

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 02/18/2022	
⁴ API Number 30 - 015 -48555	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)		⁶ Pool Code 98220
⁷ Property Code 329970	⁸ Property Name DEEP ELEM 4 FEDERAL COM		⁹ Well Number 727H

II. ¹⁰ Surface Location

UL or lot no. O	Section 4	Township 26S	Range 31E	Lot Idn	Feet from the 408	North/South Line SOUTH	Feet from the 1998	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. O	Section 16	Township 26S	Range 31E	Lot Idn	Feet from the 341	North/South line SOUTH	Feet from the 2621	East/West line EAST	County EDDY
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 09/03/2021	²² Ready Date 02/18/2022	²³ TD 22,128'	²⁴ PBDT 22,105'	²⁵ Perforations 12,155 - 22,105'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12 1/4"		9 5/8"	1288'		600 SXS CL C/CIRC
8 3/4"		7 5/8"	10,947'		1432 SXS CL C/CIRC
6 3/4"		5 1/2"	22,113'		1060 SXS CL H TOC 11,280' CBL PRESSURE TEST ATTACHED

V. Well Test Data

³¹ Date New Oil 02/18/2022	³² Gas Delivery Date 02/18/2022	³³ Test Date 02/28/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3015
³⁷ Choke Size 46	³⁸ Oil 2193	³⁹ Water 6758	⁴⁰ Gas 10,453		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: <i>Dean R McClure</i>		
Printed name: Kay Maddox			Title: Petroleum Engineer		
Title: SENIOR REGULATORY SPECIALIST			Approval Date: 11/17/2023		
E-mail Address: kay_maddox@eogresources.com					
Date: 03/04/2022		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 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) 476-3460 Fax: (505) 476-3462

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

As-Completed Plat
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

AS-COMPLETED PLAT

API Number 30-015-48555	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code 329970	Property Name DEEP ELEM 4 FED COM	Well Number 727H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3279'

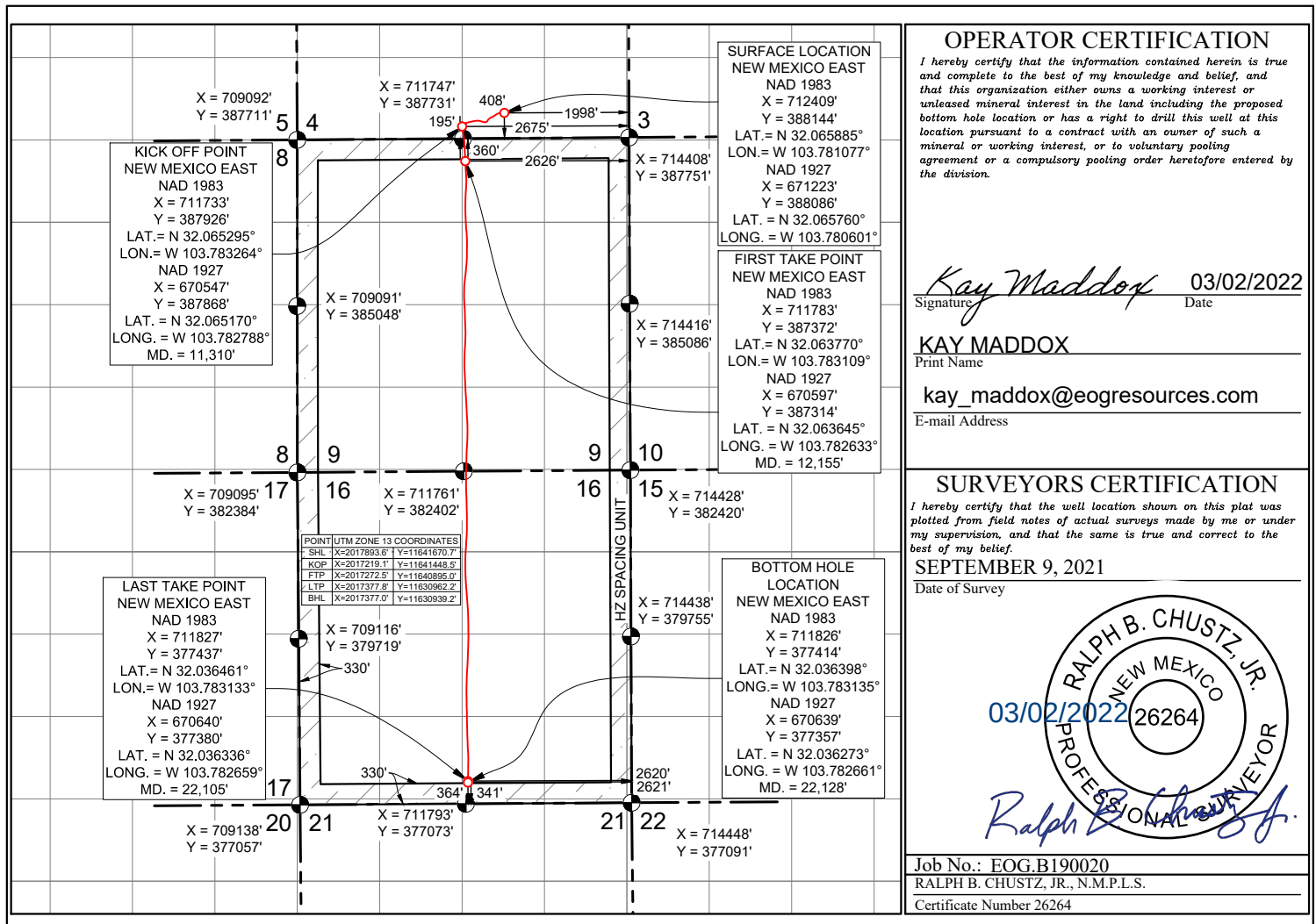
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	4	26 S	31 E		408	SOUTH	1998	EAST	EDDY

Bottom 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
O	16	26 S	31 E		341	SOUTH	2621	EAST	EDDY
Dedicated Acres 1280.00	Joint or Infill	Consolidated Code	Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Eddy County, NM (NAD 83 NME)

