

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 12/12/2021
⁴ API Number 30 - 025-48840	⁵ Pool Name WC025 G08 S253235G; LOWER BONE SPRING	
		⁶ Pool Code 97903
⁷ Property Code 330803	⁸ Property Name JEFE 29 FEDERAL COM	
		⁹ Well Number 505H

II. ¹⁰ Surface Location

Ul or lot no. K	Section 29	Township 25S	Range 32E	Lot Idn	Feet from the 1943'	North/South Line SOUTH	Feet from the 2371'	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. N	Section 32	Township 25S	Range 32E	Lot Idn	Feet from the 111'	North/South line SOUTH	Feet from the 2504'	East/West line WEST	County LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 07/09/2021	²² Ready Date 12/12/2021	²³ TD 17,861'	²⁴ PBDT 17,838'	²⁵ Perforations 10,411 - 17,838'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
16"		13 3/8"		1221'	
12 1/4"		9 5/8"		4528'	
8 1/2"		5 1/2"		17,845'	
				2170 SXS CL H TOC 4430' CBL PRESSURE TEST ATTACHED	

V. Well Test Data

³¹ Date New Oil 12/12/2021	³² Gas Delivery Date 12/12/2021	³³ Test Date 12/19/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 607
³⁷ Choke Size 128	³⁸ Oil 1851	³⁹ Water 7052	⁴⁰ Gas 4231		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		
Printed name: Kay Maddox			Approved by: PATRICIA MARTINEZ		
Title: SENIOR REGULATORY SPECIALIST			Title: PETROLEUM SPECIALIST		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 10/5/2023		
Date: 01/06/2022		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 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- 48840	² Pool Code 97903	³ Pool Name WC025 G08 S253235G; LOWER BONE SPRING
⁴ Property Code 330803	⁵ Property Name JEFE 29 FED COM	⁶ Well Number 505H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3355'

¹⁰Surface Location

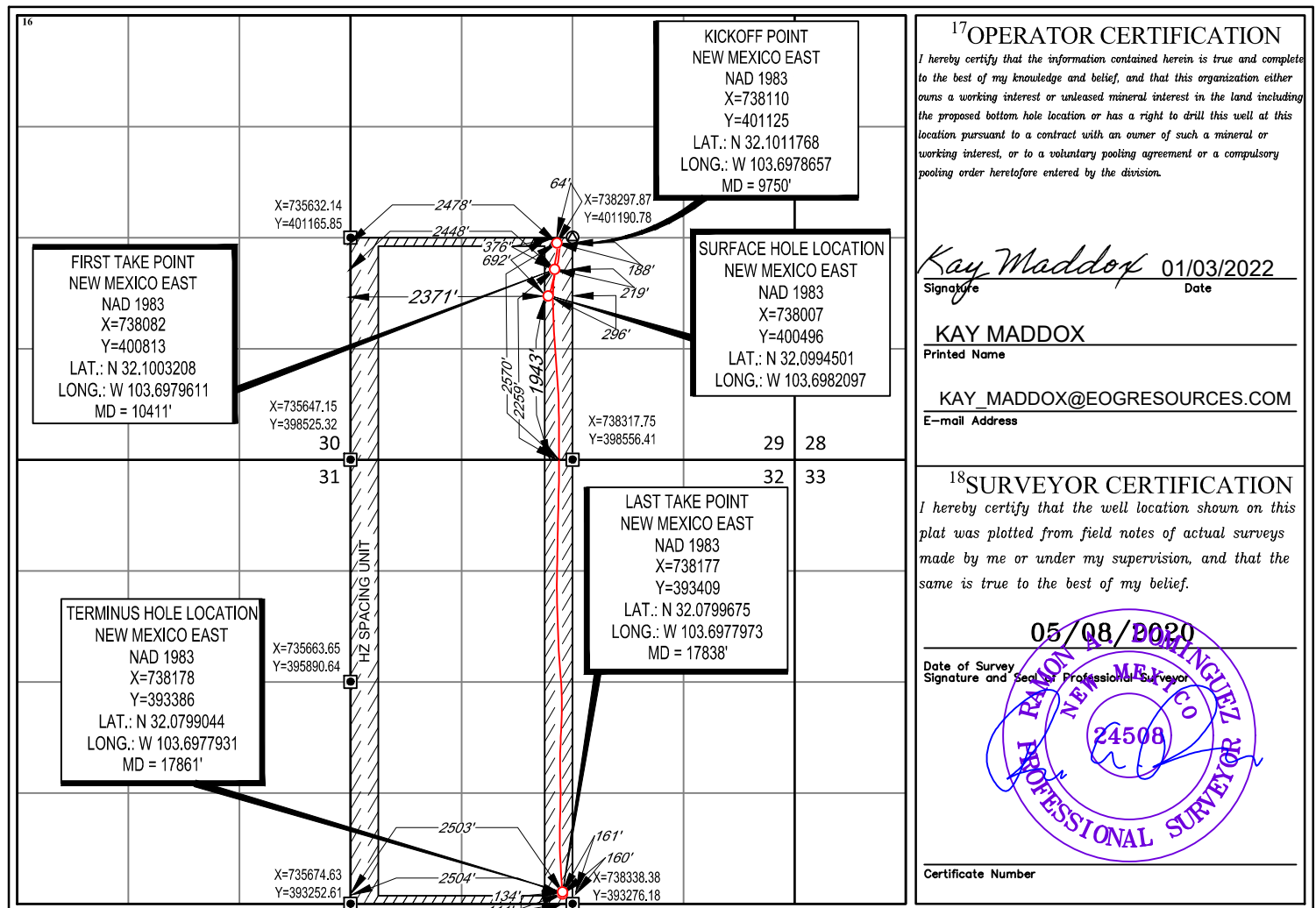
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	29	25-S	32-E	-	1943'	SOUTH	2371'	WEST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	32	25-S	32-E	-	111'	SOUTH	2504'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Midland

Lea County, NM (NAD 83 NME)

Jefe 29 Fed Com

#505H

OH

Design: OH

Final PVA

16 August, 2021



Final PVA

Company: Midland Project: Lea County, NM (NAD 83 NME) Site: Jefe 29 Fed Com Well: #505H Wellbore: OH Design: OH	Local Co-ordinate Reference: Well #505H TVD Reference: KB = 26' @ 3381.0usft MD Reference: KB = 26' @ 3381.0usft 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	Jefe 29 Fed Com				
Site Position:	Northing:	400,660.00 usft	Latitude:	32° 5' 59.750 N	
From: Map	Easting:	736,197.00 usft	Longitude:	103° 42' 14.588 W	
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.33 °

Well	#505H					
Well Position	+N/-S	0.0 usft	Northing:	400,496.00 usft	Latitude:	32° 5' 58.022 N
	+E/-W	0.0 usft	Easting:	738,007.00 usft	Longitude:	103° 41' 53.557 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,355.0 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/11/2021	6.58	59.76	47,391.67373111

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 (°)
			178.78

Survey Program	Date	8/16/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
172.0	17,861.0	Driltech (OH)	EOG MWD+IFR1	MWD + IFR1



