

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 10/16/2022	
⁴ API Number 30 - 015 -48043	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 737H

II. ¹⁰ Surface Location

Ul or lot no. M	Section 4	Township 26S	Range 31E	Lot Idn	Feet from the 577	North/South Line SOUTH	Feet from the 900	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. M	Section 16	Township 26S	Range 31E	Lot Idn	Feet from the 338	North/South line SOUTH	Feet from the 1104	East/West line WEST	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 04/26/2022	²² Ready Date 10/16/2022	²³ TD 21,993'	²⁴ PBTD 21,971'	²⁵ Perforations 12,024 -21,971'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13 1/2"		10 3/4"		1305'	
9 7/8"		8 3/4"		11,117'	
7 7/8"		6"		21,978'	
				1760 SXS CL H TOC 7098' CBL	

V. Well Test Data

³¹ Date New Oil 10/16/2022	³² Gas Delivery Date 10/16/2022	³³ Test Date 10/24/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3276
³⁷ Choke Size 48	³⁸ Oil 3371	³⁹ Water 7242	⁴⁰ Gas 18,097		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox			OIL CONSERVATION DIVISION Approved by: Title: Approval Date:		
Printed name: Kay Maddox					
Title: SENIOR REGULATORY SPECIALIST					
E-mail Address: kay_maddox@eogresources.com					
Date: 11/01/2022		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- 48043	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code 329970	Property Name DEEP ELEM 4 FED COM	Well Number 737H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3289'

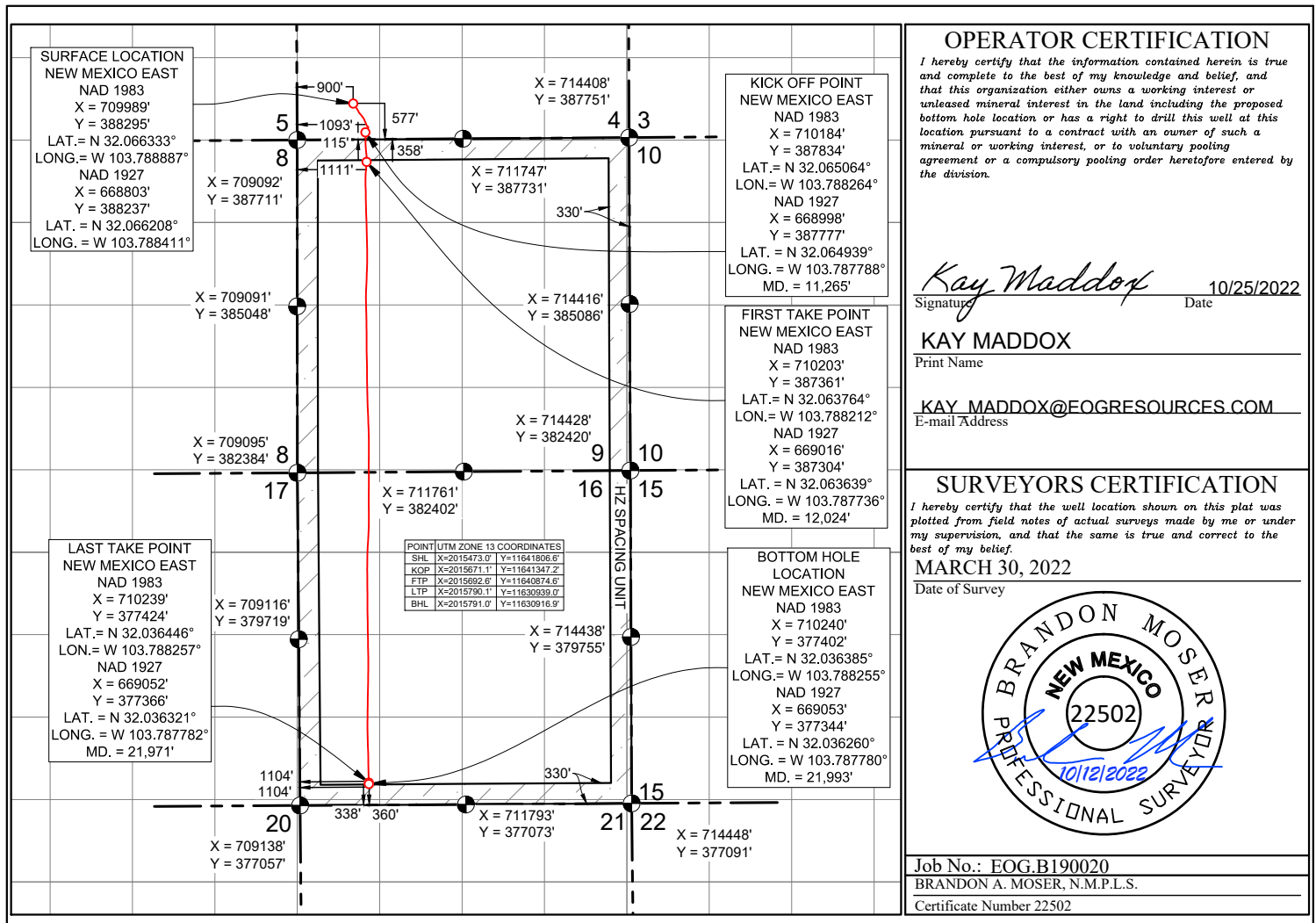
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	26 S	31 E		577	SOUTH	900	WEST	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
M	16	26 S	31 E		338	SOUTH	1104	WEST	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.





Midland

Eddy County, NM (NAD 83 NME)

Deep Elem 4 Fed Com

#737H

OH

Design: OH

Midland PVA

19 July, 2022



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	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:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 3' 58.075 N
		Longitude:	103° 46' 40.657 W
		Grid Convergence:	0.29 °

Well		#737H				
Well Position	+N/-S	0.0 usft	Northing:	388,295.00 usft	Latitude:	32° 3' 58.800 N
	+E/-W	0.0 usft	Easting:	709,989.00 usft	Longitude:	103° 47' 19.992 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,289.0 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/19/2022	6.52	59.69	47,283.05929784

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	178.71

Survey Program	Date	7/19/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
199.0	21,993.0	Gordon MWD (OH)	EOG MWD+IFR1	MWD + IFR1