Deep Elem 4 Fed Com #727H

Nabors M1206

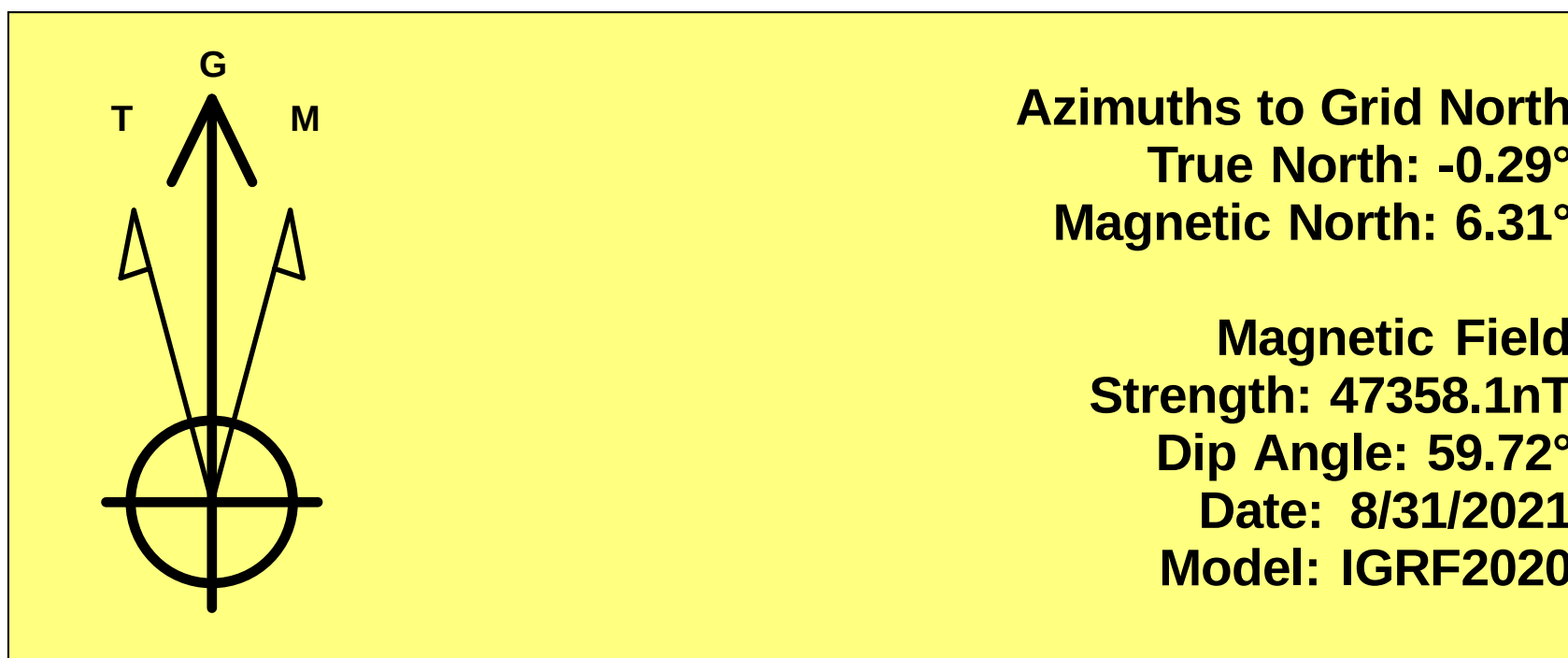
OH

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

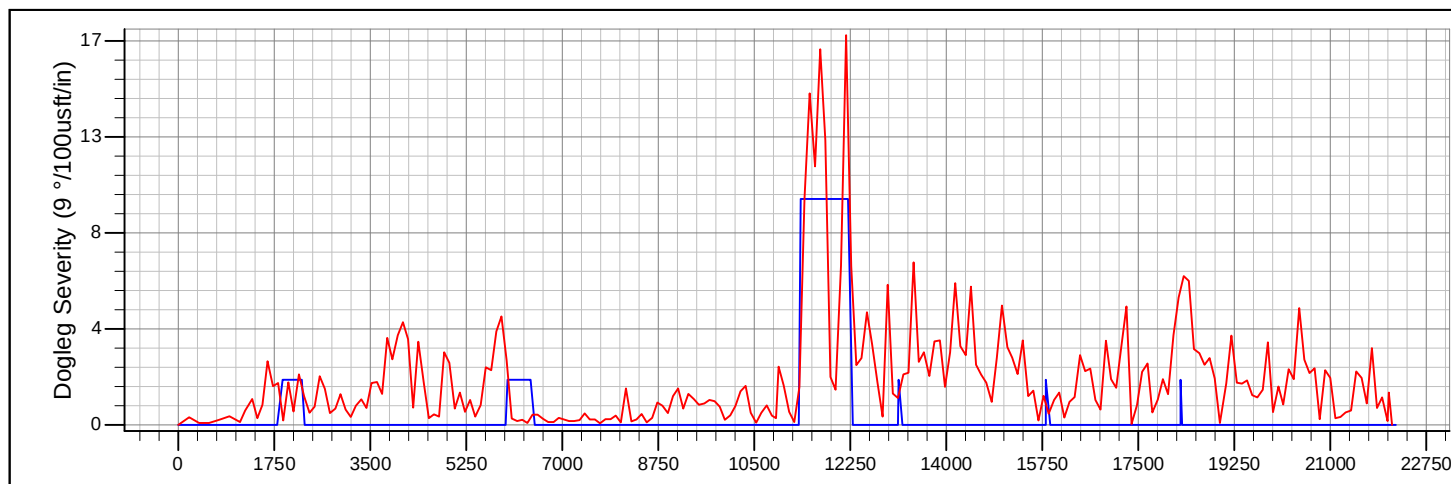
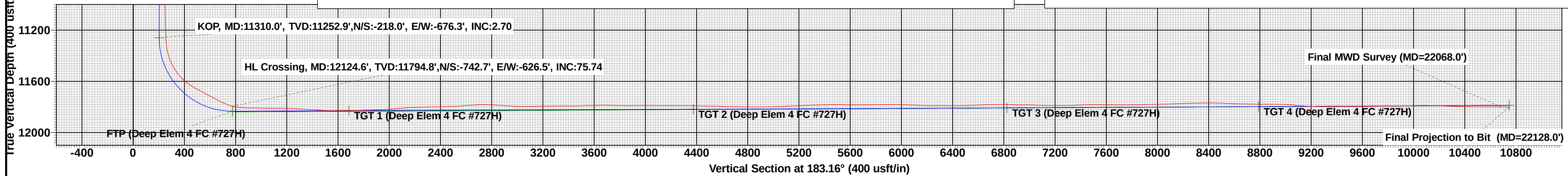
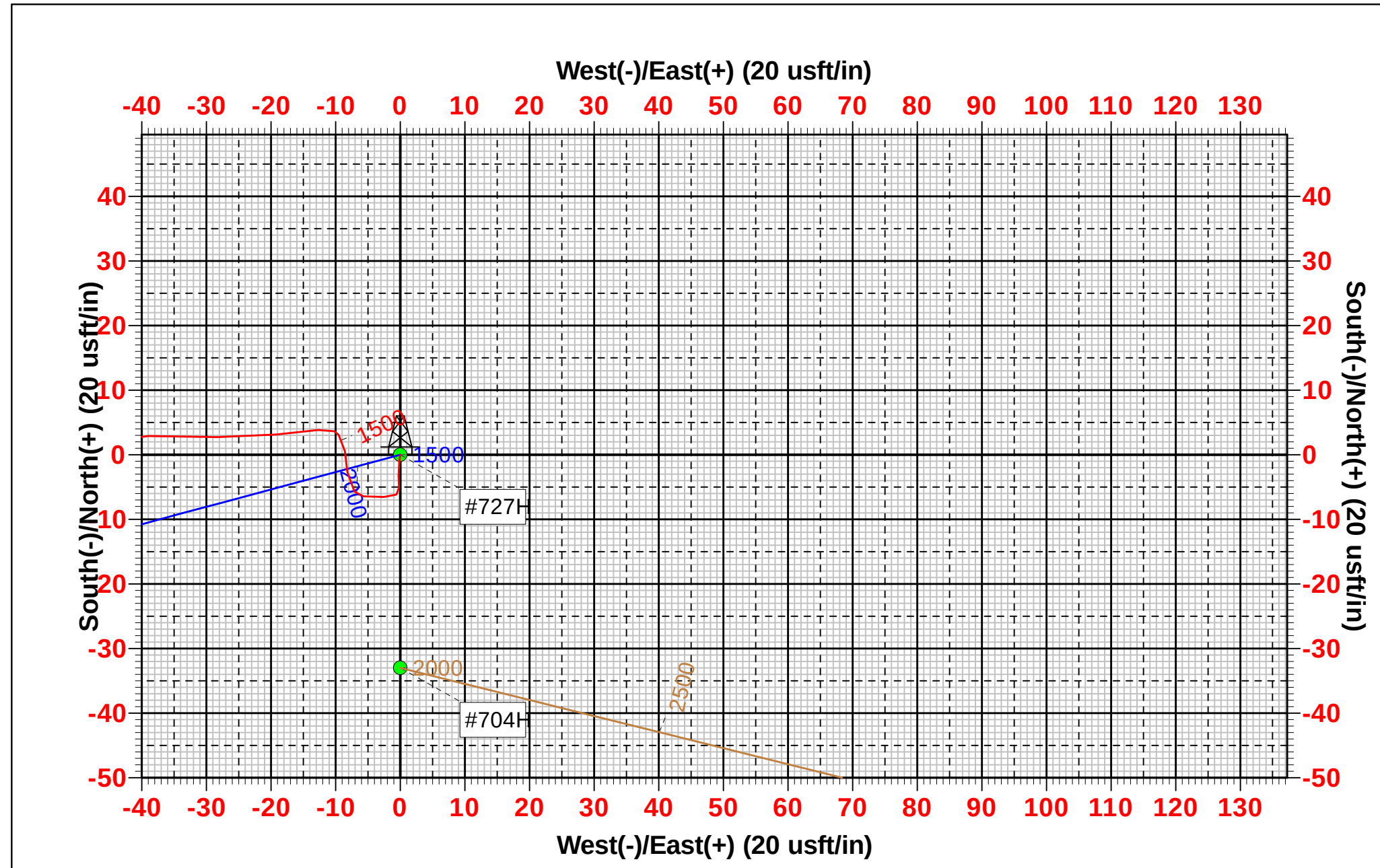
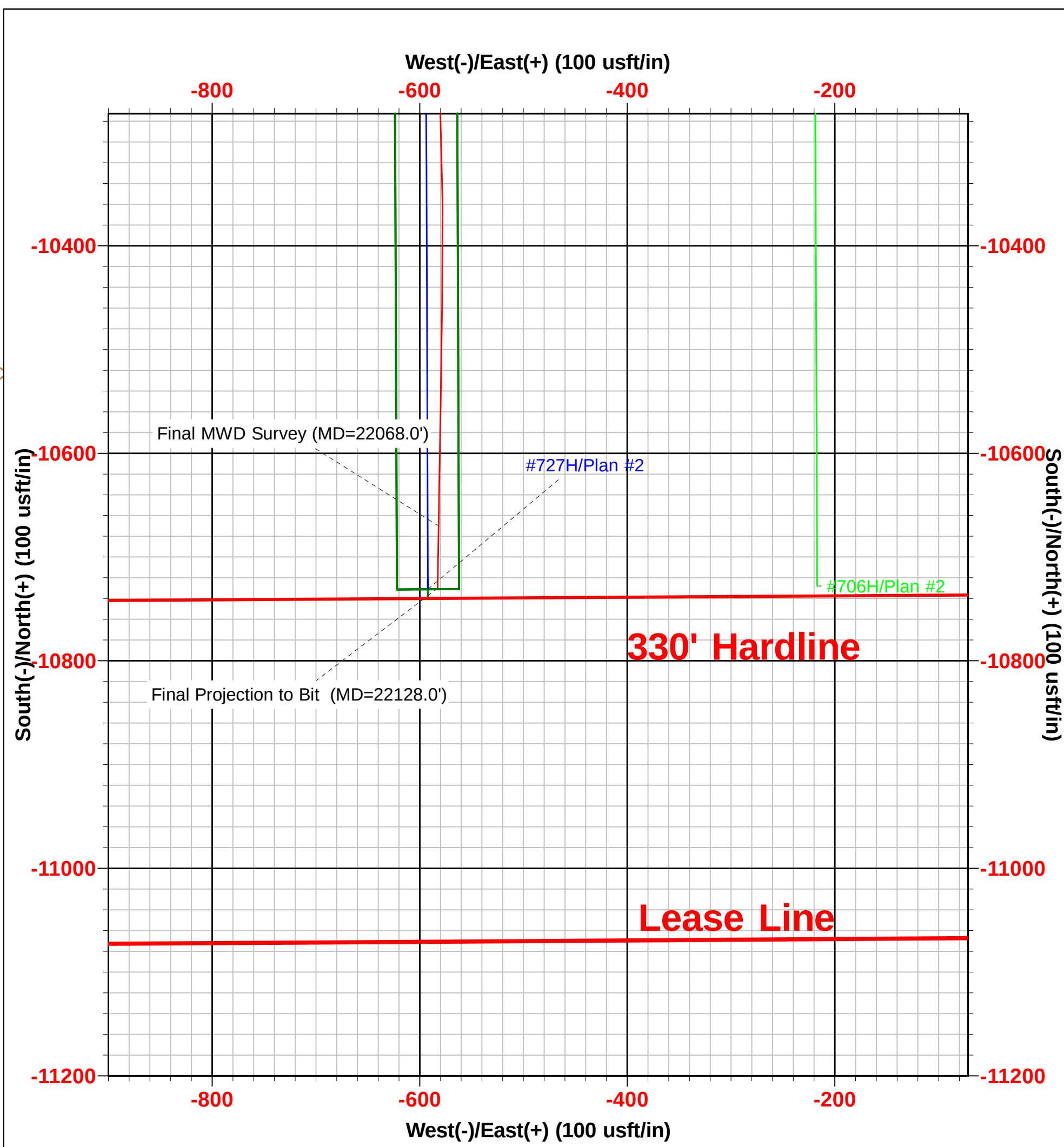
