94	0.81	155.6	-7.0
20,179.0	90.31	178.34	12,583.5	-7,039.2	263.7	0.32	-0.14	0.29	154.4	-5.0
20,274.0	91.63	179.13	12,581.9	-7,134.2	265.8	1.62	1.39	0.83	151.6	-2.7
20,369.0	91.80	178.52	12,579.1	-7,229.1	267.8	0.67	0.18	-0.64	147.5	-0.5
20,463.0	90.57	177.90	12,577.1	-7,323.0	270.7	1.47	-1.31	-0.66	144.3	2.6
20,558.0	90.22	177.73	12,576.5	-7,417.9	274.3	0.41	-0.37	-0.18	142.4	6.4
20,653.0	92.95	180.54	12,573.8	-7,512.9	275.8	4.12	2.87	2.96	139.3	8.0
20,748.0	92.51	179.57	12,569.3	-7,607.8	275.7	1.12	-0.46	-1.02	134.3	8.1
20,843.0	91.45	179.57	12,566.0	-7,702.7	276.4	1.12	-1.12	0.00	130.5	9.0
20,938.0	92.33	180.45	12,562.9	-7,797.7	276.4	1.31	0.93	0.93	126.9	9.2
21,032.0	89.78	180.63	12,561.2	-7,891.6	275.5	2.72	-2.71	0.19	124.7	8.4
21,127.0	90.48	181.42	12,560.9	-7,986.6	273.8	1.11	0.74	0.83	124.0	6.9
21,222.0	90.31	181.07	12,560.3	-8,081.6	271.7	0.41	-0.18	-0.37	122.9	5.1
21,317.0	89.60	180.54	12,560.4	-8,176.6	270.4	0.93	-0.75	-0.56	122.5	3.9
21,412.0	88.90	180.01	12,561.6	-8,271.6	269.9	0.92	-0.74	-0.56	123.2	3.7
21,507.0	89.16	180.27	12,563.2	-8,366.6	269.7	0.39	0.27	0.27	124.3	3.6
21,601.0	90.84	181.07	12,563.2	-8,460.5	268.6	1.98	1.79	0.85	123.9	2.7
21,696.0	92.07	181.86	12,560.8	-8,555.5	266.2	1.54	1.29	0.83	121.0	0.5
21,791.0	92.77	181.77	12,556.8	-8,650.3	263.2	0.74	0.74	-0.09	116.5	-2.4
21,886.0	90.48	180.27	12,554.1	-8,745.3	261.5	2.88	-2.41	-1.58	113.3	-3.8
21,980.0	92.51	180.80	12,551.6	-8,839.2	260.6	2.23	2.16	0.56	110.4	-4.5
22,119.0	88.72	178.87	12,550.2	-8,978.2	261.0	3.06	-2.73	-1.39	108.2	-3.8
22,170.0	88.72	178.78	12,551.3	-9,029.2	262.0	0.18	0.00	-0.18	109.1	-2.7
22,265.0	90.31	178.34	12,552.1	-9,124.1	264.4	1.74	1.67	-0.46	109.4	-0.1



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #720H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3423.0usft
Site:	Fearless 26 Fed Com	MD Reference:	KB = 26' @ 3423.0usft
Well:	#720H	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)
22,359.0	90.75	177.81	12,551.2	-9,218.1	267.6	0.73	0.47	-0.56	108.1	3.3
Last MWD Survey (MD=22359.0')										
22,528.0	90.75	177.81	12,549.0	-9,386.9	274.0	0.00	0.00	0.00	105.0	10.0
Projection to Bit (MD=22528.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,800.0	11,685.8	980.1	233.4	KOP, MD:11800.0', TVD:11685.8', N/S:980.1', E/W:233.4', INC:1.39
11,922.2	11,806.5	964.3	232.4	FTP Crossing, MD:11922.2', TVD:11806.5', N/S:964.3', E/W:232.4', INC:16.79
22,359.0	12,551.2	-9,218.1	267.6	Last MWD Survey (MD=22359.0')
22,528.0	12,549.0	-9,386.9	274.0	Projection to Bit (MD=22528.0')

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 02/07/2022



Lea County, NM (NAD 83 NME)