EOG Resources

Midland PVA

Company: Midland
Project: Eddy County, NM (NAD 83 NME)
Site: Deep Elem 4 Fed Com
Well: #737H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #737H
TVD Reference: KB = 32' @ 3321.0usft
MD Reference: KB = 32' @ 3321.0usft
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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
199.0	0.62	273.70	199.0	0.1	-1.1	0.31	0.31	0.00	-1.1	0.0	
262.0	0.46	279.28	262.0	0.1	-1.7	0.27	-0.25	8.86	-1.7	0.1	
322.0	0.27	262.56	322.0	0.2	-2.0	0.36	-0.32	-27.87	-2.0	-0.4	
381.0	0.50	217.14	381.0	-0.1	-2.3	0.62	0.39	-76.98	-1.5	-1.8	
442.0	0.21	244.14	442.0	-0.3	-2.6	0.54	-0.48	44.26	-2.5	-0.8	
502.0	0.42	284.48	502.0	-0.3	-2.9	0.49	0.35	67.23	-2.7	1.0	
591.0	0.53	249.75	591.0	-0.4	-3.6	0.34	0.12	-39.02	-3.5	-0.9	
650.0	0.45	184.74	650.0	-0.7	-3.9	0.90	-0.14	-110.19	-1.0	-3.8	
779.0	0.20	335.37	779.0	-1.0	-4.0	0.49	-0.19	116.77	-0.8	4.1	
873.0	0.38	63.78	873.0	-0.7	-3.8	0.45	0.19	94.05	3.7	1.0	
968.0	0.16	153.85	968.0	-0.7	-3.5	0.43	-0.23	94.81	0.9	-3.4	
1,062.0	0.63	63.67	1,062.0	-0.6	-2.9	0.69	0.50	-95.94	2.9	0.8	
1,156.0	0.78	116.31	1,156.0	-0.6	-1.9	0.68	0.16	56.00	1.4	-1.4	
1,250.0	0.82	85.03	1,250.0	-0.9	-0.7	0.46	0.04	-33.28	0.7	-0.8	
1,320.0	0.75	136.55	1,320.0	-1.2	0.1	0.98	-0.10	73.60	-0.9	-0.7	
1,429.0	2.80	86.99	1,428.9	-1.5	3.3	2.19	1.88	-45.47	-2.0	0.9	
1,524.0	3.54	131.53	1,523.8	-3.4	7.8	2.63	0.78	46.88	0.0	5.9	
1,618.0	5.12	144.18	1,617.5	-8.7	12.4	1.95	1.68	13.46	2.7	7.8	
1,712.0	6.15	147.94	1,711.0	-16.4	17.6	1.16	1.10	4.00	2.9	8.7	
1,807.0	6.60	148.40	1,805.5	-25.3	23.1	0.48	0.47	0.48	1.3	9.5	
1,901.0	6.73	148.99	1,898.8	-34.6	28.8	0.16	0.14	0.63	-0.6	10.2	
1,996.0	7.21	149.28	1,993.1	-44.5	34.7	0.51	0.51	0.31	-3.1	10.9	
2,090.0	7.34	149.92	2,086.4	-54.8	40.7	0.16	0.14	0.68	-6.0	11.5	
2,184.0	7.34	148.06	2,179.6	-65.1	46.9	0.25	0.00	-1.98	-9.5	11.9	
2,279.0	7.08	145.83	2,273.8	-75.1	53.4	0.40	-0.27	-2.35	-13.0	12.5	
2,373.0	6.72	146.78	2,367.2	-84.5	59.7	0.40	-0.38	1.01	-15.3	13.8	



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	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)
2,468.0	6.68	146.44	2,461.5	-93.7	65.8	0.06	-0.04	-0.36	-17.5	14.8
2,562.0	5.76	149.91	2,555.0	-102.4	71.2	1.06	-0.98	3.69	-17.9	16.7
2,657.0	5.21	150.14	2,649.5	-110.2	75.7	0.58	-0.58	0.24	-17.9	17.3
2,751.0	5.06	150.77	2,743.1	-117.6	79.9	0.17	-0.16	0.67	-17.2	18.0
2,845.0	4.78	156.59	2,836.8	-124.8	83.4	0.61	-0.30	6.19	-14.4	19.5
2,940.0	4.27	156.07	2,931.5	-131.6	86.4	0.54	-0.54	-0.55	-13.1	18.9
3,034.0	4.08	154.96	3,025.3	-137.9	89.3	0.22	-0.20	-1.18	-11.4	18.4
3,129.0	5.41	146.34	3,119.9	-144.7	93.2	1.58	1.40	-9.07	-12.9	17.0
3,223.0	5.40	143.35	3,213.5	-151.9	98.3	0.30	-0.01	-3.18	-13.9	17.7
3,317.0	4.88	140.71	3,307.1	-158.5	103.5	0.61	-0.55	-2.81	-14.4	18.8
3,412.0	6.28	136.55	3,401.7	-165.4	109.6	1.53	1.47	-4.38	-16.3	20.0
3,506.0	7.94	138.58	3,495.0	-174.0	117.4	1.79	1.77	2.16	-18.6	23.0
3,601.0	8.12	139.05	3,589.0	-184.0	126.2	0.20	0.19	0.49	-23.0	25.5
3,790.0	8.50	143.29	3,776.0	-205.3	143.3	0.38	0.20	2.24	-30.7	31.2
3,885.0	9.70	144.94	3,869.8	-217.5	152.1	1.29	1.26	1.74	-36.0	33.6
3,979.0	8.58	146.16	3,962.6	-229.8	160.5	1.21	-1.19	1.30	-41.4	35.7
4,073.0	7.60	149.52	4,055.7	-241.0	167.6	1.16	-1.04	3.57	-43.6	39.0
4,168.0	6.32	154.25	4,150.0	-251.1	173.0	1.48	-1.35	4.98	-42.8	42.8
4,263.0	6.21	154.76	4,244.4	-260.5	177.5	0.13	-0.12	0.54	-43.8	43.0
4,357.0	6.19	155.91	4,337.9	-269.7	181.7	0.13	-0.02	1.22	-44.2	43.6
4,451.0	5.82	155.26	4,431.4	-278.6	185.8	0.40	-0.39	-0.69	-45.6	42.8
4,545.0	5.20	154.53	4,524.9	-286.8	189.6	0.66	-0.66	-0.78	-46.3	41.9
4,639.0	5.02	157.68	4,618.6	-294.5	193.0	0.35	-0.19	3.35	-43.4	44.0
4,734.0	4.67	156.57	4,713.2	-301.9	196.1	0.38	-0.37	-1.17	-43.3	42.5
4,828.0	4.67	158.57	4,806.9	-308.9	199.0	0.17	0.00	2.13	-40.5	43.3
4,923.0	4.60	158.25	4,901.6	-316.1	201.9	0.08	-0.07	-0.34	-39.5	42.3
5,017.0	4.50	158.02	4,995.3	-323.0	204.6	0.11	-0.11	-0.24	-38.2	41.4



EOG Resources

Midland PVA

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Well:	#737H	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)
5,112.0	3.91	160.68	5,090.1	-329.5	207.1	0.65	-0.62	2.80	-34.3	42.2
5,206.0	4.22	155.66	5,183.8	-335.7	209.6	0.50	0.33	-5.34	-35.6	38.4
5,300.0	4.13	154.17	5,277.6	-341.9	212.5	0.15	-0.10	-1.59	-34.5	37.3
5,394.0	4.04	155.69	5,371.3	-347.9	215.3	0.15	-0.10	1.62	-31.3	37.9
5,488.0	4.03	156.69	5,465.1	-354.0	218.0	0.08	-0.01	1.06	-28.3	38.0
5,582.0	3.77	158.44	5,558.9	-359.9	220.4	0.30	-0.28	1.86	-24.7	38.1
5,676.0	3.47	159.31	5,652.7	-365.4	222.6	0.32	-0.32	0.93	-21.1	37.6
5,770.0	2.45	149.04	5,746.6	-369.8	224.6	1.22	-1.09	-10.93	-23.4	33.4
5,864.0	1.63	111.79	5,840.5	-372.0	226.9	1.61	-0.87	-39.63	-35.1	17.2
5,959.0	1.55	97.54	5,935.5	-372.7	229.4	0.42	-0.08	-15.00	-35.8	15.1
6,054.0	1.37	118.34	6,030.4	-373.4	231.7	0.59	-0.19	21.89	-23.1	32.4
6,148.0	0.74	71.89	6,124.4	-373.8	233.3	1.08	-0.67	-49.41	-39.6	12.9
6,243.0	0.91	62.91	6,219.4	-373.2	234.5	0.22	0.18	-9.45	-42.5	11.7
6,337.0	1.04	71.92	6,313.4	-372.6	236.0	0.21	0.14	9.59	-41.4	20.5
6,431.0	0.97	74.76	6,407.4	-372.1	237.6	0.09	-0.07	3.02	-42.0	22.6
6,525.0	0.73	99.50	6,501.4	-372.0	238.9	0.46	-0.26	26.32	-30.0	38.5
6,619.0	0.63	106.98	6,595.4	-372.3	240.0	0.14	-0.11	7.96	-25.9	42.1
6,714.0	0.58	122.39	6,690.4	-372.7	240.9	0.18	-0.05	16.22	-14.7	47.6
6,808.0	0.36	136.65	6,784.4	-373.2	241.5	0.26	-0.23	15.17	-3.3	49.9
6,902.0	0.41	151.32	6,878.4	-373.7	241.9	0.12	0.05	15.61	8.8	49.2
6,997.0	0.72	195.34	6,973.4	-374.5	241.9	0.54	0.33	46.34	39.7	29.5
7,092.0	0.75	205.41	7,068.4	-375.7	241.5	0.14	0.03	10.60	43.0	22.2
7,186.0	0.85	190.65	7,162.3	-376.9	241.1	0.24	0.11	-15.70	34.6	32.2
7,375.0	1.16	194.71	7,351.3	-380.1	240.3	0.17	0.16	2.15	33.5	29.8
7,469.0	1.36	192.05	7,445.3	-382.2	239.9	0.22	0.21	-2.83	30.0	31.3
7,563.0	1.16	188.76	7,539.3	-384.2	239.5	0.23	-0.21	-3.50	26.1	32.9
7,751.0	1.71	183.85	7,727.2	-388.9	239.0	0.30	0.29	-2.61	18.5	34.8