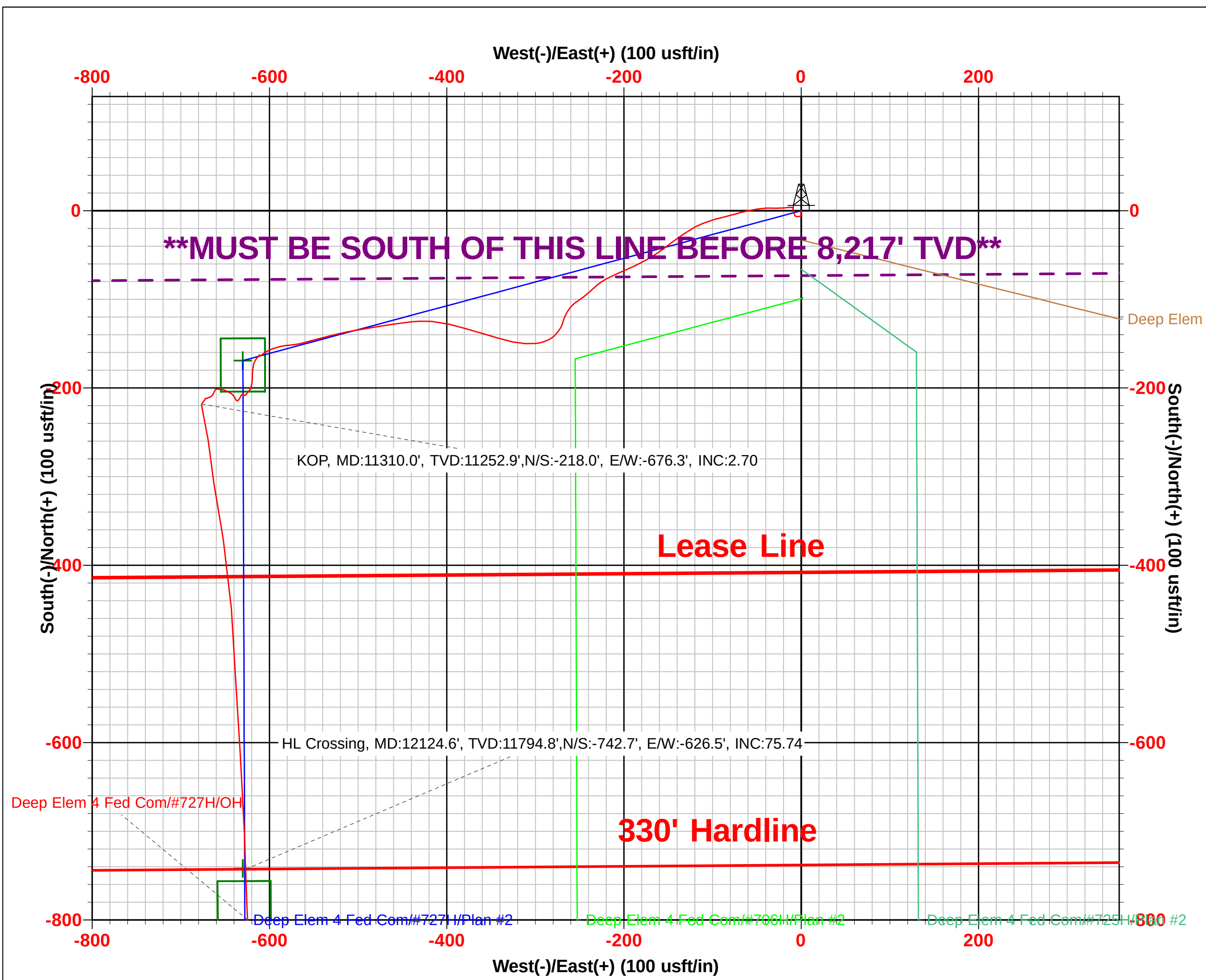
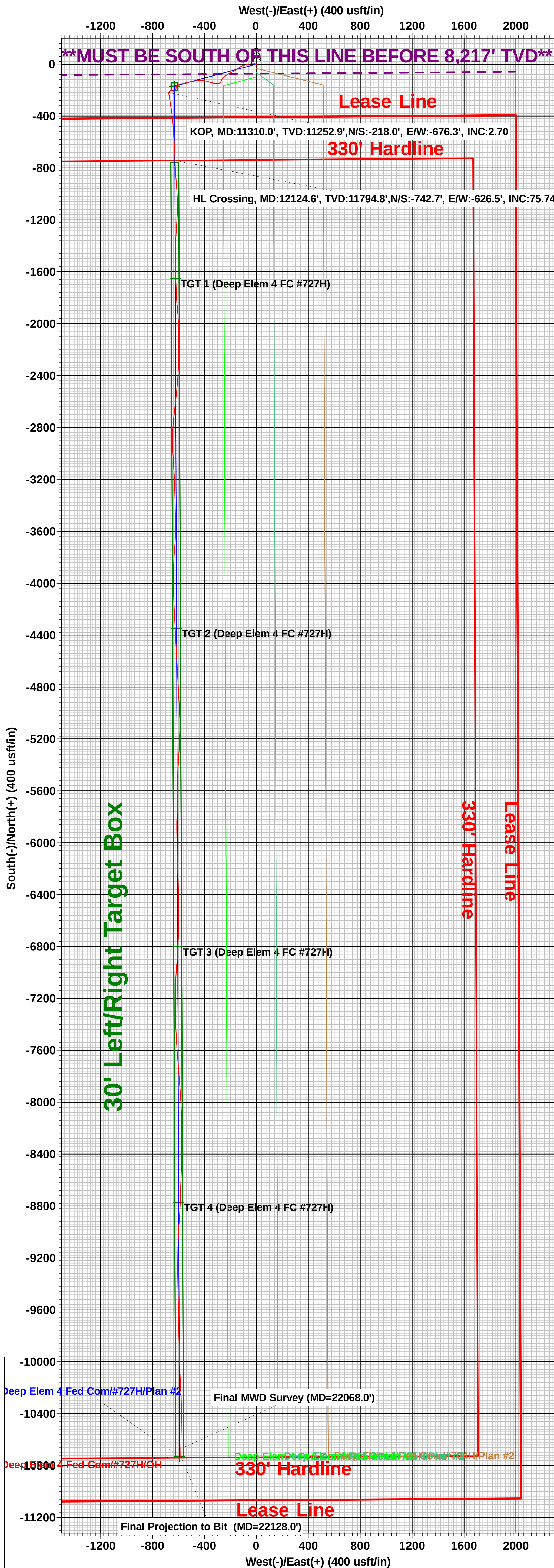
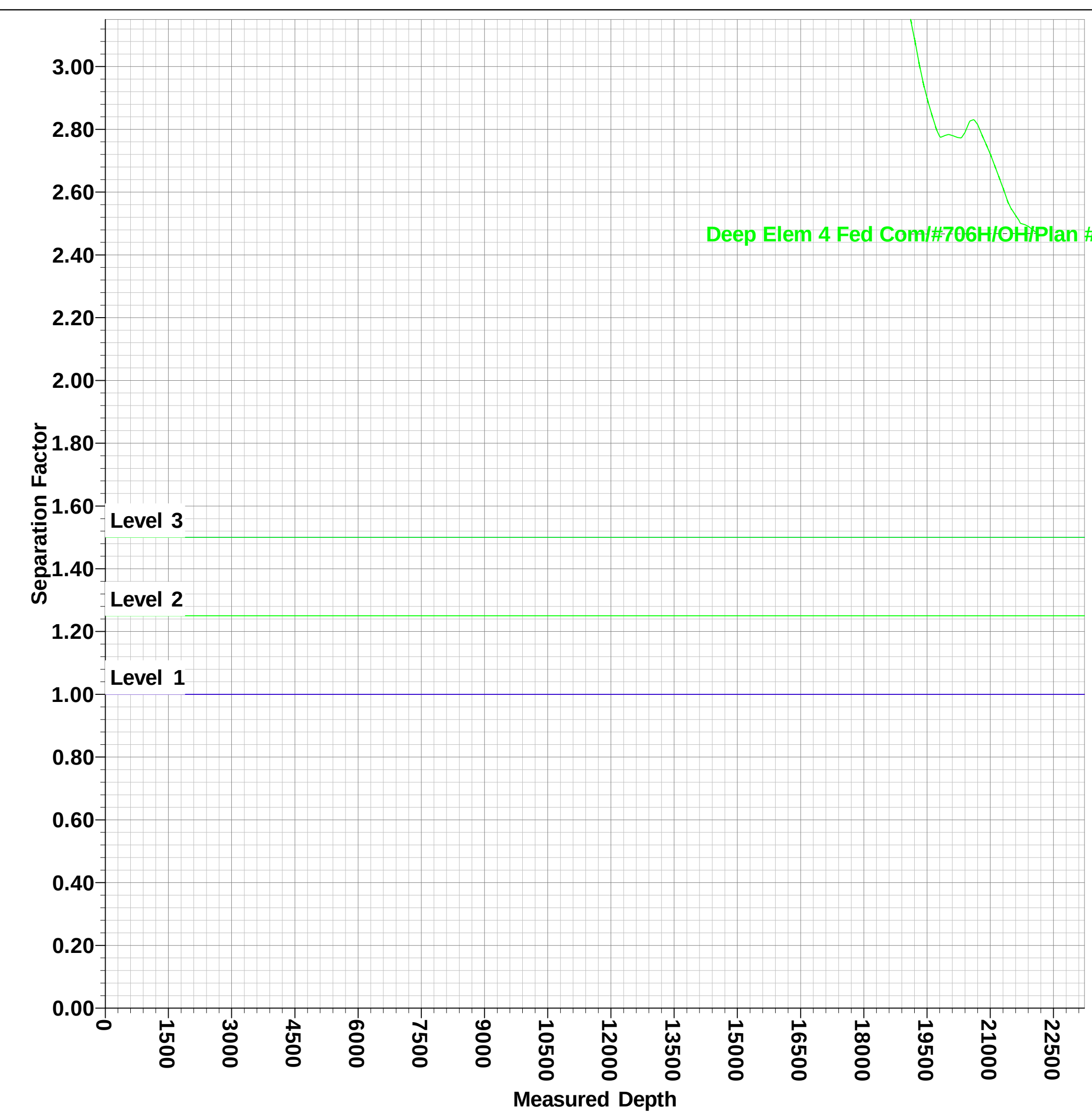
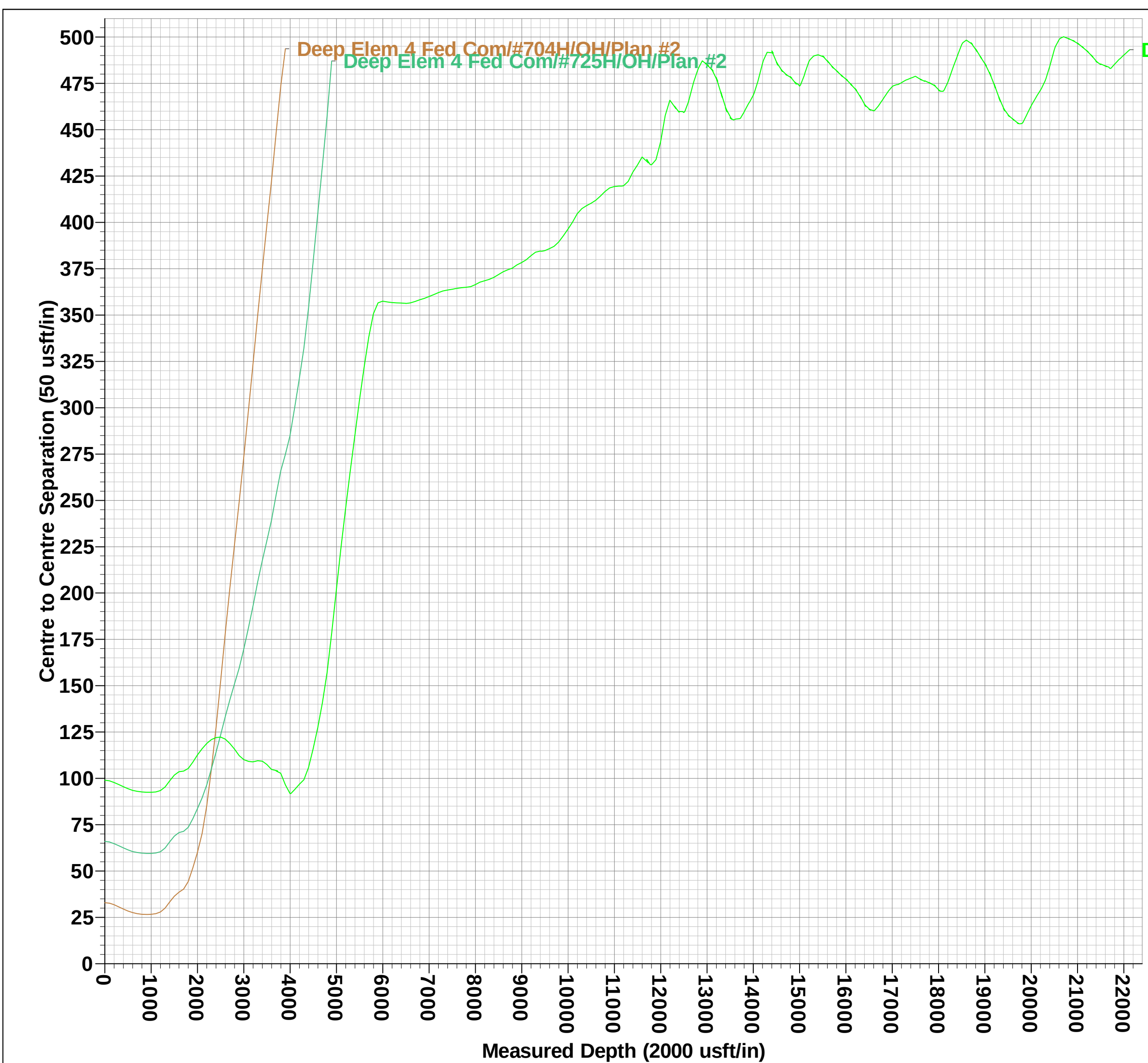
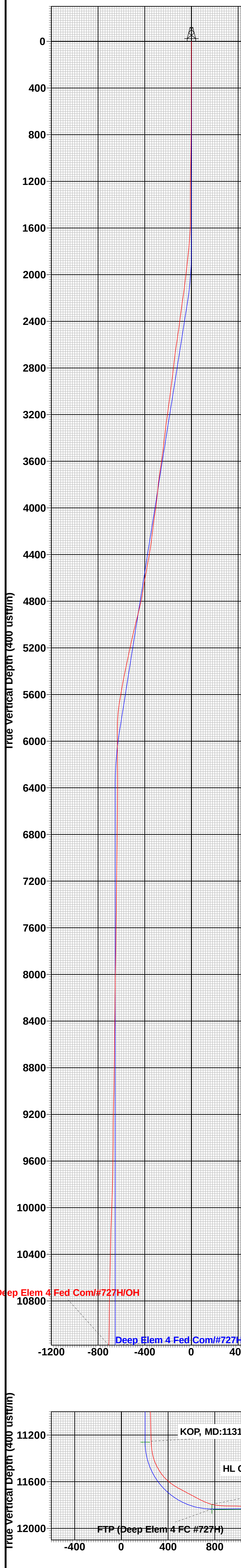
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #727H