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3381.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3381.0usft
Well:	#505H	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	
172.0	0.79	116.61	172.0	-0.5	1.1	0.46	0.46	0.00	-1.2	0.0	
231.0	0.70	115.99	231.0	-0.9	1.7	0.15	-0.15	-1.05	-2.0	0.0	
317.0	0.88	108.52	317.0	-1.3	2.8	0.24	0.21	-8.69	-3.1	-0.3	
406.0	1.06	99.03	406.0	-1.7	4.3	0.27	0.20	-10.66	-4.5	-1.0	
492.0	1.23	67.39	492.0	-1.4	5.9	0.75	0.20	-36.79	-4.9	-3.6	
579.0	2.73	31.35	578.9	0.7	7.9	2.16	1.72	-41.43	-4.7	-6.4	
670.0	3.96	23.62	669.7	5.4	10.3	1.44	1.35	-8.49	-9.1	-7.2	
827.0	1.06	56.40	826.6	11.2	13.7	1.99	-1.85	20.88	-17.6	1.8	
921.0	1.93	35.92	920.6	13.0	15.3	1.07	0.93	-21.79	-19.5	-4.8	
1,015.0	2.73	26.08	1,014.5	16.3	17.2	0.95	0.85	-10.47	-22.2	-8.3	
1,109.0	2.55	19.93	1,108.4	20.2	18.9	0.36	-0.19	-6.54	-25.5	-10.9	
1,168.0	2.64	23.09	1,167.3	22.7	19.9	0.29	0.15	5.36	-28.7	-9.4	
1,296.0	2.46	29.16	1,295.2	27.8	22.4	0.25	-0.14	4.74	-33.7	-6.5	
1,391.0	4.22	12.10	1,390.0	33.0	24.1	2.11	1.85	-17.96	-31.0	-16.9	
1,485.0	6.60	9.12	1,483.6	41.7	25.7	2.55	2.53	-3.17	-31.1	-18.6	
1,580.0	9.67	10.87	1,577.6	55.0	28.1	3.24	3.23	1.84	-34.2	-17.7	
1,674.0	9.41	13.25	1,670.3	70.2	31.3	0.50	-0.28	2.53	-39.1	-16.6	
1,769.0	8.97	14.65	1,764.1	84.9	35.0	0.52	-0.46	1.47	-43.2	-16.5	
1,863.0	8.35	13.69	1,857.0	98.7	38.4	0.68	-0.66	-1.02	-45.6	-18.1	
1,957.0	7.83	13.42	1,950.1	111.5	41.5	0.55	-0.55	-0.29	-47.4	-19.0	
2,052.0	7.39	11.93	2,044.3	123.8	44.3	0.51	-0.46	-1.57	-47.9	-20.8	
2,146.0	6.95	13.25	2,137.5	135.2	46.9	0.50	-0.47	1.40	-48.7	-20.3	
2,241.0	6.51	13.60	2,231.9	146.1	49.4	0.47	-0.46	0.37	-48.4	-20.7	
2,335.0	7.21	15.62	2,325.2	156.9	52.3	0.79	0.74	2.15	-49.0	-20.0	
2,430.0	9.06	17.91	2,419.2	169.8	56.2	1.98	1.95	2.41	-51.7	-19.4	
2,524.0	8.35	18.87	2,512.2	183.3	60.7	0.77	-0.76	1.02	-55.0	-20.3	



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Jefe 29 Fed Com
Well: #505H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #505H
TVD Reference: KB = 26' @ 3381.0usft
MD Reference: KB = 26' @ 3381.0usft
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)
2,619.0	7.74	20.72	2,606.2	195.8	65.2	0.70	-0.64	1.95	-57.6	-20.4
2,713.0	6.77	20.54	2,699.5	206.9	69.4	1.03	-1.03	-0.19	-58.2	-22.8
2,808.0	6.77	13.69	2,793.8	217.6	72.6	0.85	0.00	-7.21	-54.7	-31.0
2,902.0	8.35	10.70	2,887.0	229.7	75.2	1.73	1.68	-3.18	-53.9	-34.2
2,997.0	7.56	11.49	2,981.1	242.6	77.7	0.84	-0.83	0.83	-56.0	-33.7
3,091.0	6.95	12.81	3,074.3	254.2	80.2	0.67	-0.65	1.40	-57.2	-32.9
3,186.0	5.89	13.77	3,168.7	264.5	82.7	1.12	-1.12	1.01	-56.8	-32.6
3,280.0	6.33	9.73	3,262.2	274.3	84.7	0.65	0.47	-4.30	-53.0	-36.9
3,374.0	7.65	10.61	3,355.5	285.6	86.7	1.41	1.40	0.94	-53.5	-36.1
3,469.0	7.03	12.98	3,449.7	297.5	89.2	0.73	-0.65	2.49	-55.5	-34.3
3,564.0	6.24	13.25	3,544.1	308.1	91.7	0.83	-0.83	0.28	-55.1	-34.7
3,658.0	6.77	10.79	3,637.5	318.6	93.9	0.64	0.56	-2.62	-52.8	-37.4
3,753.0	7.83	8.24	3,731.7	330.5	95.9	1.17	1.12	-2.68	-51.6	-39.7
3,847.0	7.03	15.01	3,824.9	342.4	98.3	1.26	-0.85	7.20	-56.6	-33.6
3,942.0	5.98	21.77	3,919.3	352.6	101.6	1.37	-1.11	7.12	-59.6	-28.5
4,036.0	6.68	13.51	4,012.7	362.4	104.7	1.22	0.74	-8.79	-53.8	-38.1
4,130.0	7.56	14.30	4,106.0	373.7	107.5	0.94	0.94	0.84	-54.6	-38.2
4,225.0	6.68	22.30	4,200.3	384.9	111.2	1.39	-0.93	8.42	-59.8	-31.9
4,319.0	6.60	21.42	4,293.6	395.0	115.2	0.14	-0.09	-0.94	-58.9	-35.2
4,413.0	8.53	10.17	4,386.8	406.9	118.4	2.58	2.05	-11.97	-51.8	-47.1
4,476.0	7.74	9.12	4,449.2	415.7	119.9	1.28	-1.25	-1.67	-52.2	-48.1
4,617.0	6.51	7.89	4,589.1	433.0	122.5	0.88	-0.87	-0.87	-51.5	-48.8
4,712.0	6.60	6.74	4,683.5	443.7	123.9	0.17	0.09	-1.21	-49.8	-49.3
4,806.0	6.24	7.09	4,776.9	454.2	125.2	0.39	-0.38	0.37	-49.2	-48.4
4,900.0	5.80	7.18	4,870.4	463.9	126.4	0.47	-0.47	0.10	-47.7	-47.8
4,995.0	7.12	4.37	4,964.8	474.6	127.4	1.43	1.39	-2.96	-44.5	-49.2
5,089.0	7.30	5.16	5,058.0	486.3	128.4	0.22	0.19	0.84	-45.6	-47.6



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3381.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3381.0usft
Well:	#505H	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)	
5,183.0	7.21	3.49	5,151.3	498.2	129.3	0.24	-0.10	-1.78	-44.7	-47.8	
5,277.0	8.09	6.66	5,244.4	510.6	130.4	1.04	0.94	3.37	-48.3	-44.4	
5,372.0	8.09	8.76	5,338.5	523.9	132.2	0.31	0.00	2.21	-51.7	-42.1	
5,466.0	7.74	5.60	5,431.6	536.7	133.8	0.59	-0.37	-3.36	-50.9	-44.4	
5,561.0	7.56	6.04	5,525.7	549.3	135.1	0.20	-0.19	0.46	-52.4	-43.2	
5,655.0	8.71	11.65	5,618.8	562.4	137.2	1.49	1.22	5.97	-58.2	-37.7	
5,749.0	8.09	7.35	5,711.8	575.9	139.5	0.94	-0.66	-4.57	-57.5	-42.0	
5,843.0	8.09	8.58	5,804.9	589.0	141.3	0.18	0.00	1.31	-60.2	-40.3	
5,938.0	8.00	7.17	5,898.9	602.2	143.2	0.23	-0.09	-1.48	-60.9	-41.4	
6,032.0	8.09	6.03	5,992.0	615.3	144.7	0.19	0.10	-1.21	-61.9	-42.0	
6,126.0	5.80	9.11	6,085.3	626.6	146.1	2.47	-2.44	3.28	-63.9	-38.2	
6,220.0	4.84	6.64	6,178.9	635.2	147.3	1.05	-1.02	-2.63	-59.5	-40.5	
6,315.0	4.04	354.08	6,273.6	642.5	147.4	1.32	-0.84	-13.22	-45.4	-50.1	
6,409.0	2.46	344.50	6,367.5	647.7	146.6	1.77	-1.68	-10.19	-31.3	-52.7	
6,503.0	1.41	333.86	6,461.4	650.7	145.5	1.18	-1.12	-11.32	-14.9	-51.2	
6,597.0	1.41	334.30	6,555.4	652.8	144.5	0.01	0.00	0.47	-8.5	-44.6	
6,692.0	1.41	334.65	6,650.3	654.9	143.5	0.01	0.00	0.37	-3.9	-39.4	
6,786.0	0.18	38.20	6,744.3	656.1	143.1	1.43	-1.31	67.61	-32.6	-15.8	
6,881.0	0.35	347.48	6,839.3	656.5	143.1	0.29	0.18	-53.39	-6.4	-34.3	
6,975.0	0.35	313.65	6,933.3	656.9	142.9	0.22	0.00	-35.99	13.4	-32.1	
7,070.0	0.18	256.52	7,028.3	657.1	142.5	0.31	-0.18	-60.14	33.9	-6.4	
7,164.0	0.35	300.20	7,122.3	657.2	142.1	0.27	0.18	46.47	19.7	-27.9	
7,258.0	0.44	322.17	7,216.3	657.6	141.6	0.19	0.10	23.37	7.2	-33.2	
7,352.0	0.70	301.96	7,310.3	658.2	140.9	0.35	0.28	-21.50	17.3	-28.8	
7,447.0	0.18	295.98	7,405.3	658.6	140.3	0.55	-0.55	-6.29	19.5	-26.9	
7,541.0	0.53	249.22	7,499.3	658.5	139.8	0.45	0.37	-49.74	32.4	-4.3	
7,635.0	0.53	252.21	7,593.3	658.2	138.9	0.03	0.00	3.18	31.3	-6.0	