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7,845.0	1.85	187.50	7,821.2	-391.8	238.7	0.19	0.15	3.88	17.8	33.7
7,940.0	1.74	193.78	7,916.1	-394.7	238.2	0.24	-0.12	6.61	18.4	31.7
8,034.0	1.76	195.55	8,010.1	-397.5	237.4	0.06	0.02	1.88	16.5	31.2
8,128.0	1.56	184.91	8,104.0	-400.1	236.9	0.39	-0.21	-11.32	7.7	33.4
8,222.0	1.44	188.26	8,198.0	-402.6	236.7	0.16	-0.13	3.56	7.2	33.0
8,317.0	1.21	194.61	8,293.0	-404.7	236.2	0.29	-0.24	6.68	8.6	32.1
8,411.0	1.06	203.00	8,387.0	-406.5	235.7	0.24	-0.16	8.93	11.4	30.6
8,505.0	0.62	208.14	8,480.9	-407.7	235.1	0.47	-0.47	5.47	12.7	29.6
8,600.0	0.42	233.73	8,575.9	-408.4	234.6	0.32	-0.21	26.94	23.4	21.4
8,694.0	1.05	248.68	8,669.9	-408.9	233.5	0.69	0.67	15.90	27.0	14.7
8,789.0	1.11	262.74	8,764.9	-409.4	231.7	0.29	0.06	14.80	28.0	8.0
8,883.0	1.15	254.50	8,858.9	-409.7	229.9	0.18	0.04	-8.77	24.7	11.7
8,978.0	2.03	220.77	8,953.9	-411.2	227.9	1.31	0.93	-35.51	11.5	23.0
9,072.0	2.63	219.87	9,047.8	-414.2	225.5	0.64	0.64	-0.96	7.4	23.1
9,166.0	1.82	237.64	9,141.7	-416.6	222.8	1.12	-0.86	18.90	10.5	20.4
9,261.0	1.16	280.48	9,236.7	-417.3	220.6	1.32	-0.69	45.09	19.5	8.9
9,355.0	1.34	264.38	9,330.7	-417.2	218.6	0.42	0.19	-17.13	14.3	13.7
9,450.0	1.95	256.09	9,425.6	-417.7	215.9	0.69	0.64	-8.73	9.5	15.4
9,544.0	1.76	252.52	9,519.6	-418.5	213.0	0.24	-0.20	-3.80	5.4	15.9
9,638.0	1.38	224.31	9,613.5	-419.7	210.8	0.90	-0.40	-30.01	-5.1	15.9
9,733.0	1.21	201.27	9,708.5	-421.5	209.6	0.57	-0.18	-24.25	-13.0	12.2
9,827.0	1.49	197.01	9,802.5	-423.6	208.9	0.32	0.30	-4.53	-16.0	11.1
9,922.0	1.92	182.06	9,897.4	-426.4	208.5	0.65	0.45	-15.74	-21.2	6.3
10,016.0	0.92	185.23	9,991.4	-428.7	208.4	1.07	-1.06	3.37	-23.1	7.5
10,111.0	0.83	192.64	10,086.4	-430.1	208.1	0.15	-0.09	7.80	-23.4	10.5
10,205.0	0.85	193.04	10,180.4	-431.5	207.8	0.02	0.02	0.43	-24.7	10.7
10,299.0	1.42	200.74	10,274.4	-433.2	207.3	0.63	0.61	8.19	-24.9	14.0



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	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)
10,394.0	1.25	179.85	10,369.4	-435.4	206.9	0.54	-0.18	-21.99	-30.4	3.8
10,488.0	1.25	180.79	10,463.3	-437.4	206.8	0.02	0.00	1.00	-32.4	4.3
10,582.0	1.20	198.86	10,557.3	-439.4	206.5	0.41	-0.05	19.22	-31.4	14.4
10,676.0	1.31	216.72	10,651.3	-441.2	205.5	0.43	0.12	19.00	-27.5	23.7
10,866.0	2.20	212.43	10,841.2	-446.0	202.3	0.47	0.47	-2.26	-35.0	21.4
10,960.0	2.18	211.52	10,935.1	-449.0	200.4	0.04	-0.02	-0.97	-38.9	20.8
11,055.0	2.30	206.89	11,030.1	-452.3	198.6	0.23	0.13	-4.87	-44.2	17.5
11,175.0	2.33	199.00	11,150.0	-456.7	196.7	0.27	0.02	-6.57	-51.0	10.9
11,265.0	3.08	202.45	11,239.9	-460.7	195.2	0.85	0.83	3.83	-54.5	14.1
KOP, MD:11265.0', TVD:11239.9',N/S:-460.7', E/W:195.2', INC:3.08										
11,269.0	3.11	202.56	11,243.9	-460.9	195.1	0.85	0.83	2.87	-54.6	14.2
11,364.0	13.47	167.16	11,337.8	-474.1	196.6	11.66	10.91	-37.26	-65.1	-21.7
11,458.0	24.48	178.07	11,426.6	-504.3	199.7	12.26	11.71	11.61	-82.4	-6.1
11,552.0	36.23	181.79	11,507.5	-551.7	199.5	12.65	12.50	3.96	-93.6	-1.3
11,590.9	38.67	182.33	11,538.4	-575.4	198.6	6.33	6.27	1.39	-96.3	-1.6
LL Crossing, MD:11590.9', TVD:11538.4',N/S:-575.4', E/W:198.6', INC:38.67										
11,647.0	42.19	183.02	11,581.1	-611.7	196.9	6.33	6.28	1.23	-96.3	-3.1
11,741.0	53.84	176.25	11,643.9	-681.4	197.7	13.49	12.39	-7.20	-89.6	-9.3
11,835.0	61.50	172.28	11,694.2	-760.3	205.8	8.89	8.15	-4.22	-76.7	-1.8
11,930.0	66.20	176.68	11,736.0	-845.2	213.9	6.46	4.95	4.63	-52.3	9.3
11,994.3	72.13	181.37	11,758.9	-905.2	214.9	11.46	9.21	7.29	-30.7	10.3
FTP Crossing, MD:11994.3', TVD:11758.9',N/S:-905.2', E/W:214.9', INC:72.13										
12,024.0	74.90	183.42	11,767.3	-933.6	213.7	11.46	9.34	6.92	-22.1	8.8
12,118.0	83.70	185.04	11,784.8	-1,025.7	206.9	9.51	9.36	1.72	-4.1	1.3
12,213.0	86.03	183.61	11,793.3	-1,120.0	199.7	2.87	2.45	-1.51	5.0	-6.2
12,307.0	89.23	180.19	11,797.2	-1,213.8	196.6	4.98	3.40	-3.64	9.6	-9.7
12,402.0	89.28	178.84	11,798.4	-1,308.8	197.4	1.42	0.05	-1.42	11.6	-9.3