KB = 32' @ 3311.0usft (Nabors M1206) 3279.0
Northing 388144.00 Easting 712409.00 Latitude 32° 3' 57.184 N Longitude 103° 46' 51.877 W



To convert a Magnetic Direction to a Grid Direction, Add 6.31°
To convert a Magnetic Direction to a True Direction, Add 6.61° East
To convert a True Direction to a Grid Direction, Subtract 0.29°





Midland

Eddy County, NM (NAD 83 NME)

Deep Elem 4 Fed Com

#727H

OH

Design: OH

Final PVA

04 October, 2021



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Project		Eddy 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		Deep Elem 4 Fed Com			
Site Position:		Northing:		388,239.00 usft	
From:	Map	Easting:		713,374.00 usft	
Position Uncertainty:		Slot Radius:		13-3/16 "	
				Latitude: 32° 3' 58.075 N	
				Longitude: 103° 46' 40.657 W	
				Grid Convergence: 0.29 °	

Well		#727H				
Well Position	+N/-S	0.0 usft	Northing:	388,144.00 usft	Latitude:	32° 3' 57.184 N
	+E/-W	0.0 usft	Easting:	712,409.00 usft	Longitude:	103° 46' 51.877 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,279.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/31/2021	6.61	59.72	47,358.09885589

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	183.16

Survey Program		Date	10/4/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
198.0	22,128.0	SDI MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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	
198.0	0.68	188.65	198.0	-1.2	-0.2	0.34	0.34	0.00	-1.2	0.0	
380.0	0.65	175.95	380.0	-3.3	-0.3	0.08	-0.02	-6.98	-3.2	-0.5	
561.0	0.51	180.86	561.0	-5.1	-0.2	0.08	-0.08	2.71	-5.1	-0.1	
745.0	0.27	236.61	745.0	-6.1	-0.6	0.23	-0.13	30.30	-3.9	4.8	
934.0	0.96	264.84	934.0	-6.5	-2.5	0.39	0.37	14.94	-3.1	6.3	
1,124.0	0.96	279.01	1,123.9	-6.4	-5.7	0.12	0.00	7.46	-4.6	7.2	
1,218.0	1.07	313.22	1,217.9	-5.7	-7.1	0.64	0.12	36.39	-1.3	9.0	
1,344.0	2.07	354.24	1,343.9	-2.6	-8.2	1.15	0.79	32.56	1.8	8.4	
1,439.0	1.80	352.22	1,438.8	0.6	-8.6	0.29	-0.28	-2.13	-1.7	8.4	
1,534.0	1.56	324.16	1,533.8	3.1	-9.5	0.89	-0.25	-29.54	-8.1	5.9	
1,628.0	3.05	263.75	1,627.7	3.8	-12.8	2.82	1.59	-64.27	-12.3	-5.2	
1,724.0	4.70	263.95	1,723.5	3.2	-19.2	1.72	1.72	0.21	-18.8	-5.2	
1,819.0	6.37	270.05	1,818.0	2.7	-28.3	1.86	1.76	6.42	-28.3	-2.7	
1,914.0	6.44	271.62	1,912.5	2.9	-38.9	0.20	0.07	1.65	-36.9	-2.4	
2,008.0	7.16	257.91	2,005.8	1.8	-49.9	1.88	0.77	-14.59	-41.1	-12.6	
2,103.0	6.64	259.92	2,100.1	-0.4	-61.1	0.60	-0.55	2.12	-44.5	-11.7	
2,198.0	8.57	253.07	2,194.3	-3.4	-73.3	2.24	2.03	-7.21	-43.7	-17.2	
2,293.0	7.52	257.50	2,288.3	-6.8	-86.2	1.28	-1.11	4.66	-43.8	-13.9	
2,387.0	7.45	253.59	2,381.5	-9.9	-98.0	0.55	-0.07	-4.16	-40.2	-16.8	
2,482.0	7.98	249.43	2,475.7	-13.9	-110.1	0.81	0.56	-4.38	-36.9	-18.7	
2,577.0	9.29	238.87	2,569.6	-20.2	-122.8	2.16	1.38	-11.12	-32.7	-22.1	
2,671.0	7.85	235.76	2,662.5	-27.7	-134.6	1.61	-1.53	-3.31	-31.6	-19.4	
2,766.0	7.39	234.30	2,756.7	-35.0	-145.0	0.53	-0.48	-1.54	-29.7	-15.1	
2,861.0	6.79	231.65	2,851.0	-42.0	-154.3	0.72	-0.63	-2.79	-27.0	-10.9	
2,956.0	7.90	236.89	2,945.2	-49.1	-164.2	1.36	1.17	5.52	-25.9	-3.3	
3,050.0	7.77	241.50	3,038.3	-55.6	-175.2	0.68	-0.14	4.90	-24.5	2.7	



EOG Resources

Final PVA

Company: Midland
Project: Eddy County, NM (NAD 83 NME)
Site: Deep Elem 4 Fed Com
Well: #727H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #727H
TVD Reference: KB = 32' @ 3311.0usft (Nabors M1206)
MD Reference: KB = 32' @ 3311.0usft (Nabors M1206)
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)
3,145.0	7.61	243.75	3,132.5	-61.5	-186.5	0.36	-0.17	2.37	-22.5	6.8
3,240.0	8.33	246.38	3,226.6	-67.0	-198.4	0.85	0.76	2.77	-20.6	10.4
3,335.0	7.25	246.04	3,320.7	-72.2	-210.2	1.14	-1.14	-0.36	-18.8	12.5
3,430.0	6.70	242.25	3,415.0	-77.2	-220.6	0.75	-0.58	-3.99	-16.6	14.1
3,524.0	7.33	228.89	3,508.3	-83.7	-230.0	1.86	0.67	-14.21	-17.5	15.1
3,619.0	9.14	228.56	3,602.3	-92.7	-240.2	1.91	1.91	-0.35	-17.8	21.6
3,714.0	9.51	236.31	3,696.0	-102.0	-252.4	1.38	0.39	8.16	-16.0	29.6
3,808.0	8.60	213.87	3,788.9	-112.2	-262.8	3.85	-0.97	-23.87	-29.2	28.0
3,903.0	8.73	195.48	3,882.8	-125.0	-268.6	2.91	0.14	-19.36	-42.9	27.9
3,997.0	9.15	219.52	3,975.7	-137.7	-275.3	3.97	0.45	25.57	-29.8	54.4
4,092.0	9.14	246.93	4,069.6	-146.5	-287.1	4.54	-0.01	28.85	-1.2	67.6
4,186.0	6.80	266.67	4,162.7	-149.7	-299.5	3.80	-2.49	21.00	23.3	63.6
4,281.0	7.33	270.67	4,256.9	-150.0	-311.2	0.76	0.56	4.21	30.3	58.2
4,376.0	10.32	282.65	4,350.8	-148.0	-325.5	3.68	3.15	12.61	40.3	45.2
4,470.0	11.90	286.81	4,443.0	-143.4	-343.0	1.88	1.68	4.43	37.8	35.1
4,565.0	11.67	286.00	4,536.0	-137.9	-361.6	0.30	-0.24	-0.85	30.6	27.8
4,660.0	11.23	285.57	4,629.2	-132.8	-379.8	0.47	-0.46	-0.45	24.3	20.4
4,754.0	10.91	284.84	4,721.4	-128.0	-397.2	0.37	-0.34	-0.78	18.7	13.2
4,849.0	13.06	274.31	4,814.3	-124.9	-416.6	3.22	2.26	-11.08	10.4	9.9
4,944.0	14.14	264.21	4,906.7	-125.3	-438.8	2.74	1.14	-10.63	0.9	7.3
5,039.0	14.26	261.46	4,998.8	-128.2	-462.0	0.72	0.13	-2.89	-8.1	5.1
5,133.0	12.93	260.70	5,090.2	-131.6	-483.8	1.43	-1.41	-0.81	-15.8	3.3
5,228.0	12.42	259.70	5,182.8	-135.2	-504.3	0.58	-0.54	-1.05	-22.0	1.7
5,323.0	11.66	256.18	5,275.7	-139.3	-523.7	1.11	-0.80	-3.71	-27.1	-0.6
5,417.0	11.98	255.45	5,367.8	-144.0	-542.4	0.38	0.34	-0.78	-31.7	-1.2
5,512.0	11.14	255.39	5,460.8	-148.8	-560.8	0.88	-0.88	-0.06	-35.9	-1.3
5,607.0	9.64	265.98	5,554.3	-151.7	-577.6	2.55	-1.58	11.15	-38.0	4.1