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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3381.0usft
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Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
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7,729.0	0.79	233.23	7,687.3	657.7	138.0	0.36	0.28	-20.19	30.4	4.4
7,824.0	1.32	209.41	7,782.3	656.4	136.9	0.71	0.56	-25.07	24.4	16.0
7,918.0	1.58	204.05	7,876.3	654.2	135.9	0.31	0.28	-5.70	20.4	18.1
8,012.0	1.76	199.56	7,970.2	651.7	134.9	0.24	0.19	-4.78	16.2	19.6
8,106.0	1.67	189.11	8,064.2	649.0	134.2	0.35	-0.10	-11.12	9.6	21.9
8,201.0	2.11	183.57	8,159.1	645.9	133.8	0.50	0.46	-5.83	4.3	22.6
8,295.0	1.93	192.18	8,253.1	642.6	133.4	0.37	-0.19	9.16	4.3	22.0
8,389.0	1.58	193.50	8,347.0	639.8	132.8	0.37	-0.37	1.40	2.0	21.9
8,484.0	1.49	203.78	8,442.0	637.4	132.0	0.30	-0.09	10.82	3.3	21.4
8,578.0	1.23	190.34	8,536.0	635.3	131.3	0.44	-0.28	-14.30	-4.0	21.3
8,672.0	1.23	229.10	8,629.9	633.6	130.3	0.87	0.00	41.23	8.5	19.8
8,765.0	1.41	237.36	8,722.9	632.3	128.6	0.28	0.19	8.88	9.1	18.5
8,861.0	1.49	252.56	8,818.9	631.3	126.4	0.41	0.08	15.83	11.2	15.8
8,956.0	1.58	260.56	8,913.9	630.8	124.0	0.24	0.09	8.42	10.8	14.2
9,050.0	1.32	270.05	9,007.8	630.5	121.6	0.38	-0.28	10.10	10.6	12.5
9,144.0	1.85	266.54	9,101.8	630.4	119.0	0.57	0.56	-3.73	7.2	13.0
9,239.0	1.58	247.73	9,196.7	629.9	116.3	0.65	-0.28	-19.80	-0.1	14.2
9,333.0	1.85	248.17	9,290.7	628.8	113.7	0.29	0.29	0.47	-2.8	14.2
9,427.0	1.67	276.47	9,384.7	628.4	110.9	0.93	-0.19	30.11	1.5	14.5
9,522.0	1.58	271.11	9,479.6	628.6	108.2	0.19	-0.09	-5.64	-2.5	14.5
9,616.0	1.49	270.84	9,573.6	628.6	105.7	0.10	-0.10	-0.29	-5.1	14.5
9,750.0	0.97	277.52	9,707.6	628.8	102.8	0.40	-0.39	4.99	-6.2	15.2
KOP, MD:9750.0', TVD:9707.6',N/S:628.8', E/W:102.8', INC:0.97										
9,845.0	7.74	179.09	9,802.3	622.5	102.1	8.36	7.13	-103.61	-17.1	-9.2
9,939.0	17.15	172.58	9,894.0	602.4	104.0	10.11	10.01	-6.93	-18.3	-9.4
9,969.2	19.41	172.44	9,922.6	593.0	105.3	7.48	7.48	-0.46	-18.8	-8.3
FTP Crossing, MD:9969.2', TVD:9922.6',N/S:593.0', E/W:105.3', INC:19.41										

Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3381.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3381.0usft
Well:	#505H	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)	
10,033.0	24.18	172.23	9,981.9	569.5	108.4	7.48	7.48	-0.33	-18.4	-5.1	
10,127.0	32.71	188.75	10,064.6	525.2	107.2	12.27	9.07	17.57	-15.5	-2.5	
10,222.0	43.70	192.36	10,139.1	467.6	96.2	11.80	11.57	3.80	-13.4	-13.7	
10,316.0	53.02	187.79	10,201.5	398.5	84.1	10.55	9.91	-4.86	-10.4	-27.3	
10,411.0	64.10	185.06	10,251.0	318.1	75.2	11.92	11.66	-2.87	-8.2	-37.2	
10,505.0	72.55	183.48	10,285.7	231.0	68.7	9.12	8.99	-1.68	-6.8	-44.3	
10,599.0	72.55	184.01	10,313.9	141.6	62.9	0.54	0.00	0.56	2.2	-50.8	
10,694.0	77.82	181.28	10,338.2	49.9	58.7	6.20	5.55	-2.87	22.3	-55.7	
10,748.0	84.50	180.84	10,346.5	-3.5	57.7	12.40	12.37	-0.81	30.7	-56.7	
10,788.0	91.10	180.58	10,348.0	-43.4	57.2	16.51	16.50	-0.65	32.0	-57.3	
10,882.0	89.08	177.77	10,347.8	-137.4	58.5	3.68	-2.15	-2.99	31.1	-56.4	
10,976.0	88.46	177.50	10,349.9	-231.3	62.4	0.72	-0.66	-0.29	32.3	-53.0	
11,070.0	88.72	177.42	10,352.2	-325.2	66.6	0.29	0.28	-0.09	33.8	-49.3	
11,165.0	88.90	177.24	10,354.1	-420.0	71.0	0.27	0.19	-0.19	34.9	-45.4	
11,259.0	88.72	176.54	10,356.1	-513.9	76.1	0.77	-0.19	-0.74	36.1	-40.8	
11,353.0	88.29	175.75	10,358.6	-607.6	82.4	0.96	-0.46	-0.84	37.7	-34.9	
11,447.0	88.20	176.01	10,361.4	-701.3	89.2	0.29	-0.10	0.28	40.1	-28.7	
11,541.0	89.08	176.19	10,363.7	-795.1	95.5	0.96	0.94	0.19	41.9	-22.8	
11,635.0	90.22	175.83	10,364.2	-888.9	102.1	1.27	1.21	-0.38	42.0	-16.7	
11,730.0	90.48	175.66	10,363.7	-983.6	109.1	0.33	0.27	-0.18	41.0	-10.2	
11,824.0	90.31	175.48	10,363.0	-1,077.3	116.4	0.26	-0.18	-0.19	39.9	-3.5	
11,918.0	91.71	177.50	10,361.4	-1,171.1	122.2	2.61	1.49	2.15	37.8	1.8	
12,012.0	90.75	178.82	10,359.3	-1,265.1	125.2	1.74	-1.02	1.40	35.4	4.3	
12,106.0	90.40	178.56	10,358.4	-1,359.0	127.3	0.46	-0.37	-0.28	34.0	6.0	
12,200.0	90.48	178.38	10,357.7	-1,453.0	129.8	0.21	0.09	-0.19	32.9	8.0	
12,295.0	89.96	180.67	10,357.3	-1,548.0	130.6	2.47	-0.55	2.41	32.1	8.2	
12,389.0	90.22	180.49	10,357.2	-1,642.0	129.7	0.34	0.28	-0.19	31.5	6.8	