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	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)	
12,496.0	89.37	177.97	11,799.5	-1,402.8	200.0	0.93	0.10	-0.93	13.4	-7.1	
12,591.0	91.25	179.73	11,799.0	-1,497.8	201.9	2.71	1.98	1.85	13.6	-5.5	
12,686.0	91.22	178.66	11,796.9	-1,592.7	203.3	1.13	-0.03	-1.13	12.2	-4.6	
12,780.0	91.14	179.01	11,795.0	-1,686.7	205.2	0.38	-0.09	0.37	11.0	-3.1	
12,875.0	90.66	177.93	11,793.5	-1,781.6	207.7	1.24	-0.51	-1.14	10.2	-0.9	
12,969.0	89.82	177.34	11,793.1	-1,875.6	211.6	1.09	-0.89	-0.63	10.5	2.6	
13,063.0	89.68	178.81	11,793.5	-1,969.5	214.8	1.57	-0.15	1.56	11.6	5.3	
13,158.0	89.26	178.54	11,794.4	-2,064.5	217.0	0.53	-0.44	-0.28	13.2	7.2	
13,252.0	89.40	178.54	11,795.5	-2,158.4	219.4	0.15	0.15	0.00	15.0	9.2	
13,347.0	89.01	178.64	11,796.8	-2,253.4	221.7	0.42	-0.41	0.11	17.0	11.1	
13,441.0	90.57	179.18	11,797.2	-2,347.4	223.5	1.76	1.66	0.57	18.1	12.5	
13,536.0	90.41	180.33	11,796.4	-2,442.4	223.9	1.22	-0.17	1.21	18.0	12.5	
13,630.0	91.36	181.32	11,794.9	-2,536.3	222.5	1.46	1.01	1.05	17.1	10.8	
13,725.0	91.58	181.35	11,792.5	-2,631.3	220.3	0.23	0.23	0.03	15.1	8.2	
13,819.0	89.73	182.01	11,791.4	-2,725.2	217.6	2.09	-1.97	0.70	14.5	5.0	
13,914.0	90.01	182.45	11,791.6	-2,820.2	213.9	0.55	0.29	0.46	15.2	1.0	
14,008.0	89.37	182.71	11,792.1	-2,914.1	209.6	0.73	-0.68	0.28	16.1	-3.6	
14,103.0	89.82	181.60	11,792.8	-3,009.0	206.1	1.26	0.47	-1.17	17.3	-7.6	
14,198.0	88.73	180.54	11,794.0	-3,104.0	204.3	1.60	-1.15	-1.12	18.9	-9.8	
14,308.0	91.16	178.05	11,794.1	-3,213.9	205.6	3.16	2.21	-2.26	19.6	-8.9	
14,387.0	91.64	178.79	11,792.2	-3,292.9	207.8	1.12	0.61	0.94	18.0	-7.0	
14,481.0	91.44	178.90	11,789.6	-3,386.8	209.7	0.24	-0.21	0.12	15.9	-5.5	
14,576.0	91.14	178.91	11,787.5	-3,481.8	211.5	0.32	-0.32	0.01	14.2	-4.1	
14,670.0	91.27	179.02	11,785.5	-3,575.8	213.2	0.18	0.14	0.12	12.7	-2.8	
14,765.0	92.51	179.42	11,782.4	-3,670.7	214.5	1.37	1.31	0.42	10.0	-1.9	
14,859.0	92.25	180.70	11,778.5	-3,764.6	214.4	1.39	-0.28	1.36	6.6	-2.4	
14,953.0	91.30	179.89	11,775.6	-3,858.6	213.9	1.33	-1.01	-0.86	4.1	-3.2	



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	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)	
15,047.0	88.61	179.58	11,775.7	-3,952.6	214.4	2.88	-2.86	-0.33	4.7	-3.2	
15,141.0	85.72	178.09	11,780.3	-4,046.4	216.3	3.46	-3.07	-1.59	9.8	-1.7	
15,236.0	89.03	178.48	11,784.7	-4,141.2	219.1	3.51	3.48	0.41	14.6	0.8	
15,329.0	89.87	179.35	11,785.6	-4,234.2	220.9	1.30	0.90	0.94	15.9	2.2	
15,424.0	90.21	179.93	11,785.5	-4,329.2	221.5	0.71	0.36	0.61	16.3	2.4	
15,518.0	89.45	179.14	11,785.8	-4,423.2	222.2	1.17	-0.81	-0.84	17.0	2.8	
15,612.0	89.87	179.48	11,786.3	-4,517.2	223.4	0.57	0.45	0.36	18.0	3.5	
15,727.0	88.31	178.60	11,788.1	-4,632.2	225.3	1.56	-1.36	-0.77	20.4	5.0	
15,821.0	90.15	178.16	11,789.4	-4,726.1	228.0	2.01	1.96	-0.47	22.1	7.2	
15,916.0	92.51	178.22	11,787.2	-4,821.0	231.0	2.49	2.48	0.06	20.4	9.8	
16,016.0	92.62	177.71	11,782.7	-4,920.9	234.5	0.52	0.11	-0.51	16.4	13.0	
16,105.0	92.62	177.37	11,778.7	-5,009.7	238.3	0.38	0.00	-0.38	12.8	16.4	
16,200.0	90.83	177.59	11,775.8	-5,104.6	242.5	1.90	-1.88	0.23	10.3	20.2	
16,294.0	88.94	177.79	11,776.0	-5,198.5	246.3	2.02	-2.01	0.21	11.0	23.6	
16,388.0	86.26	179.55	11,779.9	-5,292.4	248.5	3.41	-2.85	1.87	15.3	25.4	
16,483.0	88.89	179.37	11,783.9	-5,387.3	249.4	2.77	2.77	-0.19	19.8	25.9	
16,577.0	89.34	179.01	11,785.4	-5,481.2	250.7	0.61	0.48	-0.38	21.7	26.9	
16,671.0	90.80	180.78	11,785.3	-5,575.2	250.9	2.44	1.55	1.88	22.1	26.7	
16,766.0	90.77	180.59	11,784.0	-5,670.2	249.7	0.20	-0.03	-0.20	21.2	25.1	
16,860.0	90.66	180.14	11,782.8	-5,764.2	249.1	0.49	-0.12	-0.48	20.5	24.1	
16,955.0	90.71	179.84	11,781.7	-5,859.2	249.1	0.32	0.05	-0.32	19.8	23.8	
17,049.0	90.04	179.89	11,781.1	-5,953.2	249.4	0.71	-0.71	0.05	19.7	23.6	
17,142.0	89.23	178.68	11,781.7	-6,046.2	250.5	1.57	-0.87	-1.30	20.7	24.4	
17,237.0	89.79	181.28	11,782.5	-6,141.2	250.6	2.80	0.59	2.74	22.0	24.0	
17,332.0	89.03	181.02	11,783.4	-6,236.2	248.6	0.85	-0.80	-0.27	23.4	21.7	
17,426.0	87.97	180.12	11,785.9	-6,330.1	247.7	1.48	-1.13	-0.96	26.3	20.4	
17,521.0	85.67	178.38	11,791.2	-6,425.0	249.0	3.03	-2.42	-1.83	32.0	21.3	