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)
5,702.0	9.73	252.28	5,647.9	-154.7	-593.2	2.42	0.09	-14.42	-38.8	-6.1
5,796.0	6.67	235.09	5,741.0	-160.2	-605.2	4.14	-3.26	-18.29	-34.5	-14.6
5,891.0	2.12	240.87	5,835.7	-164.2	-611.3	4.81	-4.79	6.08	-28.6	-6.9
5,986.0	0.67	31.51	5,930.7	-164.6	-612.6	2.87	-1.53	158.57	11.7	10.7
6,081.0	0.42	21.61	6,025.6	-163.8	-612.1	0.28	-0.26	-10.42	1.0	2.1
6,176.0	0.34	42.71	6,120.6	-163.3	-611.8	0.17	-0.08	22.21	-7.2	-3.6
6,270.0	0.17	9.70	6,214.6	-162.9	-611.6	0.23	-0.18	-35.12	-7.3	-13.2
6,365.0	0.17	37.98	6,309.6	-162.7	-611.5	0.09	0.00	29.77	-15.8	-10.3
6,460.0	0.32	157.04	6,404.6	-162.8	-611.3	0.45	0.16	125.33	-1.6	19.6
6,555.0	0.56	206.25	6,499.6	-163.5	-611.4	0.45	0.25	51.80	13.2	14.2
6,650.0	0.52	233.58	6,594.6	-164.1	-612.0	0.27	-0.04	28.77	17.4	6.8
6,744.0	0.64	234.79	6,688.6	-164.7	-612.7	0.13	0.13	1.29	16.6	6.4
6,839.0	0.64	224.33	6,783.6	-165.4	-613.5	0.12	0.00	-11.01	14.1	9.3
6,934.0	0.92	217.00	6,878.6	-166.4	-614.4	0.31	0.29	-7.72	11.5	10.9
7,029.0	1.12	210.63	6,973.6	-167.8	-615.3	0.24	0.21	-6.71	8.5	12.0
7,124.0	1.29	209.09	7,068.6	-169.5	-616.3	0.18	0.18	-1.62	6.2	12.2
7,218.0	1.38	203.12	7,162.6	-171.5	-617.2	0.18	0.10	-6.35	2.7	12.7
7,313.0	1.28	195.73	7,257.5	-173.6	-618.0	0.21	-0.11	-7.78	-1.1	12.8
7,407.0	1.68	184.71	7,351.5	-175.9	-618.4	0.52	0.43	-11.72	-6.0	12.2
7,502.0	1.85	189.85	7,446.5	-178.8	-618.8	0.24	0.18	5.41	-7.8	12.8
7,596.0	1.92	183.22	7,540.4	-181.9	-619.1	0.24	0.07	-7.05	-12.3	11.6
7,691.0	1.99	183.86	7,635.3	-185.1	-619.3	0.08	0.07	0.67	-15.4	11.8
7,785.0	2.11	178.00	7,729.3	-188.5	-619.4	0.26	0.13	-6.23	-19.9	10.0
7,880.0	2.23	183.73	7,824.2	-192.1	-619.4	0.26	0.13	6.03	-22.4	12.1
7,975.0	2.21	193.92	7,919.1	-195.7	-620.0	0.42	-0.02	10.73	-23.5	16.2
8,070.0	2.15	196.43	8,014.1	-199.2	-620.9	0.12	-0.06	2.64	-26.4	17.3
8,164.0	0.65	208.30	8,108.1	-201.4	-621.7	1.62	-1.60	12.63	-24.5	22.7



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)
8,259.0	0.61	220.95	8,203.0	-202.2	-622.3	0.15	-0.04	13.32	-20.0	27.6
8,354.0	0.84	216.84	8,298.0	-203.2	-623.0	0.25	0.24	-4.33	-23.1	26.1
8,448.0	1.28	222.76	8,392.0	-204.5	-624.1	0.48	0.47	6.30	-22.1	28.4
8,543.0	1.29	217.76	8,487.0	-206.1	-625.5	0.12	0.01	-5.26	-26.6	26.3
8,638.0	1.00	215.00	8,582.0	-207.6	-626.6	0.31	-0.31	-2.91	-29.7	24.9
8,733.0	0.35	285.18	8,677.0	-208.2	-627.4	0.99	-0.68	73.87	12.8	37.2
8,828.0	1.16	279.25	8,772.0	-208.0	-628.6	0.86	0.85	-6.24	7.6	38.3
8,923.0	0.93	303.77	8,866.9	-207.4	-630.2	0.52	-0.24	25.81	21.2	32.1
9,017.0	0.91	222.04	8,960.9	-207.5	-631.3	1.28	-0.02	-86.95	-29.5	24.8
9,112.0	2.38	205.23	9,055.9	-209.9	-632.7	1.61	1.55	-17.69	-38.1	15.0
9,207.0	1.83	216.53	9,150.8	-212.9	-634.4	0.72	-0.58	11.89	-37.9	22.6
9,302.0	0.87	257.71	9,245.8	-214.3	-636.0	1.38	-1.01	43.35	-15.5	42.9
9,397.0	0.27	114.49	9,340.8	-214.5	-636.5	1.16	-0.63	-150.76	-12.9	-44.1
9,491.0	0.57	299.14	9,434.8	-214.4	-636.8	0.89	0.32	-186.54	16.2	42.9
9,587.0	1.41	322.00	9,530.8	-213.2	-637.9	0.95	0.87	23.81	30.0	33.4
9,682.0	2.36	336.63	9,625.7	-210.5	-639.4	1.11	1.00	15.40	34.4	25.1
9,776.0	2.46	313.07	9,719.7	-207.3	-641.6	1.05	0.11	-25.06	17.7	36.0
9,871.0	2.30	294.94	9,814.6	-205.1	-644.9	0.81	-0.17	-19.08	1.8	39.0
9,966.0	2.50	296.73	9,909.5	-203.4	-648.4	0.22	0.21	1.88	-1.0	39.0
10,061.0	2.34	287.69	10,004.4	-201.9	-652.1	0.44	-0.17	-9.52	-11.1	38.1
10,155.0	2.83	274.03	10,098.3	-201.1	-656.3	0.83	0.52	-14.53	-23.9	33.9
10,250.0	1.51	259.52	10,193.2	-201.2	-659.8	1.49	-1.39	-15.27	-35.2	26.3
10,345.0	1.86	202.06	10,288.2	-202.9	-661.7	1.74	0.37	-60.48	-43.3	-16.6
10,439.0	1.37	206.08	10,382.2	-205.3	-662.7	0.53	-0.52	4.28	-47.0	-13.4
10,535.0	1.41	209.57	10,478.1	-207.3	-663.8	0.10	0.04	3.64	-50.0	-10.5
10,629.0	1.62	227.34	10,572.1	-209.3	-665.4	0.54	0.22	18.90	-53.3	5.6
10,724.0	1.50	257.67	10,667.1	-210.4	-667.6	0.87	-0.13	31.93	-45.5	32.5



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)
10,819.0	1.26	244.59	10,762.0	-211.1	-669.7	0.42	-0.25	-13.77	-54.0	21.0
10,898.0	1.02	244.82	10,841.0	-211.8	-671.1	0.30	-0.30	0.29	-55.4	21.2
10,945.0	0.74	330.47	10,888.0	-211.7	-671.7	2.58	-0.60	182.23	16.6	57.3
11,040.0	1.08	200.50	10,983.0	-212.0	-672.3	1.74	0.36	-136.81	-55.1	-24.5
11,135.0	1.37	222.47	11,078.0	-213.7	-673.4	0.58	0.31	23.13	-62.3	-1.8
11,229.0	1.46	219.36	11,172.0	-215.5	-674.9	0.13	0.10	-3.31	-64.4	-5.2
11,310.0	2.70	203.26	11,252.9	-218.0	-676.3	1.67	1.53	-19.87	-63.3	-23.2
KOP, MD:11310.0', TVD:11252.9', N/S:-218.0', E/W:-676.3', INC:2.70										
11,324.0	2.92	201.89	11,266.9	-218.6	-676.5	1.67	1.60	-9.81	-63.4	-24.7
11,418.0	11.48	162.21	11,360.1	-229.8	-674.6	10.02	9.11	-42.21	-35.6	-57.9
11,513.0	25.11	172.46	11,450.1	-258.9	-669.0	14.69	14.35	10.79	-49.1	-45.5
11,608.0	35.99	172.65	11,531.8	-306.7	-662.8	11.45	11.45	0.20	-56.5	-39.4
11,702.0	51.42	168.84	11,599.6	-370.6	-652.1	16.65	16.41	-4.05	-66.5	-32.4
11,797.0	61.12	177.32	11,652.3	-448.8	-642.9	12.61	10.21	8.93	-83.6	-16.2
11,891.0	62.66	175.86	11,696.6	-531.6	-638.0	2.14	1.64	-1.55	-88.9	-11.9
11,986.0	61.56	176.99	11,741.1	-615.4	-632.7	1.56	-1.16	1.19	-76.4	-5.4
12,081.0	68.25	177.14	11,781.3	-701.3	-628.3	7.04	7.04	0.16	-51.0	-0.4
12,124.6	75.74	177.87	11,794.8	-742.7	-626.5	17.26	17.19	1.68	-39.2	1.5
HL Crossing, MD:12124.6', TVD:11794.8', N/S:-742.7', E/W:-626.5', INC:75.74										
12,175.0	84.41	178.66	11,803.5	-792.2	-625.0	17.26	17.19	1.56	-30.2	2.7
12,270.0	89.70	174.56	11,808.3	-886.9	-619.4	7.04	5.57	-4.32	-24.7	8.0
12,365.0	88.43	176.74	11,809.9	-981.6	-612.2	2.66	-1.34	2.29	-22.5	14.8
12,459.0	90.27	178.82	11,811.0	-1,075.5	-608.6	2.95	1.96	2.21	-20.8	18.2
12,554.0	89.20	183.44	11,811.4	-1,170.5	-610.4	4.99	-1.13	4.86	-19.8	15.9
12,649.0	85.80	183.70	11,815.5	-1,265.2	-616.4	3.59	-3.58	0.27	-15.0	9.7
12,744.0	86.67	182.15	11,821.8	-1,359.8	-621.2	1.87	0.92	-1.63	-8.1	4.5
12,839.0	86.54	181.82	11,827.4	-1,454.6	-624.5	0.37	-0.14	-0.35	-1.9	0.9