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3381.0usft
Site:	Jefe 29 Fed Com	MD Reference:	KB = 26' @ 3381.0usft
Well:	#505H	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)
12,483.0	89.87	179.96	10,357.1	-1,736.0	129.3	0.68	-0.37	-0.56	31.0	5.9
12,578.0	90.48	180.23	10,356.8	-1,831.0	129.1	0.70	0.64	0.28	30.3	5.3
12,672.0	89.78	180.05	10,356.6	-1,925.0	128.9	0.77	-0.74	-0.19	29.6	4.5
12,767.0	90.04	179.79	10,356.7	-2,020.0	129.0	0.39	0.27	-0.27	29.3	4.2
12,861.0	90.48	179.53	10,356.3	-2,114.0	129.6	0.54	0.47	-0.28	28.5	4.2
12,955.0	88.72	181.63	10,357.0	-2,208.0	128.6	2.91	-1.87	2.23	28.7	2.8
13,050.0	88.20	181.55	10,359.5	-2,302.9	126.0	0.55	-0.55	-0.08	30.7	-0.4
13,144.0	88.02	181.20	10,362.6	-2,396.8	123.8	0.42	-0.19	-0.37	33.4	-3.1
13,239.0	86.97	180.67	10,366.8	-2,491.7	122.2	1.24	-1.11	-0.56	37.1	-5.2
13,333.0	88.37	181.55	10,370.6	-2,585.6	120.4	1.76	1.49	0.94	40.4	-7.5
13,444.0	89.78	181.99	10,372.4	-2,696.5	117.0	1.33	1.27	0.40	41.7	-11.5
13,521.0	91.28	180.84	10,371.7	-2,773.5	115.1	2.45	1.95	-1.49	40.6	-13.9
13,614.0	92.51	181.02	10,368.6	-2,866.4	113.6	1.34	1.32	0.19	37.1	-15.9
13,708.0	91.98	181.20	10,364.9	-2,960.3	111.7	0.60	-0.56	0.19	32.9	-18.2
13,803.0	91.98	180.84	10,361.6	-3,055.3	110.0	0.38	0.00	-0.38	29.2	-20.4
13,897.0	91.01	180.84	10,359.2	-3,149.2	108.7	1.03	-1.03	0.00	26.2	-22.3
13,991.0	90.40	181.20	10,358.0	-3,243.2	107.0	0.75	-0.65	0.38	24.5	-24.4
14,086.0	90.92	181.37	10,356.9	-3,338.2	104.9	0.58	0.55	0.18	22.9	-27.0
14,202.0	91.19	179.70	10,354.8	-3,454.1	103.8	1.46	0.23	-1.44	20.1	-28.7
14,296.0	90.31	179.00	10,353.6	-3,548.1	104.8	1.20	-0.94	-0.74	18.4	-28.2
14,391.0	89.96	178.03	10,353.3	-3,643.1	107.3	1.09	-0.37	-1.02	17.6	-26.2
14,485.0	90.48	178.29	10,353.0	-3,737.0	110.3	0.62	0.55	0.28	16.7	-23.7
14,579.0	91.19	178.29	10,351.6	-3,831.0	113.1	0.76	0.76	0.00	14.8	-21.4
14,674.0	92.42	178.47	10,348.6	-3,925.9	115.8	1.31	1.29	0.19	11.3	-19.2
14,768.0	91.01	178.38	10,345.8	-4,019.8	118.4	1.50	-1.50	-0.10	8.0	-17.1
14,863.0	88.81	177.77	10,345.9	-4,114.8	121.6	2.40	-2.32	-0.64	7.6	-14.4
14,957.0	88.55	176.71	10,348.1	-4,208.6	126.1	1.16	-0.28	-1.13	9.3	-10.4

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Jefe 29 Fed Com
Well: #505H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #505H
TVD Reference: KB = 26' @ 3381.0usft
MD Reference: KB = 26' @ 3381.0usft
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)	
15,052.0	86.70	176.10	10,352.0	-4,303.4	132.1	2.05	-1.95	-0.64	12.7	-4.9	
15,147.0	87.32	175.66	10,357.0	-4,398.0	138.9	0.80	0.65	-0.46	17.1	1.4	
15,241.0	87.05	175.39	10,361.6	-4,491.6	146.2	0.41	-0.29	-0.29	21.2	8.2	
15,351.0	90.48	175.48	10,364.0	-4,601.2	155.0	3.12	3.12	0.08	23.0	16.3	
15,430.0	89.87	177.24	10,363.7	-4,680.0	160.0	2.36	-0.77	2.23	22.3	20.9	
15,524.0	91.71	179.96	10,362.4	-4,774.0	162.3	3.49	1.96	2.89	20.5	22.7	
15,618.0	92.68	179.35	10,358.8	-4,867.9	162.8	1.22	1.03	-0.65	16.4	22.8	
15,712.0	92.07	181.46	10,355.0	-4,961.8	162.2	2.33	-0.65	2.24	12.0	21.6	
15,806.0	90.92	182.34	10,352.5	-5,055.7	159.1	1.54	-1.22	0.94	9.0	18.0	
15,900.0	90.57	182.34	10,351.3	-5,149.6	155.2	0.37	-0.37	0.00	7.3	13.7	
15,995.0	90.40	182.43	10,350.5	-5,244.6	151.3	0.20	-0.18	0.09	6.0	9.2	
16,063.0	92.68	182.60	10,348.6	-5,312.5	148.3	3.36	3.35	0.25	3.8	5.9	
16,183.0	90.22	181.28	10,345.6	-5,432.3	144.2	2.33	-2.05	-1.10	0.1	1.2	
16,277.0	86.97	180.49	10,347.9	-5,526.3	142.8	3.56	-3.46	-0.84	1.9	-0.8	
16,371.0	85.38	178.65	10,354.2	-5,620.1	143.5	2.58	-1.69	-1.96	7.7	-0.6	
16,465.0	87.58	178.65	10,360.0	-5,713.9	145.7	2.34	2.34	0.00	12.9	1.1	
16,560.0	88.29	178.82	10,363.4	-5,808.8	147.8	0.77	0.75	0.18	15.8	2.7	
16,654.0	91.36	180.23	10,363.7	-5,902.8	148.6	3.59	3.27	1.50	15.6	3.0	
16,749.0	92.15	180.49	10,360.8	-5,997.7	148.0	0.88	0.83	0.27	12.2	1.9	
16,843.0	92.86	181.28	10,356.7	-6,091.6	146.5	1.13	0.76	0.84	7.7	-0.1	
16,937.0	89.16	181.90	10,355.0	-6,185.5	143.9	3.99	-3.94	0.66	5.7	-3.2	
17,031.0	88.55	181.55	10,356.9	-6,279.5	141.1	0.75	-0.65	-0.37	7.2	-6.5	
17,126.0	88.55	180.67	10,359.3	-6,374.4	139.2	0.93	0.00	-0.93	9.2	-8.9	
17,220.0	86.26	179.17	10,363.5	-6,468.3	139.4	2.91	-2.44	-1.60	13.1	-9.2	
17,314.0	89.25	179.09	10,367.2	-6,562.2	140.8	3.18	3.18	-0.09	16.4	-8.3	
17,408.0	89.08	177.24	10,368.6	-6,656.2	143.8	1.98	-0.18	-1.97	17.4	-5.8	
17,502.0	89.69	176.62	10,369.6	-6,750.0	148.8	0.93	0.65	-0.66	18.0	-1.2	



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Jefe 29 Fed Com
Well: #505H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #505H
TVD Reference: KB = 26' @ 3381.0usft
MD Reference: KB = 26' @ 3381.0usft
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)	
17,597.0	91.54	176.71	10,368.6	-6,844.9	154.4	1.95	1.95	0.09	16.6	3.8	
17,691.0	90.84	176.36	10,366.6	-6,938.7	160.0	0.83	-0.74	-0.37	14.3	8.9	
Last MWD Survey (MD=17691.0')											
17,861.0	90.84	176.36	10,364.1	-7,108.3	170.8	0.00	0.00	0.00	11.2	18.8	
Projection to Bit (MD=17861.0')											