Fearless 26 Fed Com #720H

Plan #1

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

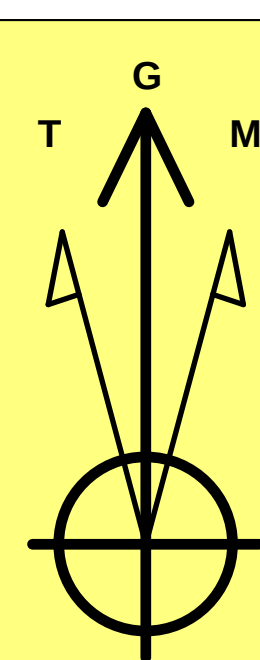
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #720H

KB = 26' @ 3423.0usft
Northing 402924.00 Easting 755895.00 Latitude 32.1058217°N Longitude 103.6403961°W

Azimuths to Grid North
True North: -0.37°
Magnetic North: 6.22°

Magnetic Field
Strength: 47436.0nT
Dip Angle: 59.79°
Date: 4/9/2021
Model: IGRF2020



To convert a Magnetic Direction to a Grid Direction, Add 6.22°
To convert a Magnetic Direction to a True Direction, Add 6.59° East
To convert a True Direction to a Grid Direction, Subtract 0.37°

SECTION DETAILS

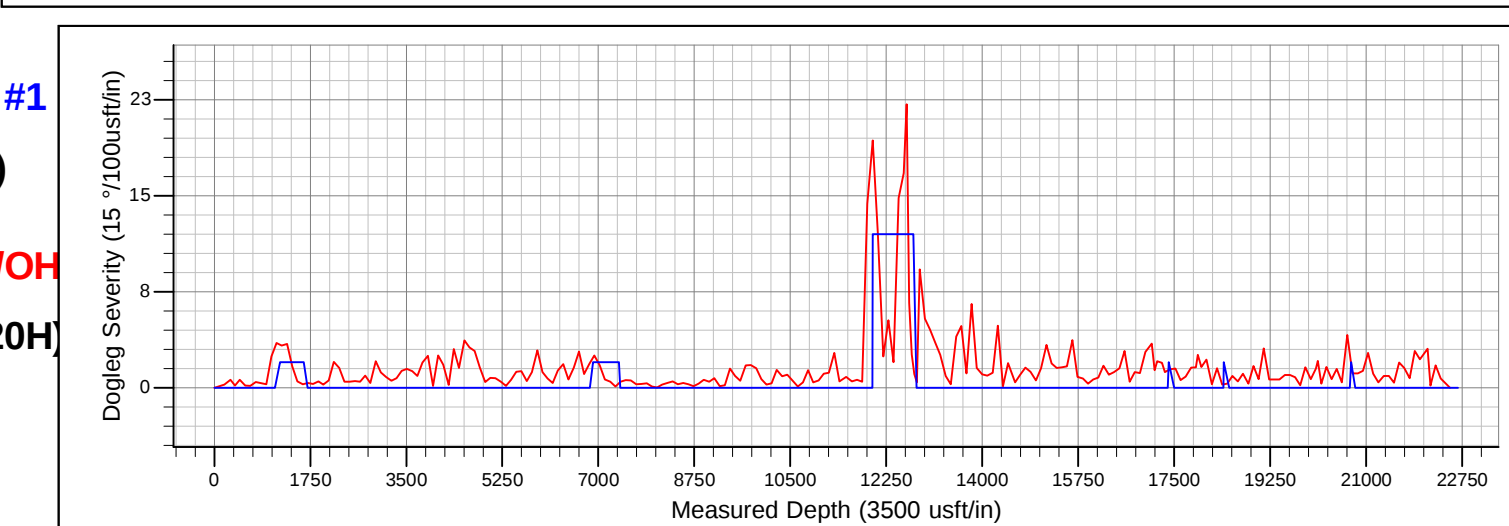
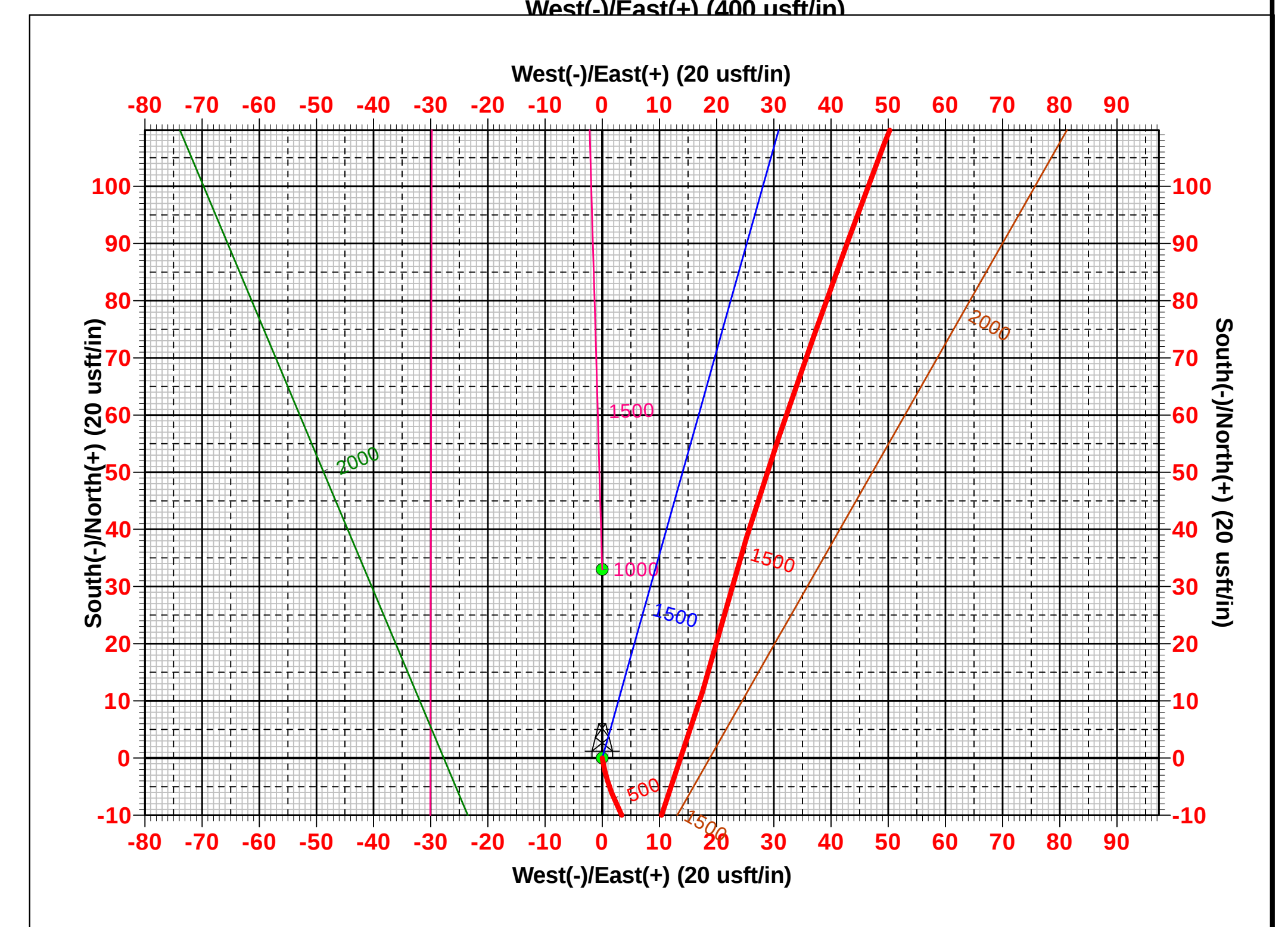
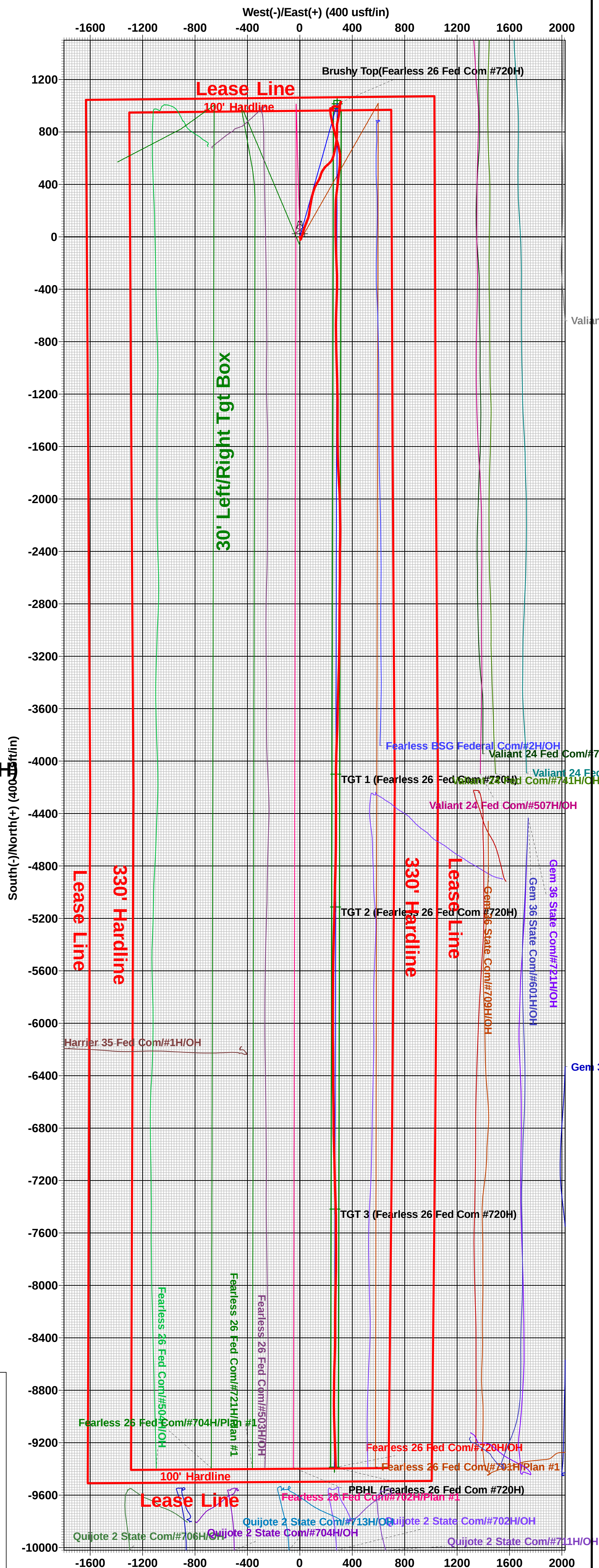
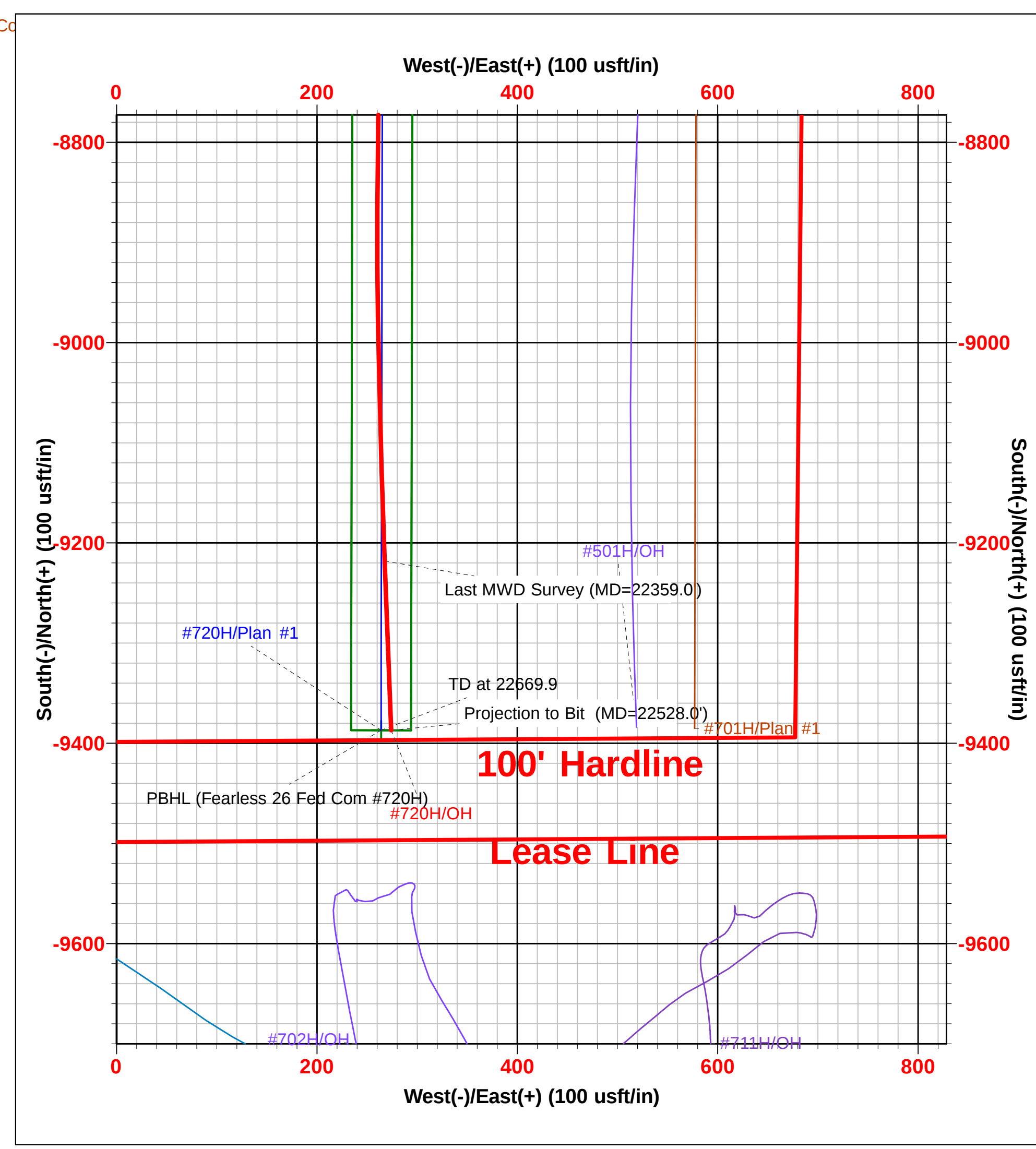
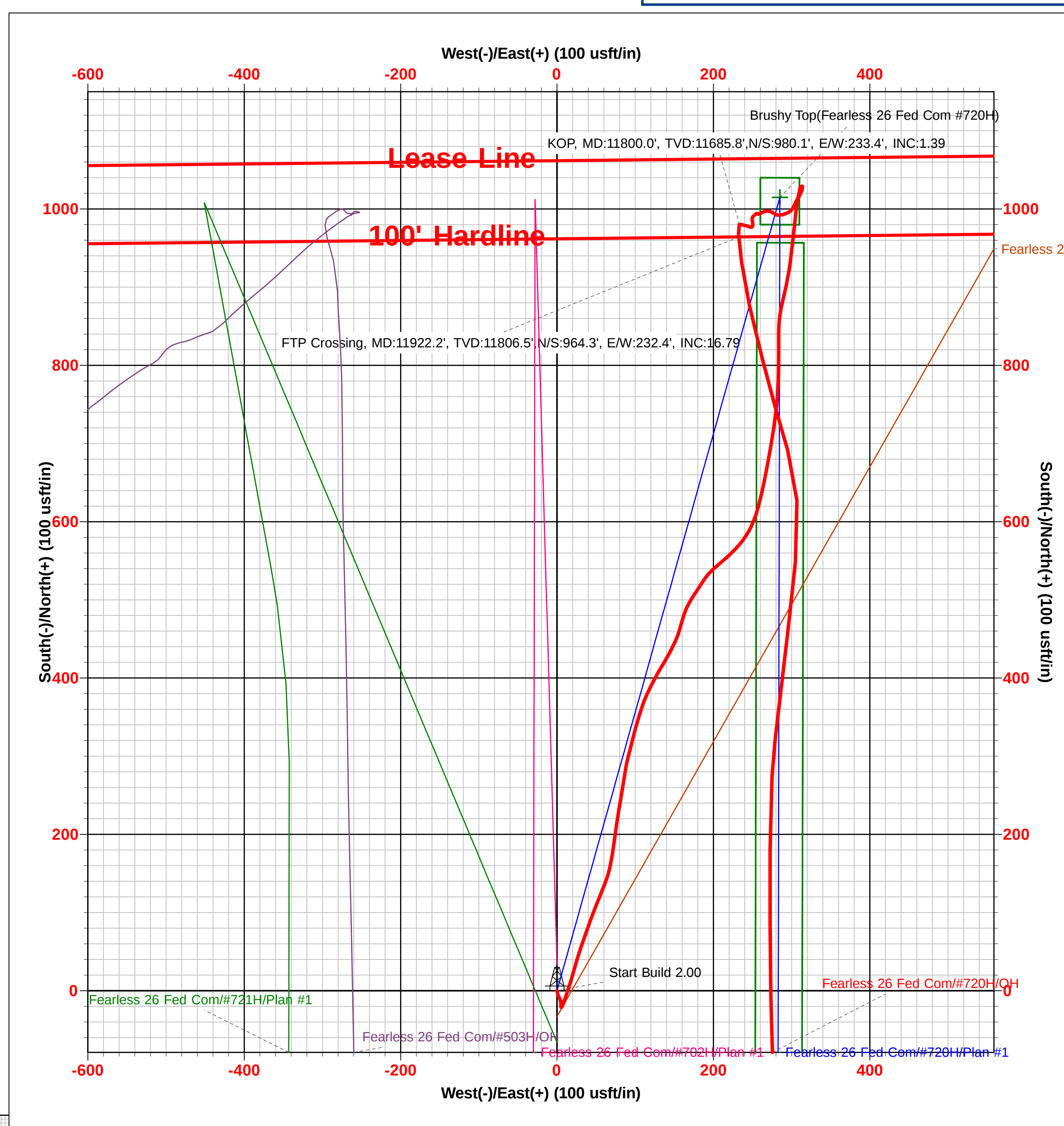
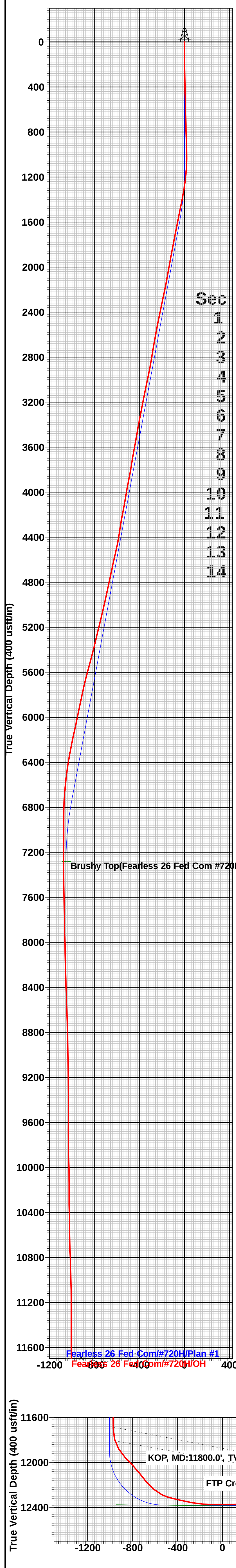