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)	
12,933.0	90.57	177.60	11,829.8	-1,548.6	-624.0	6.21	4.29	-4.49	1.1	1.0	
13,028.0	90.94	178.87	11,828.5	-1,643.5	-621.1	1.39	0.39	1.34	0.5	3.6	
13,123.0	91.21	177.76	11,826.7	-1,738.4	-618.3	1.20	0.28	-1.17	-0.9	6.1	
13,217.0	92.29	175.95	11,823.9	-1,832.2	-613.1	2.24	1.15	-1.93	-3.4	10.9	
13,312.0	91.84	173.80	11,820.4	-1,926.8	-604.6	2.31	-0.47	-2.26	-6.5	19.0	
13,407.0	96.02	179.23	11,813.9	-2,021.3	-598.9	7.20	4.40	5.72	-12.6	24.5	
13,502.0	93.43	179.80	11,806.1	-2,116.0	-598.1	2.79	-2.73	0.60	-20.1	24.9	
13,597.0	90.54	180.81	11,802.8	-2,210.9	-598.6	3.22	-3.04	1.06	-23.1	24.1	
13,692.0	92.55	181.30	11,800.3	-2,305.9	-600.3	2.18	2.12	0.52	-25.3	22.0	
13,787.0	90.17	183.88	11,798.0	-2,400.7	-604.6	3.69	-2.51	2.72	-27.2	17.3	
13,882.0	93.49	185.14	11,795.0	-2,495.4	-612.1	3.74	3.49	1.33	-29.9	9.5	
13,976.0	94.63	186.25	11,788.3	-2,588.7	-621.4	1.69	1.21	1.18	-36.2	-0.1	
14,071.0	91.61	186.72	11,783.1	-2,682.9	-632.1	3.22	-3.18	0.49	-41.0	-11.1	
14,166.0	86.20	184.20	11,785.0	-2,777.4	-641.1	6.28	-5.69	-2.65	-38.9	-20.5	
14,261.0	86.47	180.89	11,791.0	-2,872.1	-645.3	3.49	0.28	-3.48	-32.4	-25.1	
14,355.0	87.01	178.04	11,796.4	-2,966.0	-644.5	3.08	0.57	-3.03	-26.7	-24.6	
14,450.0	92.45	175.99	11,796.8	-3,060.8	-639.5	6.12	5.73	-2.16	-26.0	-19.9	
14,544.0	90.10	176.85	11,794.7	-3,154.6	-633.7	2.66	-2.50	0.91	-27.7	-14.4	
14,639.0	91.37	178.54	11,793.5	-3,249.5	-629.8	2.23	1.34	1.78	-28.6	-10.9	
14,734.0	89.60	178.70	11,792.7	-3,344.5	-627.6	1.87	-1.86	0.17	-29.0	-9.0	
14,828.0	90.47	178.28	11,792.7	-3,438.4	-625.1	1.03	0.93	-0.45	-28.7	-6.8	
14,923.0	93.29	178.52	11,789.5	-3,533.3	-622.4	2.98	2.97	0.25	-31.5	-4.5	
15,018.0	90.27	182.54	11,786.6	-3,628.2	-623.3	5.29	-3.18	4.23	-34.1	-5.7	
15,113.0	87.79	184.69	11,788.2	-3,723.0	-629.3	3.45	-2.61	2.26	-32.1	-12.0	
15,207.0	89.76	182.70	11,790.2	-3,816.8	-635.3	2.98	2.10	-2.12	-29.8	-18.5	
15,302.0	91.41	181.32	11,789.2	-3,911.7	-638.7	2.26	1.74	-1.45	-30.4	-22.1	
15,396.0	88.79	178.97	11,789.1	-4,005.7	-638.9	3.74	-2.79	-2.50	-30.2	-22.7	



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)	
15,491.0	89.93	178.53	11,790.1	-4,100.7	-636.8	1.29	1.20	-0.46	-28.8	-21.0	
15,586.0	89.80	177.09	11,790.4	-4,195.6	-633.2	1.52	-0.14	-1.52	-28.2	-17.7	
15,680.0	89.83	177.28	11,790.7	-4,289.5	-628.6	0.20	0.03	0.20	-27.6	-13.4	
15,775.0	88.63	177.02	11,791.9	-4,384.4	-623.9	1.29	-1.26	-0.27	-25.9	-9.0	
15,869.0	89.09	177.05	11,793.8	-4,478.2	-619.0	0.49	0.49	0.03	-23.7	-4.5	
15,964.0	88.08	176.74	11,796.2	-4,573.1	-613.9	1.11	-1.06	-0.33	-20.9	0.3	
16,059.0	89.43	176.96	11,798.2	-4,667.9	-608.6	1.44	1.42	0.23	-18.5	5.2	
16,154.0	89.29	177.23	11,799.3	-4,762.8	-603.8	0.32	-0.15	0.28	-17.0	9.6	
16,248.0	90.24	177.04	11,799.7	-4,856.6	-599.1	1.03	1.01	-0.20	-16.3	14.0	
16,343.0	91.21	176.38	11,798.5	-4,951.5	-593.7	1.23	1.02	-0.69	-17.1	19.1	
16,438.0	91.81	179.26	11,796.0	-5,046.4	-590.1	3.10	0.63	3.03	-19.2	22.4	
16,532.0	93.29	180.95	11,791.8	-5,140.3	-590.2	2.39	1.57	1.80	-23.0	21.9	
16,627.0	91.51	182.51	11,787.8	-5,235.1	-593.1	2.49	-1.87	1.64	-26.6	18.6	
16,721.0	91.58	183.55	11,785.3	-5,329.0	-598.1	1.11	0.07	1.11	-28.8	13.3	
16,816.0	91.04	183.19	11,783.1	-5,423.8	-603.7	0.68	-0.57	-0.38	-30.5	7.4	
16,911.0	88.36	180.88	11,783.6	-5,518.7	-607.0	3.72	-2.82	-2.43	-29.6	3.7	
17,005.0	90.20	181.35	11,784.8	-5,612.7	-608.9	2.02	1.96	0.50	-28.1	1.5	
17,100.0	90.50	179.81	11,784.2	-5,707.7	-609.8	1.65	0.32	-1.62	-28.3	0.2	
17,195.0	92.11	182.69	11,782.0	-5,802.6	-611.9	3.47	1.69	3.03	-30.0	-2.2	
17,289.0	88.59	179.24	11,781.5	-5,896.6	-613.5	5.24	-3.74	-3.67	-30.2	-4.1	
17,384.0	88.62	179.21	11,783.8	-5,991.5	-612.2	0.04	0.03	-0.03	-27.5	-3.1	
17,478.0	87.92	178.78	11,786.6	-6,085.5	-610.5	0.87	-0.74	-0.46	-24.3	-1.8	
17,573.0	88.79	176.72	11,789.3	-6,180.3	-606.8	2.35	0.92	-2.17	-21.2	1.6	
17,668.0	89.80	179.10	11,790.5	-6,275.3	-603.4	2.72	1.06	2.51	-19.6	4.7	
17,762.0	90.17	178.74	11,790.5	-6,369.2	-601.6	0.55	0.39	-0.38	-19.2	6.1	
17,857.0	90.77	179.62	11,789.7	-6,464.2	-600.2	1.12	0.63	0.93	-19.6	7.1	
17,952.0	92.65	179.19	11,786.9	-6,559.2	-599.2	2.03	1.98	-0.45	-22.1	7.8	



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)
18,046.0	92.15	180.38	11,783.0	-6,653.1	-598.9	1.37	-0.53	1.27	-25.6	7.8
18,141.0	91.07	183.99	11,780.3	-6,748.0	-602.5	3.96	-1.14	3.80	-27.9	3.8
18,236.0	86.06	182.07	11,782.7	-6,842.8	-607.5	5.65	-5.27	-2.02	-25.1	-1.5
18,331.0	91.48	185.22	11,784.7	-6,937.5	-613.6	6.60	5.71	3.32	-22.6	-7.9
18,425.0	86.25	182.30	11,786.6	-7,031.3	-619.7	6.37	-5.56	-3.11	-20.3	-14.4
18,520.0	89.43	182.06	11,790.2	-7,126.1	-623.3	3.36	3.35	-0.25	-16.2	-18.4
18,615.0	90.34	179.18	11,790.4	-7,221.1	-624.4	3.18	0.96	-3.03	-15.5	-19.7
18,710.0	92.75	179.95	11,787.8	-7,316.0	-623.6	2.66	2.54	0.81	-17.6	-19.4
18,804.0	91.44	177.50	11,784.4	-7,409.9	-621.5	2.95	-1.39	-2.61	-20.6	-17.6
18,899.0	89.67	176.67	11,783.4	-7,504.8	-616.7	2.06	-1.86	-0.87	-21.0	-13.1
18,994.0	89.73	176.61	11,783.9	-7,599.6	-611.2	0.09	0.06	-0.06	-20.0	-7.9
19,108.0	89.19	174.58	11,785.0	-7,713.3	-602.4	1.84	-0.47	-1.78	-18.4	0.5
19,202.0	92.35	176.53	11,783.7	-7,807.0	-595.1	3.95	3.36	2.07	-19.1	7.4
19,297.0	91.21	175.16	11,780.8	-7,901.7	-588.2	1.88	-1.20	-1.44	-21.6	13.9
19,392.0	91.21	176.90	11,778.8	-7,996.4	-581.7	1.83	0.00	1.83	-23.1	20.2
19,486.0	91.58	178.72	11,776.5	-8,090.3	-578.1	1.98	0.39	1.94	-24.9	23.4
19,581.0	91.94	179.93	11,773.6	-8,185.3	-576.9	1.33	0.38	1.27	-27.4	24.2
19,676.0	91.38	178.92	11,770.8	-8,280.2	-576.0	1.22	-0.59	-1.06	-29.7	24.8
19,771.0	90.44	180.06	11,769.3	-8,375.2	-575.1	1.56	-0.99	1.20	-30.7	25.3
19,865.0	87.52	181.87	11,771.0	-8,469.2	-576.7	3.65	-3.11	1.93	-28.5	23.4
19,960.0	87.99	181.61	11,774.7	-8,564.1	-579.6	0.57	0.49	-0.27	-24.3	20.2
20,055.0	89.43	182.34	11,776.9	-8,659.0	-582.9	1.70	1.52	0.77	-21.7	16.6
20,149.0	88.99	181.61	11,778.1	-8,752.9	-586.1	0.91	-0.47	-0.78	-19.9	13.0
20,244.0	90.47	183.42	11,778.6	-8,847.8	-590.3	2.46	1.56	1.91	-19.0	8.5
20,339.0	88.66	184.09	11,779.3	-8,942.6	-596.5	2.03	-1.91	0.71	-17.8	1.9
20,434.0	84.05	182.38	11,785.4	-9,037.2	-601.9	5.17	-4.85	-1.80	-11.3	-3.8
20,529.0	86.44	181.01	11,793.2	-9,131.9	-604.7	2.90	2.52	-1.44	-2.9	-6.9