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,750.0	9,707.6	628.8	102.8	KOP, MD:9750.0', TVD:9707.6', N/S:628.8', E/W:102.8', INC:0.97	
9,969.2	9,922.6	593.0	105.3	FTP Crossing, MD:9969.2', TVD:9922.6', N/S:593.0', E/W:105.3', INC:19.41	
17,691.0	10,366.6	-6,938.7	160.0	Last MWD Survey (MD=17691.0')	
17,861.0	10,364.1	-7,108.3	170.8	Projection to Bit (MD=17861.0')	

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
 KAY MADDOX 01/04/2022



Lea County, NM (NAD 83 NME)

Jefe 29 Fed Com #505H

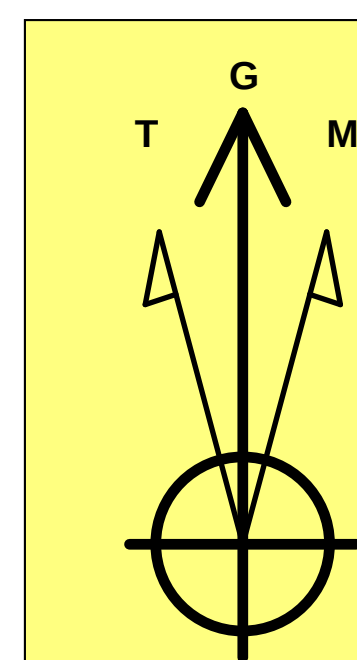
Plan #1

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: #505H

KB = 26' @ 3381.0usft
Northing 400496.00 Easting 738007.00 Latitude 32° 5' 58.022 N Longitude 103° 41' 53.557 W



Azimuths to Grid North
True North: -0.34°
Magnetic North: 6.24°

Magnetic Field
Strength: 47391.7nT
Dip Angle: 59.76°
Date: 8/11/2021
Model: IGRF2020