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,615.0	84.66	179.30	11,799.1	-6,518.6	250.8	1.45	-1.07	0.98	40.4	22.9
17,710.0	85.64	180.29	11,807.1	-6,613.3	251.2	1.46	1.03	1.04	48.9	22.8
17,804.0	86.37	181.28	11,813.7	-6,707.0	249.9	1.31	0.78	1.05	55.9	21.1
17,899.0	92.37	181.61	11,814.7	-6,801.9	247.5	6.33	6.32	0.35	57.4	18.3
17,993.0	93.83	183.20	11,809.6	-6,895.7	243.6	2.29	1.55	1.69	52.7	14.0
18,087.0	93.50	183.41	11,803.6	-6,989.4	238.2	0.42	-0.35	0.22	47.2	8.2
18,181.0	93.51	183.26	11,797.9	-7,083.0	232.7	0.16	0.01	-0.16	41.9	2.3
18,275.0	91.08	181.60	11,794.1	-7,176.9	228.7	3.13	-2.59	-1.77	38.6	-2.0
18,369.0	90.83	180.90	11,792.6	-7,270.8	226.7	0.79	-0.27	-0.74	37.5	-4.5
18,464.0	91.19	181.28	11,790.9	-7,365.8	224.9	0.55	0.38	0.40	36.2	-6.7
18,558.0	91.14	179.56	11,789.0	-7,459.8	224.2	1.83	-0.05	-1.83	34.8	-7.8
18,653.0	91.36	179.42	11,786.9	-7,554.7	225.0	0.27	0.23	-0.15	33.1	-7.3
18,747.0	92.17	179.76	11,784.0	-7,648.7	225.7	0.93	0.86	0.36	30.5	-7.0
18,841.0	88.25	178.97	11,783.7	-7,742.7	226.7	4.25	-4.17	-0.84	30.5	-6.4
18,935.0	88.47	179.46	11,786.3	-7,836.6	228.0	0.57	0.23	0.52	33.5	-5.5
19,030.0	88.53	180.40	11,788.8	-7,931.6	228.1	0.99	0.06	0.99	36.4	-5.7
19,124.0	88.95	179.69	11,790.9	-8,025.6	228.1	0.88	0.45	-0.76	38.8	-6.2
19,218.0	90.83	179.93	11,791.1	-8,119.6	228.4	2.02	2.00	0.26	39.3	-6.3
19,312.0	89.71	177.93	11,790.6	-8,213.5	230.1	2.44	-1.19	-2.13	39.2	-4.9
19,407.0	92.00	179.37	11,789.2	-8,308.5	232.4	2.85	2.41	1.52	38.1	-3.0
19,501.0	91.83	179.61	11,786.1	-8,402.4	233.2	0.31	-0.18	0.26	35.3	-2.6
19,595.0	90.83	178.81	11,783.9	-8,496.4	234.5	1.36	-1.06	-0.85	33.4	-1.7
19,690.0	90.49	179.05	11,782.8	-8,591.4	236.3	0.44	-0.36	0.25	32.7	-0.3
19,784.0	90.27	178.95	11,782.2	-8,685.4	237.9	0.26	-0.23	-0.11	32.4	1.0
19,878.0	90.35	179.18	11,781.7	-8,779.3	239.5	0.26	0.09	0.24	32.2	2.1
19,972.0	90.21	179.39	11,781.2	-8,873.3	240.6	0.27	-0.15	0.22	32.1	2.9
20,160.0	89.71	180.75	11,781.3	-9,061.3	240.4	0.77	-0.27	0.72	32.9	1.9



EOG Resources

Midland PVA

Company:	Midland	Local Co-ordinate Reference:	Well #737H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3321.0usft
Site:	Deep Elem 4 Fed Com	MD Reference:	KB = 32' @ 3321.0usft
Well:	#737H	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)
20,254.0	88.84	180.03	11,782.5	-9,155.3	239.8	1.20	-0.93	-0.77	34.4	0.9
20,348.0	89.20	181.45	11,784.1	-9,249.3	238.5	1.56	0.38	1.51	36.3	-0.7
20,443.0	89.85	181.55	11,784.9	-9,344.3	236.1	0.69	0.68	0.11	37.5	-3.6
20,537.0	92.03	180.71	11,783.4	-9,438.2	234.2	2.49	2.32	-0.89	36.2	-5.8
20,631.0	92.28	180.61	11,779.8	-9,532.1	233.1	0.29	0.27	-0.11	33.0	-7.3
20,725.0	91.72	180.75	11,776.6	-9,626.1	232.0	0.61	-0.60	0.15	30.1	-8.8
20,819.0	91.05	180.19	11,774.3	-9,720.0	231.2	0.93	-0.71	-0.60	28.2	-10.0
20,914.0	91.60	182.02	11,772.1	-9,815.0	229.4	2.01	0.58	1.93	26.3	-12.2
21,008.0	92.10	180.18	11,769.1	-9,908.9	227.6	2.03	0.53	-1.96	23.6	-14.4
21,102.0	89.43	179.15	11,767.8	-10,002.9	228.1	3.04	-2.84	-1.10	22.7	-14.2
21,196.0	88.78	178.60	11,769.3	-10,096.9	230.0	0.91	-0.69	-0.59	24.5	-12.8
21,290.0	87.86	177.99	11,772.0	-10,190.8	232.8	1.17	-0.98	-0.65	27.6	-10.3
21,385.0	88.50	178.35	11,775.0	-10,285.7	235.8	0.77	0.67	0.38	30.9	-7.7
21,479.0	90.52	178.39	11,775.9	-10,379.7	238.5	2.15	2.15	0.04	32.0	-5.4
21,574.0	90.41	178.71	11,775.1	-10,474.6	240.9	0.36	-0.12	0.34	31.6	-3.4
21,667.0	90.63	179.50	11,774.2	-10,567.6	242.4	0.88	0.24	0.85	31.1	-2.3
21,762.0	89.96	178.69	11,773.7	-10,662.6	243.9	1.11	-0.71	-0.85	30.9	-1.2
21,934.0	89.06	178.04	11,775.2	-10,834.5	248.8	0.65	-0.52	-0.38	33.0	3.0
Last MWD Survey (MD=21934.0')										
21,993.0	89.06	178.04	11,776.2	-10,893.5	250.8	0.00	0.00	0.00	34.3	4.7
Projection to Bit (MD=21993.0')										



EOG Resources

Midland PVA

Company: Midland
Project: Eddy County, NM (NAD 83 NME)
Site: Deep Elem 4 Fed Com
Well: #737H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #737H
TVD Reference: KB = 32' @ 3321.0usft
MD Reference: KB = 32' @ 3321.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: PEDM

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,265.0	11,239.9	-460.7	195.2	KOP, MD:11265.0', TVD:11239.9',N/S:-460.7', E/W:195.2', INC:3.08
11,590.9	11,538.4	-575.4	198.6	LL Crossing, MD:11590.9', TVD:11538.4',N/S:-575.4', E/W:198.6', INC:38.67
11,994.3	11,758.9	-905.2	214.9	FTP Crossing, MD:11994.3', TVD:11758.9',N/S:-905.2', E/W:214.9', INC:72.13
21,934.0	11,775.2	-10,834.5	248.8	Last MWD Survey (MD=21934.0')
21,993.0	11,776.2	-10,893.5	250.8	Projection to Bit (MD=21993.0')

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
 KAY MADDOX 10/11/2022



Eddy County, NM (NAD 83 NME)