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	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)
20,623.0	88.52	180.40	11,797.4	-9,225.7	-605.8	2.31	2.21	-0.65	1.7	-8.4
20,718.0	90.70	179.43	11,798.0	-9,320.7	-605.7	2.51	2.29	-1.02	2.8	-8.6
20,813.0	90.94	179.46	11,796.7	-9,415.7	-604.8	0.25	0.25	0.03	1.9	-8.0
20,907.0	89.10	178.11	11,796.6	-9,509.7	-602.8	2.43	-1.96	-1.44	2.4	-6.4
21,002.0	90.90	178.95	11,796.6	-9,604.7	-600.3	2.09	1.89	0.88	2.9	-4.3
21,097.0	91.17	179.03	11,794.9	-9,699.6	-598.7	0.30	0.28	0.08	1.6	-2.9
21,192.0	90.94	178.78	11,793.2	-9,794.6	-596.8	0.36	-0.24	-0.26	0.4	-1.5
21,286.0	90.90	178.26	11,791.6	-9,888.6	-594.4	0.55	-0.04	-0.55	-0.7	0.6
21,381.0	91.51	178.34	11,789.6	-9,983.5	-591.6	0.65	0.64	0.08	-2.2	3.1
21,476.0	89.26	178.40	11,789.0	-10,078.4	-588.9	2.37	-2.37	0.06	-2.3	5.5
21,571.0	87.96	176.91	11,791.3	-10,173.3	-585.0	2.08	-1.37	-1.57	0.4	9.0
21,665.0	88.83	177.13	11,793.9	-10,267.2	-580.1	0.95	0.93	0.23	3.5	13.5
21,760.0	87.99	180.25	11,796.6	-10,362.1	-578.0	3.40	-0.88	3.28	6.7	15.4
21,855.0	88.69	180.37	11,799.3	-10,457.1	-578.5	0.75	0.74	0.13	9.9	14.5
21,949.0	89.63	181.02	11,800.7	-10,551.0	-579.6	1.22	1.00	0.69	11.8	13.0
22,044.0	89.80	181.04	11,801.2	-10,646.0	-581.3	0.18	0.18	0.02	12.7	11.0
22,068.0	89.46	180.99	11,801.3	-10,670.0	-581.7	1.43	-1.42	-0.21	13.0	10.5
Final MWD Survey (MD=22068.0')										
22,128.0	89.46	180.99	11,801.9	-10,730.0	-582.8	0.00	0.00	0.00	13.9	9.2
Final Projection to Bit (MD=22128.0')										



EOG Resources

Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #727H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3311.0usft (Nabors M1206)
Well:	#727H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
11,310.0	11,252.9	-218.0	-676.3	KOP, MD:11310.0', TVD:11252.9',N/S:-218.0', E/W:-676.3', INC:2.70	
12,124.6	11,794.8	-742.7	-626.5	HL Crossing, MD:12124.6', TVD:11794.8',N/S:-742.7', E/W:-626.5', INC:75.74	
22,068.0	11,801.3	-10,670.0	-581.7	Final MWD Survey (MD=22068.0')	
22,128.0	11,801.9	-10,730.0	-582.8	Final Projection to Bit (MD=22128.0')	

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF BELIEF AND KNOWLEDGE
KAY MADDOX 03/01/2022

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 a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015 - 48555
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name DEEP ELEM 4 FEDERAL COM
8. Well Number 727H
9. OGRID Number 7377
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	
2. Name of Operator EOG RESOURCES INC	
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702	
4. Well Location Unit Letter O : 408 feet from the SOUTH line and 1998 feet from the EAST line Section 4 Township 26S Range 31E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3275' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: CASING TEST ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TOC IS BELOW THE CASING SHOE, ON 05/14/2023 A SUBSEQUENT PRESSURE TEST HELD.
EOG IS REQUESTING NO REMEDIAL CEMENT AT THIS TIME

Spud Date:

09/03/2021

Rig Release Date:

10/07/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE KAY MADDOX TITLE SENIOR REGULATORY SPECIALIST DATE 05/23/2023

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-638-8475

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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 DEEP ELEM 4 FEDERAL COM		
								6. Well Number: 727H		
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 PURPLE SAGE; WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	4	26S	31E		408	SOUTH	1998	EAST	EDDY
BH:	O	16	26S	31E		341	SOUTH	2621	EAST	EDDY
13. Date Spudded 09/03/2021	14. Date T.D. Reached 10/05/2021		15. Date Rig Released 10/07/2021			16. Date Completed (Ready to Produce) 02/18/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3275' GL		
18. Total Measured Depth of Well MD 22,128' TVD 11,801'			19. Plug Back Measured Depth MD 22,105' TVD 11,801'			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 12,155 - 22,105'										
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#		1288'		12 1/4"		600 CL C/CIRC		
7 5/8"		29.7#		10,947'		8 3/4"		1432 CL C/CIRC		
5 1/2"		20#		22,113'		6 3/4"		1060 CL H TOC 11,280' CBL-PRESSURE TEST ATTACHED		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 12,155 - 22,105' 3 1/8", 1989 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,155 - 22,105'		FRAC W 23,610,517 lbs proppant, 427,811 bbls load fld		
28. PRODUCTION										
Date First Production 02/18/2022		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 02/28/2022	Hours Tested 24	Choke Size 46	Prod'n For Test Period	Oil - Bbl 2193	Gas - MCF 10,453	Water - Bbl. 6758	Gas - Oil Ratio 4767			
Flow Tubing Press.	Casing Pressure 3015	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 50				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Kay Maddox			Name Kay Maddox			Title Senior Regulatory Specialist			Date 03/03/2022	
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	1084'	T. Canyon	Brushy	6364'	T. Ojo Alamo	T. Penn A"
T. Salt		1414'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		3995'	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	9014'		T. Entrada	
T. Wolfcamp		11,348'	T. 2nd BS Sand	9700'		T. Wingate	
T. Penn			T. 3rd BS Sand	10,940'		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



Detailed Job Breakdown



JOB REPORT

COMPANY DETAILS

Company: EOG
Contact: MARK POPE
PHONE:

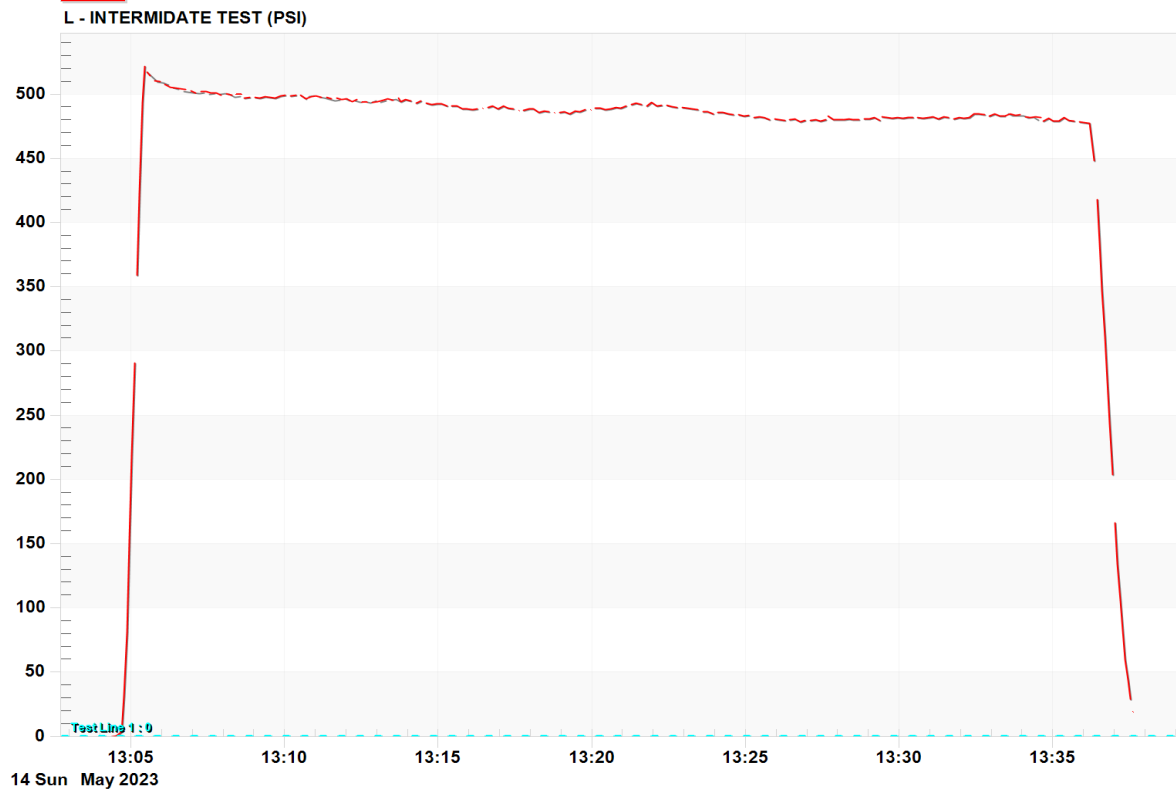
Email: Mark_pope@eogresour
ces.com

JOB DETAILS

DATE 5/14/2023 1:04:19PM
START TIME 5/14/2023 1:04:19PM
END TIME 5/14/2023 1:37:37PM
Ticket#:
Other:
Other:

Operator:
WELL: DEEP ELEM 4 FED COM
Licence #: 727H
Contractor:
AFE:

Comments:



13:04:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:04	16.752	0						
13:04	21.752	0						
13:04	26.752	1						
13:04	31.752	0						
13:04	36.752	2						
13:04	41.752	3						
13:04	46.752	32						
13:04	51.752	81						
13:04	56.752	153						
13:05	1.752	219						
13:05	6.752	290						
13:05	11.752	359						
13:05	16.752	423						
13:05	21.752	494						
13:05	26.752	522						
13:05	31.753	517						
13:05	36.752	514						
13:05	41.752	513						
13:05	46.752	510						
13:05	51.752	510						
13:05	56.752	510						
13:06	1.752	509						
13:06	6.753	508						
13:06	11.752	508						
13:06	16.752	506						
13:06	21.752	506						
13:06	26.752	505						
13:06	31.752	504						
13:06	36.752	504						
13:06	41.753	503						
13:06	46.752	504						
13:06	51.752	502						
13:06	56.752	502						
13:07	1.752	502						
13:07	6.752	501						
13:07	11.752	501						
13:07	16.753	502						
13:07	21.752	502						
13:07	26.752	502						
13:07	31.752	500						
13:07	36.752	501						
13:07	41.752	501						
13:07	46.752	501						
13:07	51.753	500						
13:07	56.752	499						
13:08	1.752	501						
13:08	6.752	500						
13:08	11.752	500						