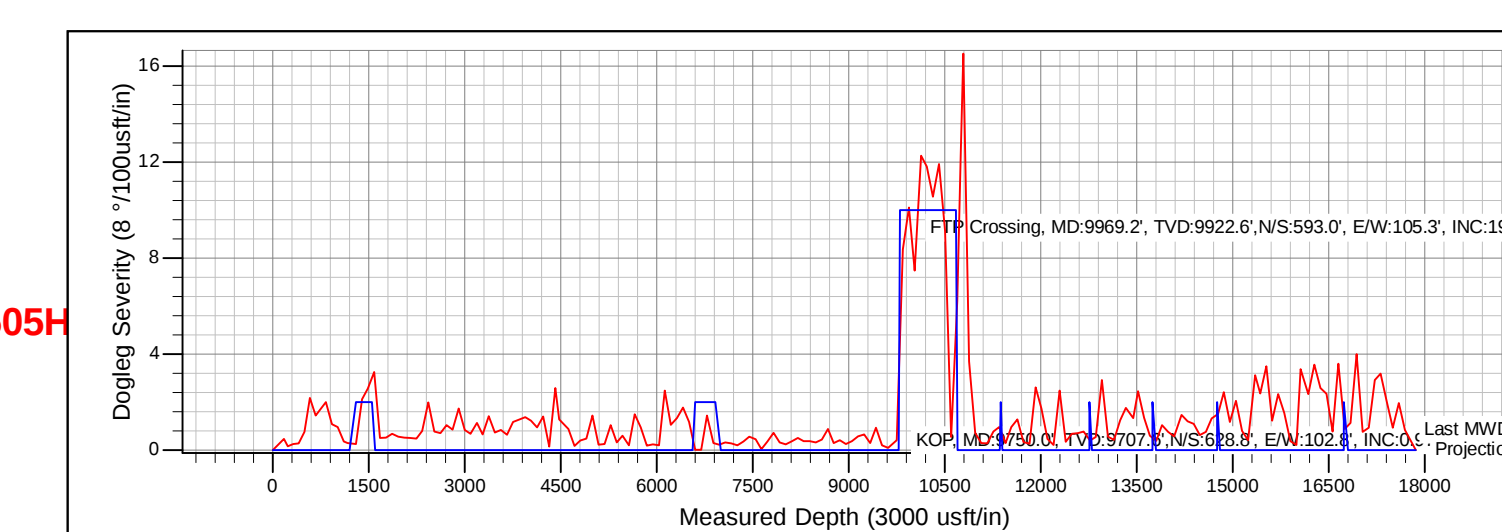
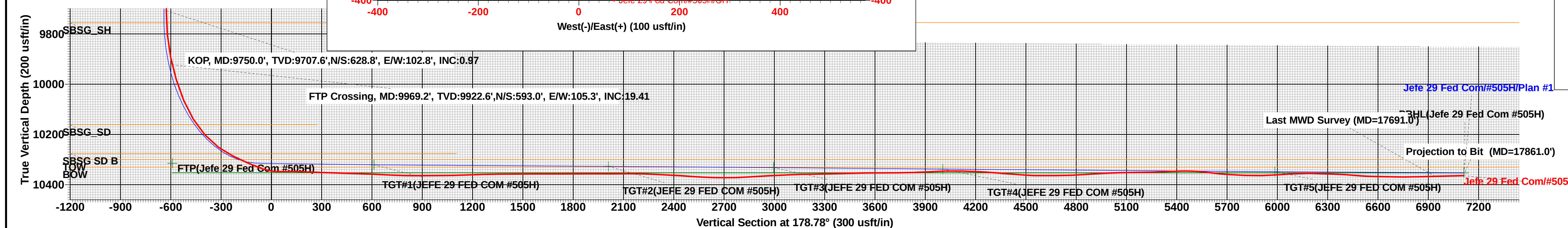
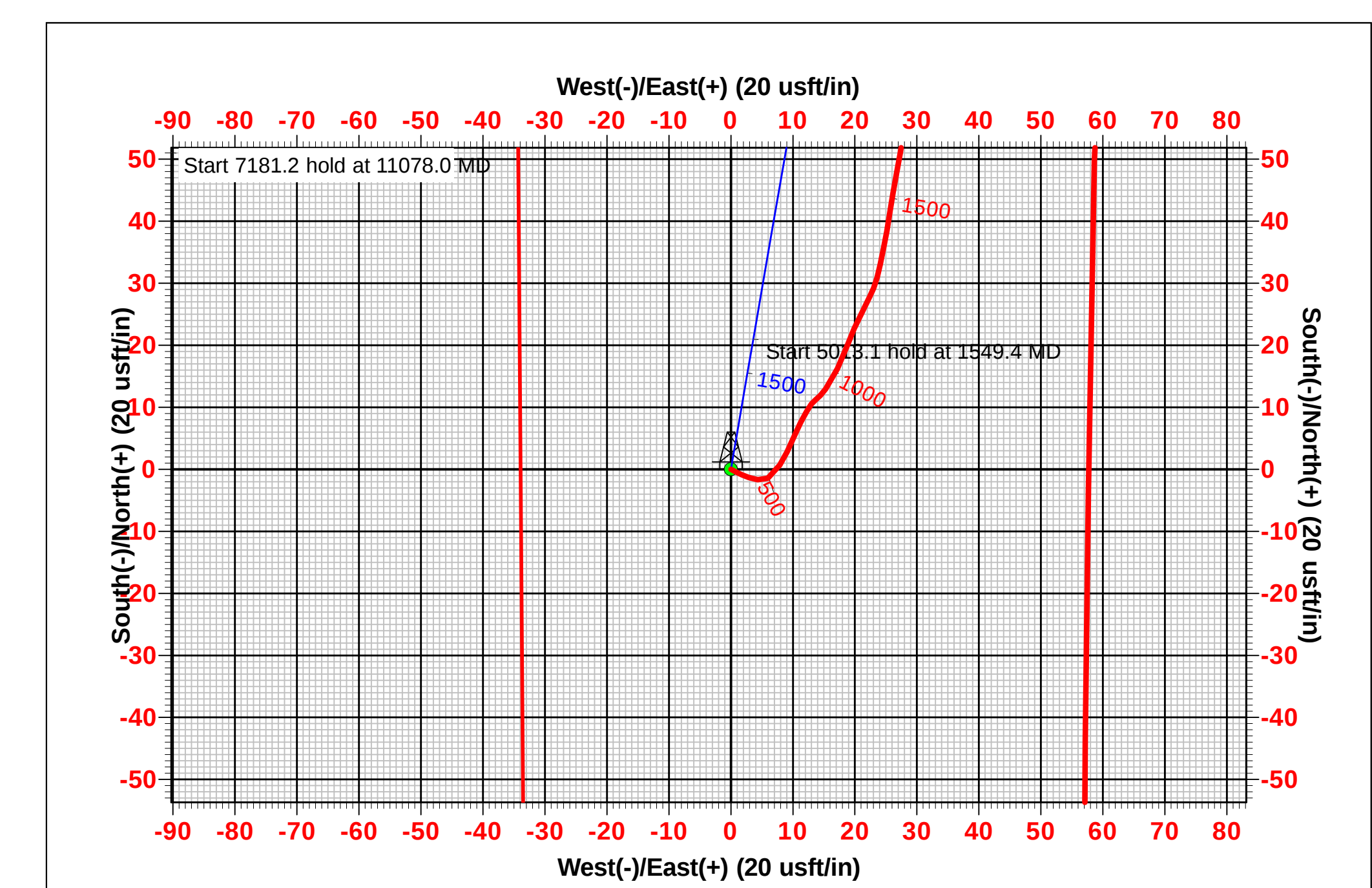
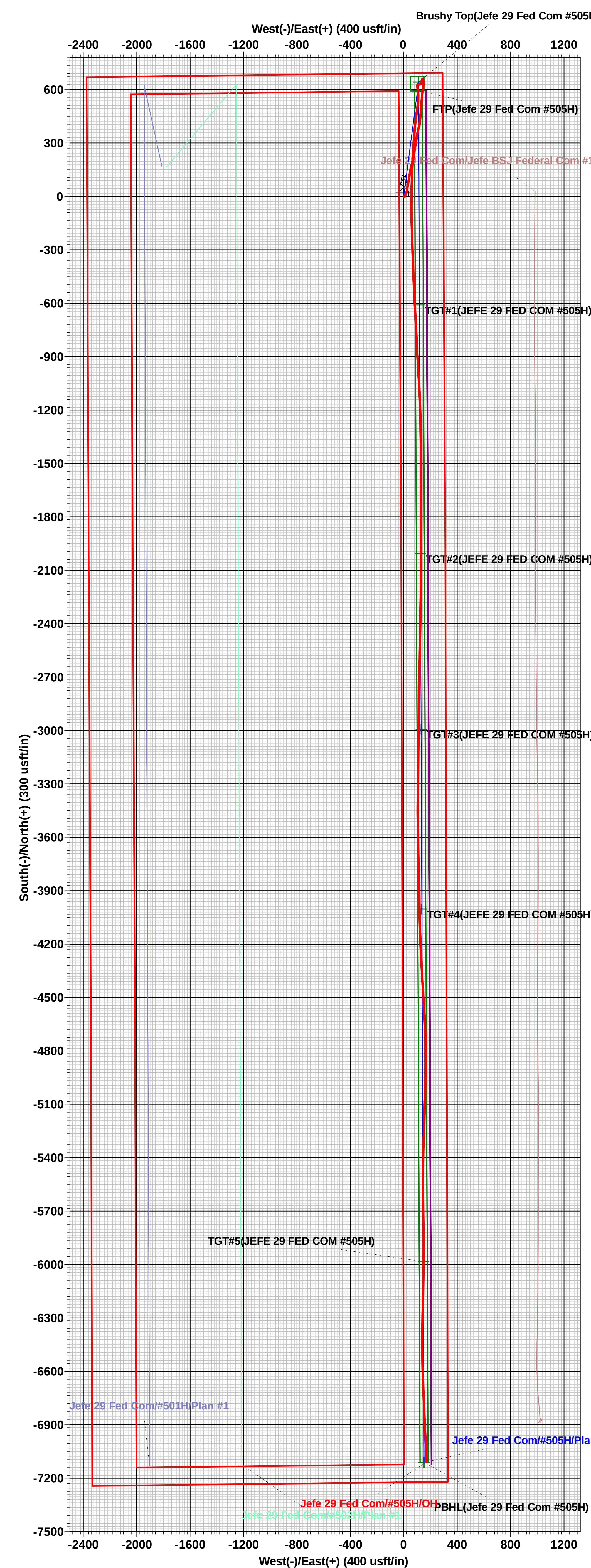
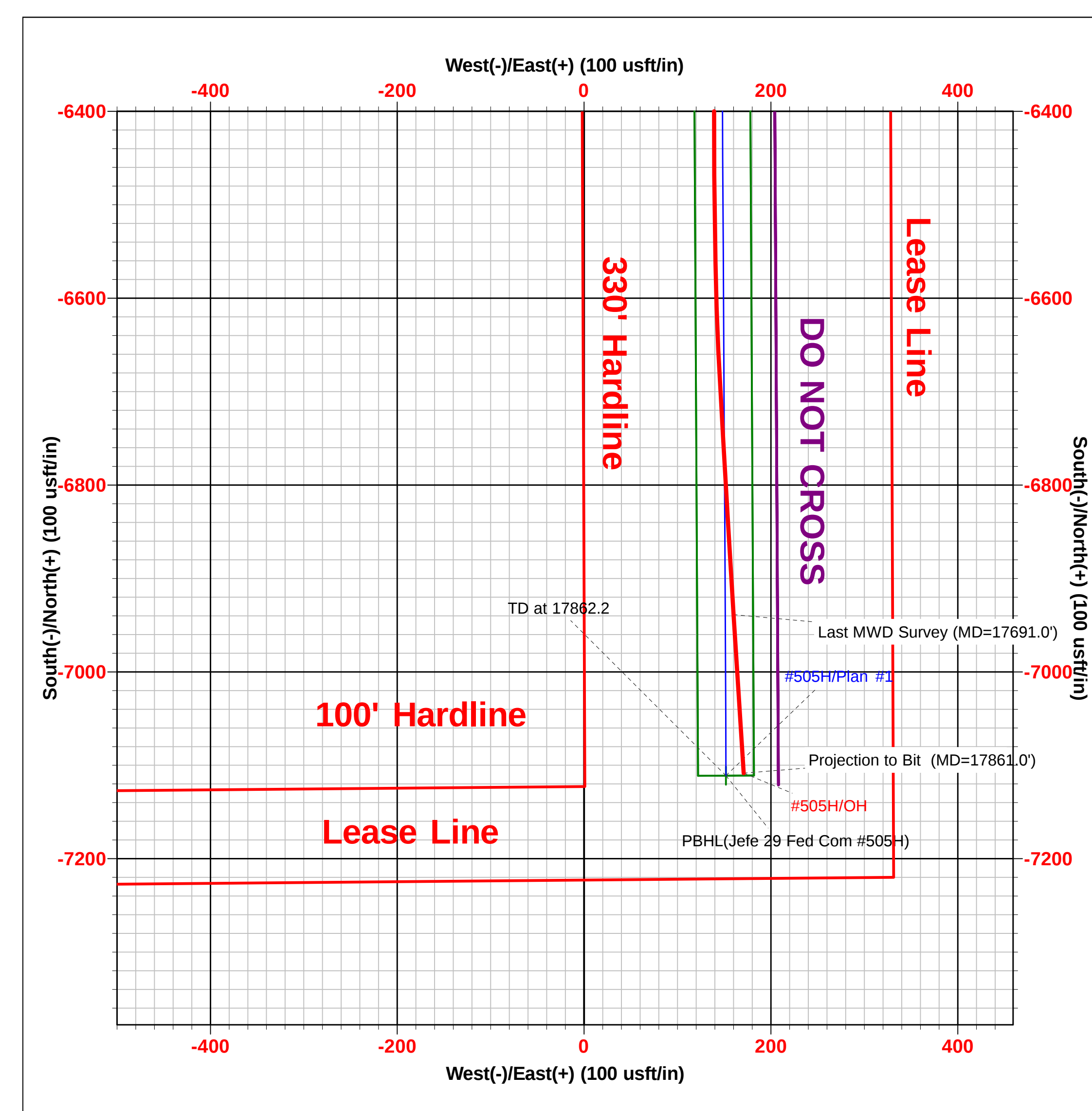
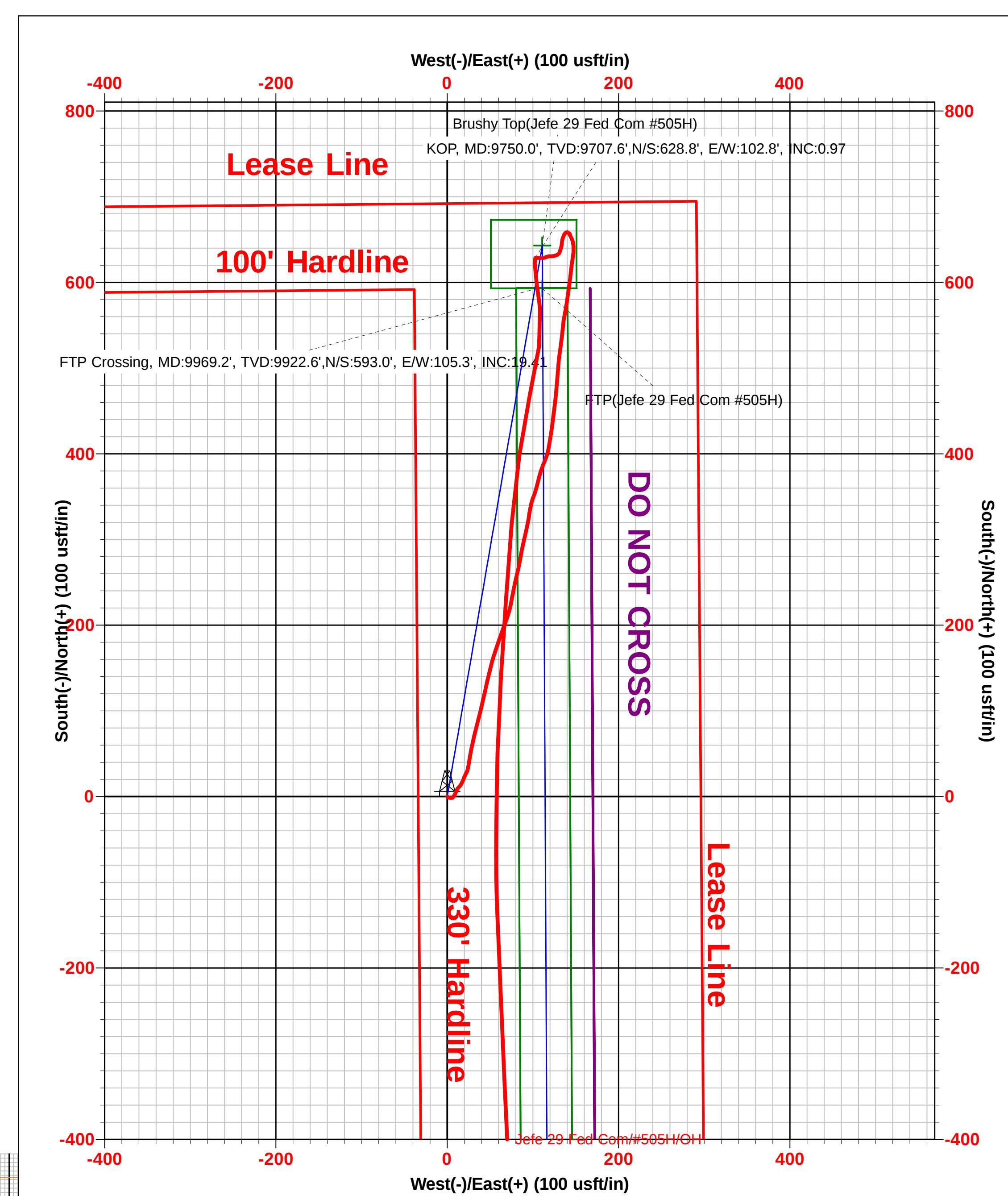
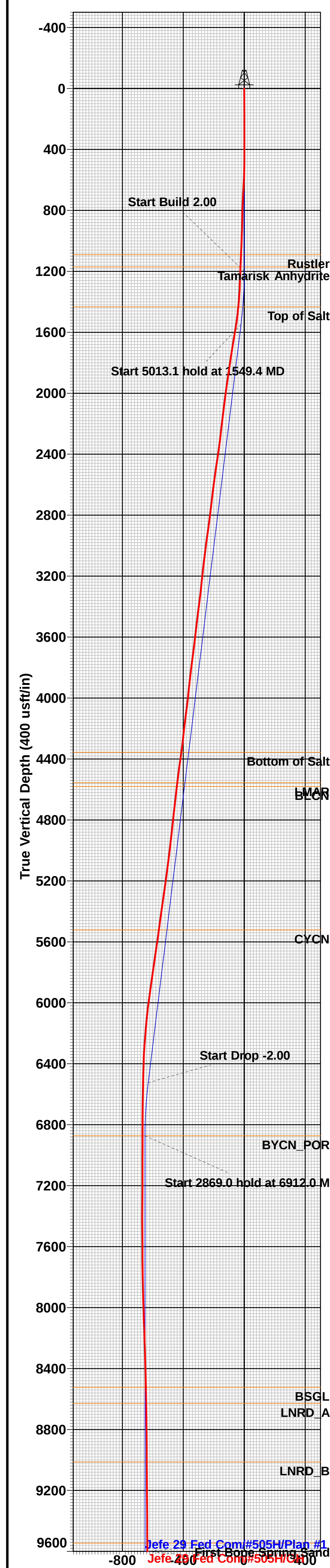
To convert a Magnetic Direction to a Grid Direction, Add 6.24°
To convert a Magnetic Direction to a True Direction, Add 6.58° East
To convert a True Direction to a Grid Direction, Subtract 0.34°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1549.4	6.99	9.79	1548.6	21.0	3.6	2.00	9.79	-20.9	
4	6562.6	6.99	9.79	6524.4	622.0	107.4	0.00	0.00	-619.6	
5	6912.0	0.00	0.00	6873.0	643.0	111.0	2.00	180.00	-640.5	Brushy Top(Jefe 29 Fed Com #505H)
6	9781.0	0.00	0.00	9742.0	643.0	111.0	0.00	0.00	-640.5	
7	10676.0	89.50	179.71	10314.9	75.1	113.9	10.00	179.71	-72.6	
8	11360.8	89.50	179.71	10320.9	-609.7	117.4	0.00	0.00	612.1	TGT#1(JEFE 29 FED COM #505H)
9	11372.8	89.74	179.70	10321.0	-621.7	117.5	2.00	-2.54	624.1	
10	12758.5	89.74	179.70	10327.3	-2007.4	124.8	0.00	0.00	2009.6	TGT#2(JEFE 29 FED COM #505H)
11	12759.4	89.72	179.69	10327.3	-2008.3	124.8	2.00	-165.46	2010.5	