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
1628.5	10.57	15.68	1625.5	46.8	13.1	2.00	15.68	-46.4	
6846.0	10.57	15.68	6754.5	968.2	271.9	0.00	0.00	-960.2	
7374.5	0.00	180.12	7280.0	1015.0	285.0	2.00	180.00	-1006.6	Brushy Top(Fearless 26 Fed Com #720H)
11995.0	0.00	180.12	11900.5	1015.0	285.0	0.00	180.12	-1006.6	
12743.4	89.80	180.12	12378.0	539.2	284.0	12.00	180.12	-531.0	
17382.5	89.80	180.12	12394.0	-4099.9	274.7	0.00	0.00	4106.0	TGT 1 (Fearless 26 Fed Com #720H)
17401.0	89.43	180.12	12394.1	-4118.5	274.6	2.00	180.00	4124.6	TGT 2 (Fearless 26 Fed Com #720H)
18395.0	89.43	180.12	12404.0	-5112.4	272.6	0.00	0.00	5118.0	TGT 3 (Fearless 26 Fed Com #720H)
18403.9	89.25	180.12	12404.1	-5121.2	272.6	2.00	-180.00	5126.9	
20700.2	89.25	180.12	12434.0	-7417.4	268.0	0.00	0.00	7422.0	
20723.1	89.71	180.12	12434.2	-7440.3	267.9	2.00	0.00	7444.9	
22669.9	89.71	180.12	12444.0	-9387.0	264.0	0.00	0.00	9390.7	PBHL (Fearless 26 Fed Com #720H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Fearless 26 Fed Com #720H)	7280.0	1015.0	285.0	403939.00	756180.00
TGT 1 (Fearless 26 Fed Com #720H)	12394.0	-4099.9	274.7	398824.10	756169.67
TGT 2 (Fearless 26 Fed Com #720H)	12404.0	-5112.4	272.6	397811.60	756167.63
TGT 3 (Fearless 26 Fed Com #720H)	12434.0	-7417.4	268.0	395506.60	756162.98
PBHL (Fearless 26 Fed Com #720H)	12444.0	-9387.0	264.0	393537.00	756159.00