13:08:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:08	16.752	499						
13:08	21.752	498						
13:08	26.753	500						
13:08	31.752	499						
13:08	36.752	500						
13:08	41.752	497						
13:08	46.752	498						
13:08	51.752	498						
13:08	56.752	497						
13:09	1.753	497						
13:09	6.752	499						
13:09	11.752	497						
13:09	16.752	497						
13:09	21.752	498						
13:09	26.752	496						
13:09	31.752	497						
13:09	36.753	497						
13:09	41.752	497						
13:09	46.752	498						
13:09	51.752	498						
13:09	56.752	499						
13:10	1.752	499						
13:10	6.752	498						
13:10	11.753	498						
13:10	16.752	499						
13:10	21.752	499						
13:10	26.752	498						
13:10	31.752	499						
13:10	36.752	499						
13:10	41.752	496						
13:10	46.753	498						
13:10	51.752	498						
13:10	56.752	499						
13:11	1.752	499						
13:11	6.752	498						
13:11	11.752	497						
13:11	16.752	498						
13:11	21.753	497						
13:11	26.752	496						
13:11	31.752	496						
13:11	36.752	495						
13:11	41.752	497						
13:11	46.752	496						
13:11	51.752	496						
13:11	56.753	497						
13:12	1.752	496						
13:12	6.752	495						
13:12	11.752	494						

13:12:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:12	16.752	495						
13:12	21.752	496						
13:12	26.752	494						
13:12	31.753	494						
13:12	36.752	495						
13:12	41.752	494						
13:12	46.752	494						
13:12	51.752	494						
13:12	56.752	495						
13:13	1.752	494						
13:13	6.753	494						
13:13	11.752	495						
13:13	16.752	495						
13:13	21.752	496						
13:13	26.752	496						
13:13	31.752	495						
13:13	36.752	496						
13:13	41.753	497						
13:13	46.752	494						
13:13	51.752	496						
13:13	56.752	496						
13:14	1.752	494						
13:14	6.752	495						
13:14	11.752	496						
13:14	16.754	493						
13:14	21.752	493						
13:14	26.752	495						
13:14	31.752	494						
13:14	36.752	493						
13:14	41.752	493						
13:14	46.752	492						
13:14	51.753	492						
13:14	56.752	493						
13:15	1.752	493						
13:15	6.752	492						
13:15	11.752	491						
13:15	16.752	491						
13:15	21.752	492						
13:15	26.753	491						
13:15	31.752	490						
13:15	36.752	491						
13:15	41.752	490						
13:15	46.752	488						
13:15	51.752	489						
13:15	56.752	488						
13:16	1.753	488						
13:16	6.752	488						
13:16	11.752	488						

13:16:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:16	16.752	489						
13:16	21.752	487						
13:16	26.752	489						
13:16	31.752	490						
13:16	36.753	490						
13:16	41.752	489						
13:16	46.752	491						
13:16	51.752	490						
13:16	56.752	489						
13:17	1.752	490						
13:17	6.752	491						
13:17	11.753	490						
13:17	16.752	489						
13:17	21.752	490						
13:17	26.752	488						
13:17	31.752	488						
13:17	36.752	487						
13:17	41.752	488						
13:17	46.753	487						
13:17	51.752	487						
13:17	56.752	488						
13:18	1.752	487						
13:18	6.752	489						
13:18	11.752	486						
13:18	16.752	486						
13:18	21.753	487						
13:18	26.752	487						
13:18	31.752	486						
13:18	36.752	486						
13:18	41.752	487						
13:18	46.752	486						
13:18	51.752	485						
13:18	56.753	486						
13:19	1.752	487						
13:19	6.752	486						
13:19	11.752	488						
13:19	16.752	485						
13:19	21.752	485						
13:19	26.752	487						
13:19	31.753	486						
13:19	36.752	486						
13:19	41.752	487						
13:19	46.752	488						
13:19	51.752	488						
13:19	56.752	488						
13:20	1.752	488						
13:20	6.753	489						
13:20	11.752	487						

13:20:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:20	16.752	489						
13:20	21.752	489						
13:20	26.752	488						
13:20	31.752	488						
13:20	36.752	488						
13:20	41.753	488						
13:20	46.752	490						
13:20	51.752	490						
13:20	56.752	489						
13:21	1.752	491						
13:21	6.752	491						
13:21	11.752	492						
13:21	16.753	492						
13:21	21.752	492						
13:21	26.752	493						
13:21	31.752	493						
13:21	36.752	492						
13:21	41.752	492						
13:21	46.752	491						
13:21	51.753	492						
13:21	56.752	494						
13:22	1.752	492						
13:22	6.752	491						
13:22	11.752	490						
13:22	16.752	491						
13:22	21.752	492						
13:22	26.753	491						
13:22	31.752	490						
13:22	36.752	490						
13:22	41.752	491						
13:22	46.752	490						
13:22	51.752	489						
13:22	56.752	490						
13:23	1.753	489						
13:23	6.752	489						
13:23	11.752	488						
13:23	16.752	488						
13:23	21.752	489						
13:23	26.752	488						
13:23	31.752	488						
13:23	36.753	486						
13:23	41.752	487						
13:23	46.752	486						
13:23	51.752	485						
13:23	56.752	485						
13:24	1.752	484						
13:24	6.752	486						
13:24	11.753	485						

13:24:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:24	16.752	486						
13:24	21.752	485						
13:24	26.752	485						
13:24	31.752	484						
13:24	36.752	484						
13:24	41.752	483						
13:24	46.753	484						
13:24	51.752	484						
13:24	56.752	483						
13:25	1.752	483						
13:25	6.752	484						
13:25	11.752	482						
13:25	16.752	482						
13:25	21.753	482						
13:25	26.752	482						
13:25	31.752	481						
13:25	36.752	482						
13:25	41.752	480						
13:25	46.752	480						
13:25	51.752	481						
13:25	56.753	481						
13:26	1.752	480						
13:26	6.752	480						
13:26	11.752	480						
13:26	16.752	480						
13:26	21.752	481						
13:26	26.752	480						
13:26	31.753	480						
13:26	36.752	481						
13:26	41.752	480						
13:26	46.752	478						
13:26	51.752	479						
13:26	56.752	480						
13:27	1.752	480						
13:27	6.753	480						
13:27	11.752	480						
13:27	16.752	480						
13:27	21.752	480						
13:27	26.752	479						
13:27	31.752	481						
13:27	36.752	480						
13:27	41.753	483						
13:27	46.752	483						
13:27	51.752	480						
13:27	56.752	481						
13:28	1.752	480						
13:28	6.752	482						
13:28	11.752	480						

13:28:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:28	16.753	482						
13:28	21.752	481						
13:28	26.752	480						
13:28	31.752	480						
13:28	36.752	480						
13:28	41.752	480						
13:28	46.752	480						
13:28	51.753	481						
13:28	56.752	481						
13:29	1.752	481						
13:29	6.752	481						
13:29	11.752	482						
13:29	16.753	483						
13:29	21.752	480						
13:29	26.753	482						
13:29	31.752	483						
13:29	36.752	482						
13:29	41.752	481						
13:29	46.752	481						
13:29	51.752	480						
13:29	56.752	482						
13:30	1.753	481						
13:30	6.752	481						
13:30	11.752	481						
13:30	16.752	482						
13:30	21.752	482						
13:30	26.752	482						
13:30	31.752	480						
13:30	36.753	482						
13:30	41.752	481						
13:30	46.752	481						
13:30	51.752	481						
13:30	56.752	482						
13:31	1.752	482						
13:31	6.752	482						
13:31	11.753	481						
13:31	16.752	481						
13:31	21.752	481						
13:31	26.752	482						
13:31	31.752	482						
13:31	36.752	482						
13:31	41.752	482						
13:31	46.753	481						
13:31	51.752	481						
13:31	56.752	482						
13:32	1.752	481						
13:32	6.752	481						
13:32	11.752	482						

13:32:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:32	16.752	482						
13:32	21.753	484						
13:32	26.752	485						
13:32	31.752	485						
13:32	36.752	484						
13:32	41.752	484						
13:32	46.752	484						
13:32	51.752	484						
13:32	56.753	483						
13:33	1.752	484						
13:33	6.752	484						
13:33	11.752	484						
13:33	16.752	483						
13:33	21.752	484						
13:33	26.752	483						
13:33	31.753	485						
13:33	36.752	484						
13:33	41.752	483						
13:33	46.752	484						
13:33	51.752	484						
13:33	56.752	484						
13:34	1.752	483						
13:34	6.753	482						
13:34	11.752	482						
13:34	16.752	482						
13:34	21.752	482						
13:34	26.752	482						
13:34	31.752	480						
13:34	36.752	482						
13:34	41.753	479						
13:34	46.752	480						
13:34	51.752	481						
13:34	56.752	481						
13:35	1.752	479						
13:35	6.752	480						
13:35	11.752	479						
13:35	16.753	480						
13:35	21.752	482						
13:35	26.752	480						
13:35	31.752	480						
13:35	36.752	479						
13:35	41.752	479						
13:35	46.752	480						
13:35	51.753	479						
13:35	56.752	478						
13:36	1.752	478						
13:36	6.752	478						
13:36	11.752	477						

13:36:16

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
13:36	16.752	478						
13:36	21.752	448						
13:36	26.753	418						
13:36	31.752	385						
13:36	36.752	347						
13:36	41.752	311						
13:36	46.752	277						
13:36	51.752	243						
13:36	56.752	204						
13:37	1.753	166						
13:37	6.752	134						
13:37	11.752	105						
13:37	16.752	82						
13:37	21.752	60						
13:37	26.752	43						
13:37	31.752	29						
13:37	36.753	19						

Well Name:	Deep Elem 4 Fed Com #727H
Property Number:	75307
API Number:	30015485550000
Opening Intermediate PSI:	0 psi
Bled Intermediate PSI down to:	N/A
Fluid back to surface:	No
Bbls pumped to load casing:	5 bbls
Bbls pumped to reach 500 psi:	2 bbls
Bbls bled back after test:	1.5 bbls
Start	509 psi
30 min	478 psi
Bleed down, SICP:	0 psi

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 220174

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 220174
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
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Phone:(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 220174

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 220174
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmccclure	None	11/17/2023