12	13744.6	89.72	179.69	10332.1	-2993.5	130.1	0.00	0.00	2995.6	TGT#3(JEFE 29 FED COM #505H)
13	13746.6	89.68	179.70	10332.1	-2995.5	130.1	2.00	169.60	2997.6	
14	14754.1	89.68	179.70	10337.7	-4003.0	135.4	0.00	0.00	4005.0	TGT#4(JEFE 29 FED COM #505H)
15	14754.5	89.69	179.69	10337.7	-4003.4	135.4	2.00	-47.96	4005.4	
16	16734.2	89.69	179.69	10348.5	-5983.0	146.0	0.00	0.00	5984.8	TGT#5(JEFE 29 FED COM #505H)
17	16738.4	89.77	179.70	10348.5	-5987.2	146.0	2.00	1.34	5989.0	
18	17862.2	89.77	179.70	10353.0	-7111.0	152.0	0.00	0.00	7112.6	PBHL(Jefe 29 Fed Com #505H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Jefe 29 Fed Com #505H)	6873.0	643.0	111.0	401139.00	738118.00
FTP(Jefe 29 Fed Com #505H)	10315.0	593.0	111.0	401089.00	738118.00
TGT#1(JEFE 29 FED COM #505H)	10320.9	-609.7	117.4	399886.30	738124.40
TGT#2(JEFE 29 FED COM #505H)	10327.3	-2007.4	124.8	398488.60	738131.80
TGT#3(JEFE 29 FED COM #505H)	10332.1	-2993.5	130.1	397502.50	738137.10
TGT#4(JEFE 29 FED COM #505H)	10337.7	-4003.0	135.4	396493.00	738142.40
TGT#5(JEFE 29 FED COM #505H)	10348.5	-5983.0	146.0	394513.00	738153.00
PBHL(Jefe 29 Fed Com #505H)	10353.0	-7111.0	152.0	393385.00	738159.00