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: FEARLESS 26 FED COM	Well Location: T25S / R32E / SEC 26 / NENE / 32.1058223 / -103.6403967	County or Parish/State: LEA / NM
Well Number: 720H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM110836	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548347	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notification

Sundry ID:	2656083	Type of Action:	First Production
Type of Submission:	Notification	Time Sundry Submitted:	9:38:14 AM
Date Sundry Submitted:	Feb 8, 2022		
First Production Date:	Jan 12, 2022		
US Well Number:	3002548347		
First Production Remarks:	FEARLESS 26 FEDERAL COM 720H 05/24/2021 RIG RELEASED 06/16/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI 07/25/2021 BEGIN PERF AND FRAC 08/10/2021 FINISH 53 STAGES PERF & FRAC, 12,650 – 22,501' W/ 3 1/8" 2511 SHOTS, FRAC 24,144,245 LBS PROPPANT + 405,851 BBLS LOAD FLUID 08/14/2021 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE 01/12/2022 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION		
Disposition:	Accepted		
Accepted Date:	02/17/2022		

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 FEARLESS 26 FEDERAL COM		
								6. Well Number: 720H		
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 S253309P; UPPER WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	26	25S	32E		1062	NORTH	1032	EAST	LEA
BH:	P	35	25S	32E		108	SOUTH	733	EAST	LEA
13. Date Spudded 01/21/2021	14. Date T.D. Reached 05/23/2021		15. Date Rig Released 05/24/2021			16. Date Completed (Ready to Produce) 01/12/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3398' GL		
18. Total Measured Depth of Well MD 22,528' TVD 12,549'			19. Plug Back Measured Depth MD 22,501' TVD 12,549'			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 12,650 - 22,501'										
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#		837'		12 1/4"		385 CL C/CIRC		
7 5/8"		29.7#		11,566'		8 3/4"		1679 CL C&H /CIRC		
5 1/2"		20#		22,511'		6 3/4"		995 CL H TOC 10,640' 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) 12,650 - 22,501' 3 1/8", 2511 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,650 - 22,501'		FRAC W 24,144,245 lbs proppant, 405,851 bbls load fld		
28. PRODUCTION										
Date First Production 01/12/2022		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 01/19/2022	Hours Tested 24	Choke Size 68	Prod'n For Test Period	Oil - Bbl 2988	Gas - MCF 8794	Water - Bbl. 4521	Gas - Oil Ratio 2943			
Flow Tubing Press.	Casing Pressure 1965	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 47				
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 Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 02/07/2022 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	728'	T. Canyon	Brushy	7185'	T. Ojo Alamo	T. Penn A"
T. Salt		1065'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4523'	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	9914'		T. Entrada	
T. Wolfcamp	12,012'		T. 2nd BS Sand	10,409'		T. Wingate	
T. Penn			T. 3rd BS Sand	11,549'		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 346763

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 346763
	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 346763

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 346763
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	6/9/2024