Deep Elem 4 Fed Com #737H

Plan #1

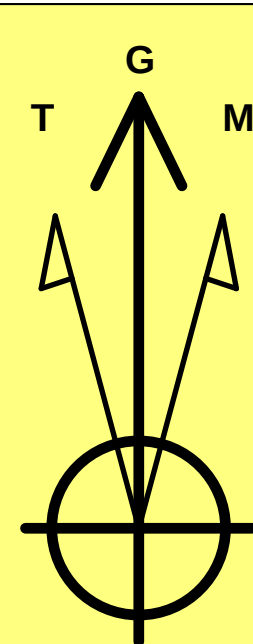
PROJECT DETAILS: Eddy County, NM (NAD 83 NME)

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: #737H

KB = 32' @ 3321.0usft
Northing 388295.00 Easting 709989.00 Latitude 32° 3' 58.800 N Longitude 103° 47' 19.992 W

Azimuths to Grid North
True North: -0.29°
Magnetic North: 6.24°
Magnetic Field
Strength: 47283.1nT
Dip Angle: 59.69°
Date: 5/19/2022
Model: IGRF2020



To convert a Magnetic Direction to a Grid Direction, Add 6.24°
To convert a Magnetic Direction to a True Direction, Add 6.52° East
To convert a True Direction to a Grid Direction, Subtract 0.29°

SECTION DETAILS

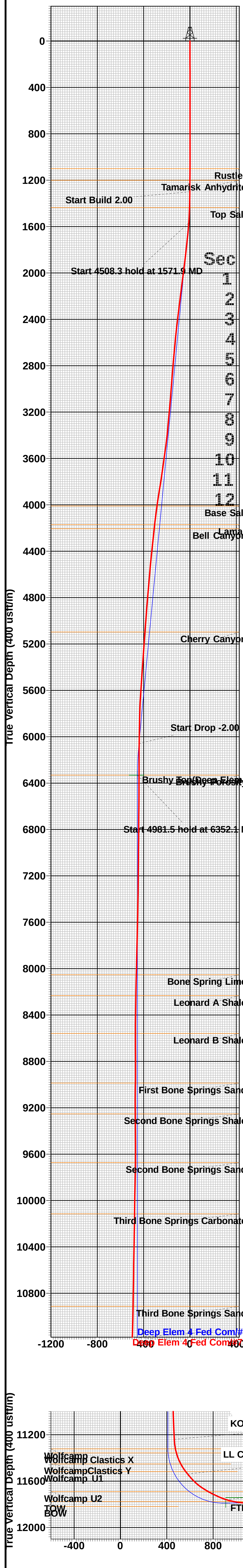
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
1571.9	5.44	153.38	1571.5	-11.5	5.8	2.00	153.38	11.7	
6080.2	5.44	153.38	6059.5	-393.5	197.2	0.00	0.00	397.8	
6352.1	0.00	0.00	6331.0	-405.0	203.0	2.00	180.00	409.5	Brushy Top(Deep Elem 4 Fed Com #737H)
11333.6	0.00	0.00	11312.5	-405.0	203.0	0.00	0.00	409.5	
12087.2	90.43	179.77	11790.0	-886.0	205.0	12.00	179.77	890.4	
13697.1	90.43	179.77	11778.0	-2495.9	211.6	0.00	0.00	2500.0	TGT#1(Deep Elem 4 Fed Com #737H)
13704.6	90.27	179.77	11778.0	-2503.4	211.6	2.00	180.00	2507.6	
18698.0	90.27	179.77	11754.0	-7496.7	232.1	0.00	0.00	7500.0	TGT#2(Deep Elem 4 Fed Com #737H)
18701.6	90.20	179.77	11754.0	-7500.3	232.1	2.00	-180.00	7503.6	
22092.4	90.20	179.77	11742.0	-10891.0	246.0	0.00	0.00	10893.8	PBHL (Deep Elem 4 Fed Com #737H)

CASING DETAILS

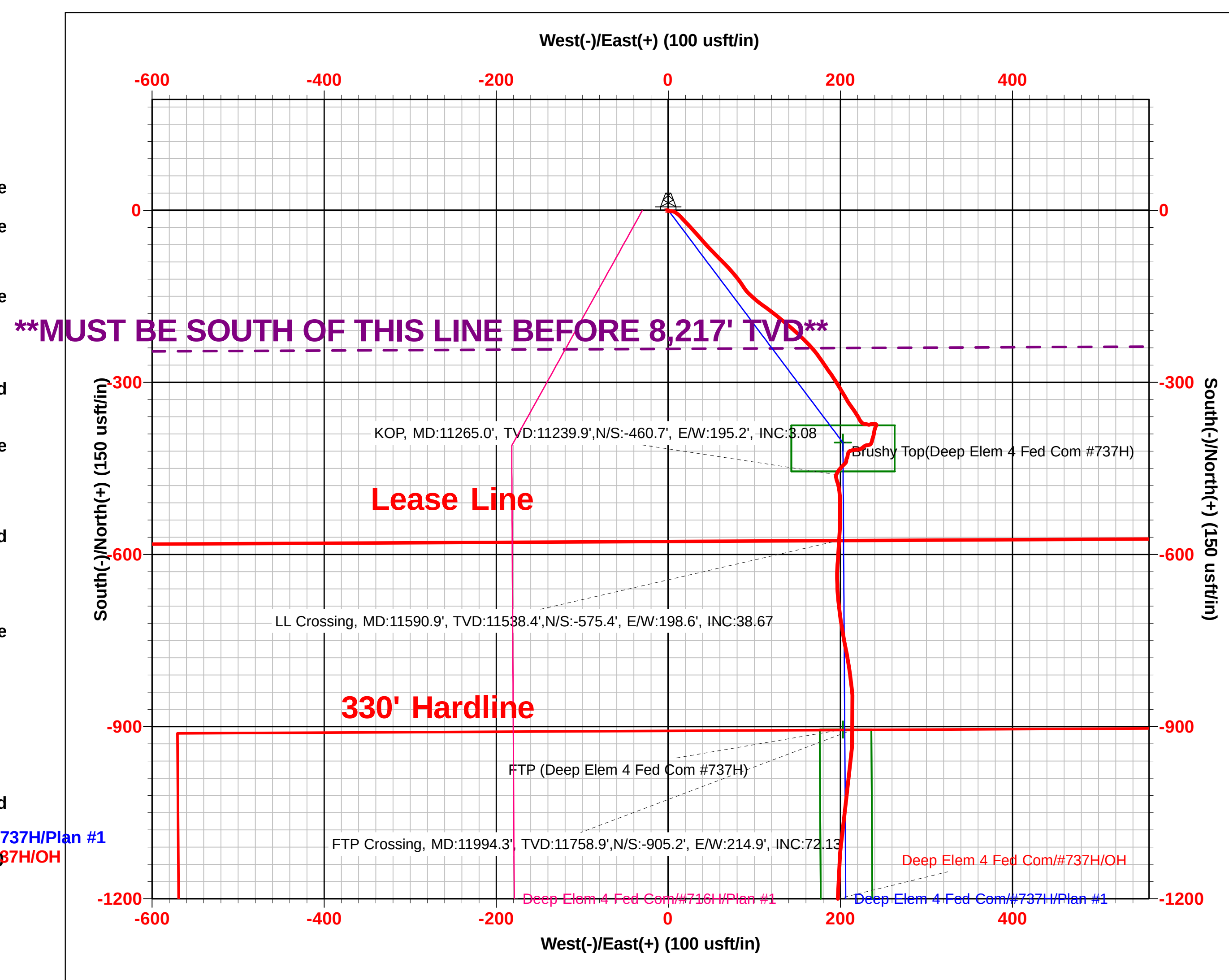
No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

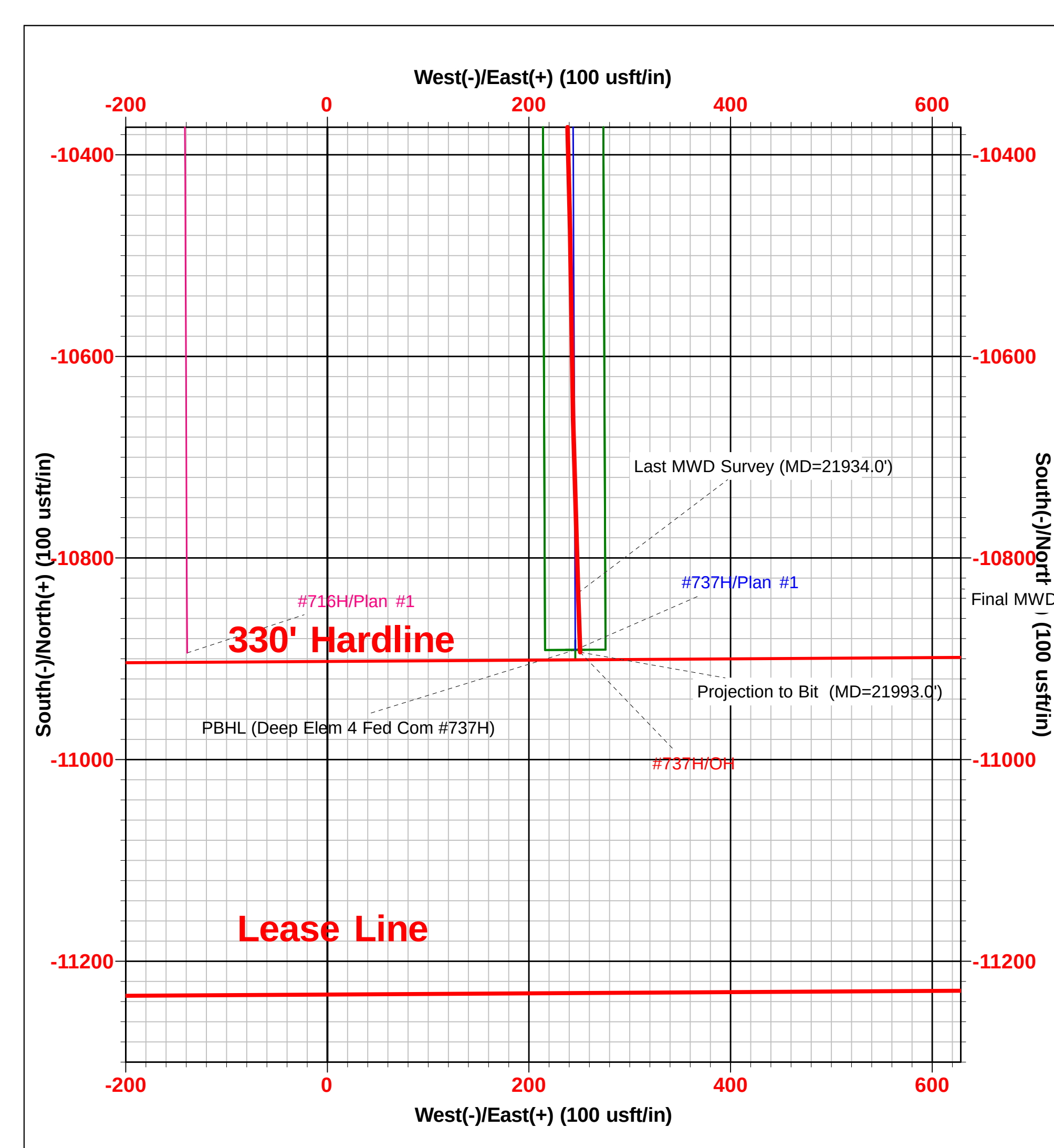
Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Deep Elem 4 Fed Com #737H)	6331.0	-405.0	203.0	387890.00	710192.00
PBHL (Deep Elem 4 Fed Com #737H)	11742.0	-10891.0	246.0	377404.00	710235.00
TGT#2(Deep Elem 4 Fed Com #737H)	11754.0	-7496.7	232.1	380798.30	710221.08
TGT#1(Deep Elem 4 Fed Com #737H)	11778.0	-2495.9	211.6	385799.10	710200.57
FTP (Deep Elem 4 Fed Com #737H)	11790.0	-905.0	203.0	387390.00	710192.00



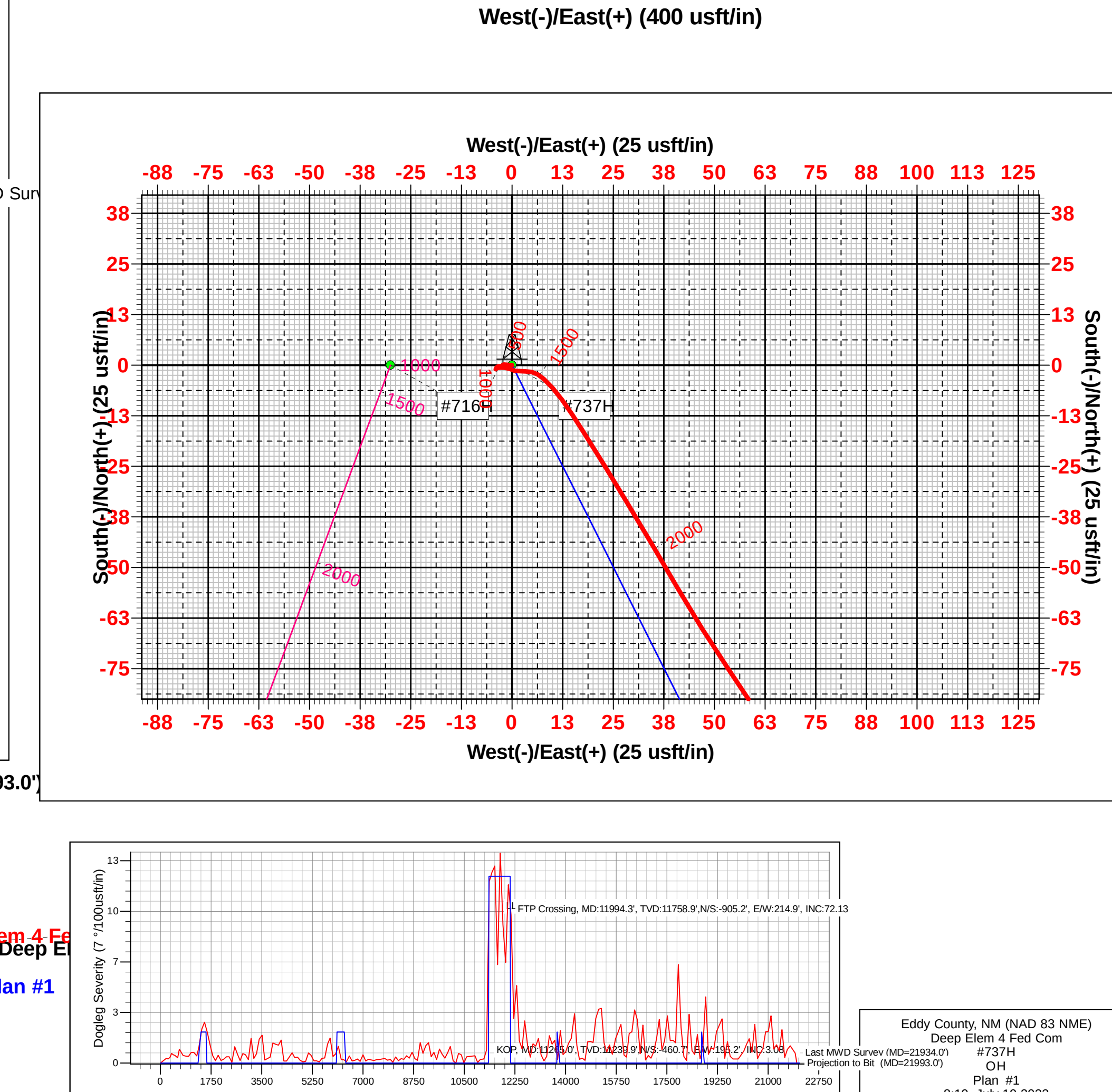
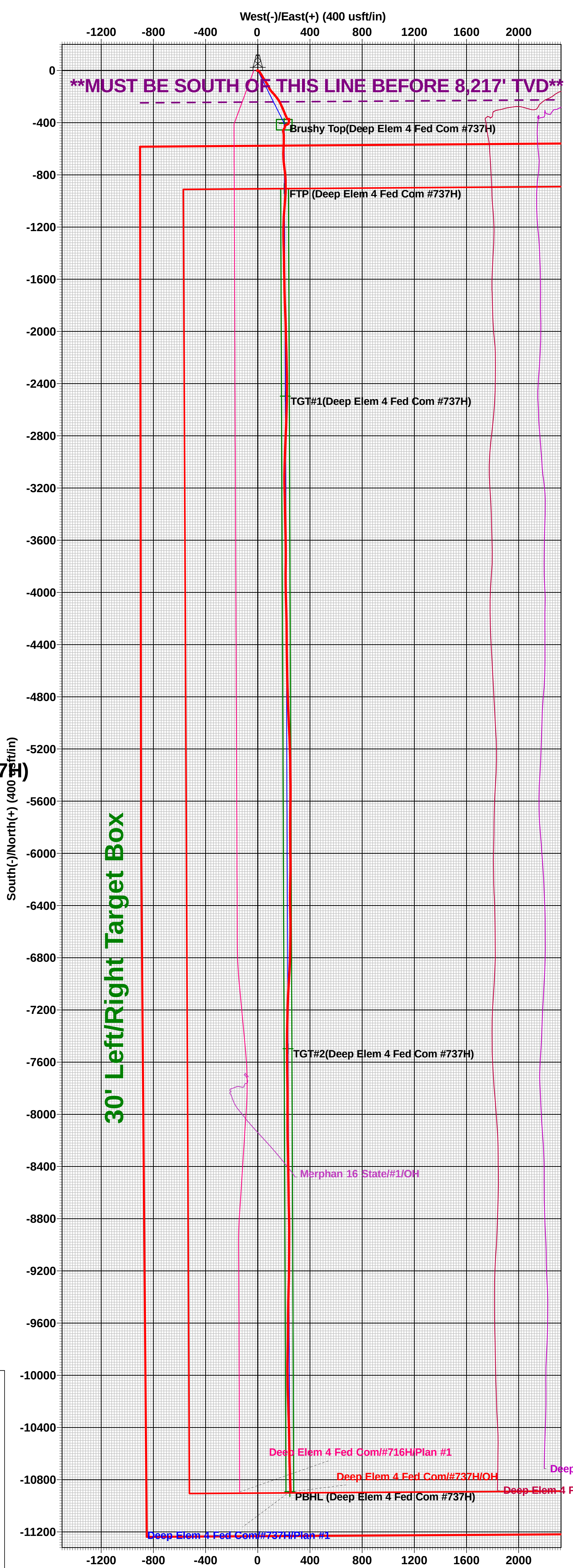
Start Build 2.00
Start 4508.3 hold at 1571.9 MD
Top Salt
Base Salt
Bell Canyon
Cherry Canyon
Start Drop -2.00
Brushy Top(Deep Elem 4 Fed Com #737H)
Start 4981.5 hold at 6352.1 MD
Bone Spring Line
Leonard A Shale
Leonard B Shale
First Bone Springs Sand
Second Bone Springs Shale
Second Bone Springs Sand
Third Bone Springs Carbonate
Third Bone Springs Sand
Wolfcamp U1
Wolfcamp U2
Wolfcamp U3
Wolfcamp U4
Wolfcamp U5
Wolfcamp U6
Wolfcamp U7
Wolfcamp U8
Wolfcamp U9
Wolfcamp U10
Wolfcamp U11
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Wolfcamp U97
Wolfcamp U98
Wolfcamp U99
Wolfcamp U100



KOP, MD:11265.0', TVD:11239.9', N/S:-460.7', E/W:195.2', INC:3.08
LL Crossing, MD:11590.9', TVD:11538.4', N/S:-575.4', E/W:198.6', INC:38.67
FTP Crossing, MD:11994.3', TVD:11758.9', N/S:-905.2', E/W:214.9', INC:72.13
FTP (Deep Elem 4 Fed Com #737H)
TGT#1(Deep Elem 4 Fed Com #737H)
TGT#2(Deep Elem 4 Fed Com #737H)
PBHL (Deep Elem 4 Fed Com #737H)
Deep Elem 4 Fed Com #737H/Plan #1
Deep Elem 4 Fed Com #737H/OH



Last MWD Survey (MD=21934.0')
Projection to Bit (MD=21993.0')
#737H/Plan #1
#737H/OH
PBHL (Deep Elem 4 Fed Com #737H)
Deep Elem 4 Fed Com #737H/Plan #1
Deep Elem 4 Fed Com #737H/OH



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name DEEP ELEM 4 FEDERAL COM		
								6. Well Number: 737H		
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:	M	4	26S	31E		577	SOUTH	900	WEST	EDDY
BH:	M	16	26S	31E		338	SOUTH	1104	WEST	EDDY
13. Date Spudded 04/26/2022	14. Date T.D. Reached 07/15/2022		15. Date Rig Released 07/18/2022			16. Date Completed (Ready to Produce) 10/16/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3289' GL		
18. Total Measured Depth of Well MD 21,993' TVD 11,776'			19. Plug Back Measured Depth MD 21,971' TVD 11,776'			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 12,024 - 21,971'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10 3/4"		40.5#		1305'		13 1/2"		550 CL C/CIRC		
8 3/4"		38.5#		11,117'		9 7/8"		1698 CL C&H/CIRC		
6"		24.5#		21,978'		7 7/8"		1760 CL H TOC 7098' CBL		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
							SIZE		DEPTH SET	PACKER SET
26. Perforation record (interval, size, and number) 12,024 - 21,971' 3 1/8", 2100 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,024 - 21,971'		FRAC W 24,865,271 lbs proppant, 418,862 bbls load fld		
28. PRODUCTION										
Date First Production 10/16/2022		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 10/24/2022	Hours Tested 24	Choke Size 48	Prod'n For Test Period	Oil - Bbl 3371	Gas - MCF 18,097	Water - Bbl. 7242	Gas - Oil Ratio 5368			
Flow Tubing Press.	Casing Pressure 3276	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 46				
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 11/01/2022	
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	1101'	T. Canyon Brushy 6331'	T. Ojo Alamo	T. Penn A"		
T. Salt		1436'	T. Strawn	T. Kirtland	T. Penn. "B"		
B. Salt		4010'	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 8987'	T. Entrada			
T. Wolfcamp		11,322'	T. 2nd BS Sand 9673'	T. Wingate			
T. Penn			T. 3rd BS Sand 10,913'	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

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 155407

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 155407
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 155407

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 155407
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	10/2/2025