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit 1 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

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.)		WELL API NO. 30-025 - 48840
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator EOG RESOURCES INC		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name JEFE 29 FEDERAL COM
4. Well Location Unit Letter <u>K</u> : <u>1943</u> feet from the <u>SOUTH</u> line and <u>2371</u> feet from the <u>WEST</u> line Section <u>29</u> Township <u>25S</u> Range <u>32E</u> NMPM County <u>LEA</u>		8. Well Number 505H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3355' GR		9. OGRID Number 7377
		10. Pool name or Wildcat WC025 G08 S253235G; LOWER BONE SPRING

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:

07/09/2021

Rig Release Date:

08/13/2021

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 JEFE 29 FEDERAL COM		
								6. Well Number: 505H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EOG RESOURCES INC						9. OGRID 7377				
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702						11. Pool name or Wildcat WC025 G08 S253235G; LOWER BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	29	25S	32E		1943	SOUTH	2371	WEST	LEA
BH:	N	32	25S	32E		111	SOUTH	2504	WEST	LEA
13. Date Spudded 07/09/2021	14. Date T.D. Reached 08/13/2021		15. Date Rig Released 08/13/2021			16. Date Completed (Ready to Produce) 12/12/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3355' GL		
18. Total Measured Depth of Well MD 17,861' TVD 10,364'			19. Plug Back Measured Depth MD 17,838' TVD 10,364'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 10,411 - 17,838'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		1,221'		16"		640 CL C/CIRC		
9 5/8"		40# HCL 80		4,528'		12 1/4"		1160 CL C & H/CIRC		
5 1/2"		20# ECP 110		17,845'		8 1/2"		2170 CL H TOC 4430' 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) 10,411 - 17,838' 3 1/8", 1500 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,411 - 17,838'		FRAC W/18,359,113 lbs proppant, 295,658 bbls load fld		
28. PRODUCTION										
Date First Production 12/12/2021		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 12/19/2021	Hours Tested 24	Choke Size 128	Prod'n For Test Period	Oil - Bbl 1851	Gas - MCF 4231	Water - Bbl. 7052	Gas - Oil Ratio 2286			
Flow Tubing Press.	Casing Pressure 607	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, 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 01/05/2022	
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	1091'	T. Canyon	Brushy 6873'	T. Ojo Alamo	T. Penn A "
T. Salt		1433'	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt		4356'	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	9,546'	T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,161'	T. Wingate	
T. Penn			T.		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:

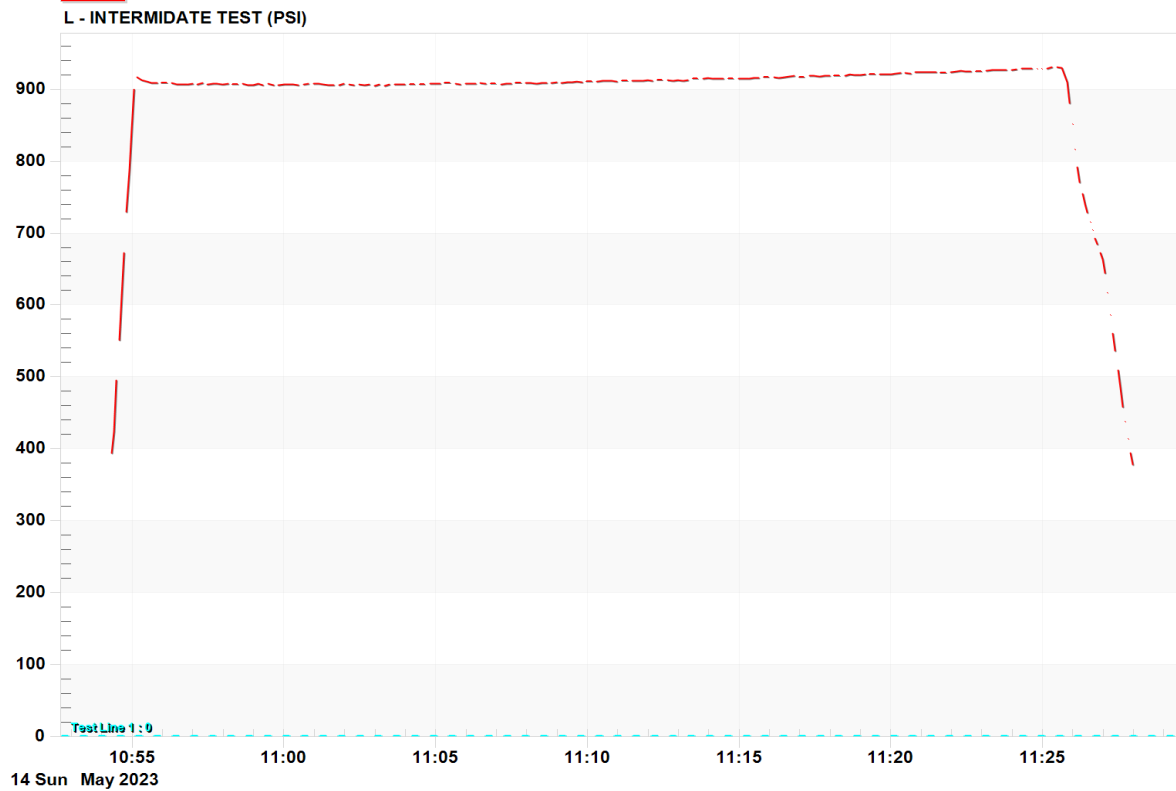
Email: Mark_pope@eogresour
ces.com

JOB DETAILS

DATE 5/14/2023 10:54:16AM
START TIME 5/14/2023 10:54:16AM
END TIME 5/14/2023 11:28:02AM
Ticket#:
Other:
Other:

Operator:
WELL: JEFE 29 FED COM 505H
Licence #:
Contractor:
AFE:

Comments:



10:54:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
10:54	13.737	395						
10:54	18.737	394						
10:54	23.736	424						
10:54	28.736	496						
10:54	33.737	551						
10:54	38.737	612						
10:54	43.736	672						
10:54	48.737	730						
10:54	53.737	787						
10:54	58.736	845						
10:55	3.736	900						
10:55	8.737	917						
10:55	13.737	914						
10:55	18.736	913						
10:55	23.737	911						
10:55	28.737	911						
10:55	33.736	909						
10:55	38.736	909						
10:55	43.737	909						
10:55	48.737	909						
10:55	53.736	909						
10:55	58.737	908						
10:56	3.737	909						
10:56	8.736	909						
10:56	13.736	908						
10:56	18.737	908						
10:56	23.737	907						
10:56	28.736	907						
10:56	33.737	908						
10:56	38.737	907						
10:56	43.736	908						
10:56	48.736	907						
10:56	53.737	908						
10:56	58.737	908						
10:57	3.736	909						
10:57	8.737	907						
10:57	13.737	908						
10:57	18.736	908						
10:57	23.736	907						
10:57	28.737	907						
10:57	33.737	907						
10:57	38.736	908						
10:57	43.737	907						
10:57	48.737	908						
10:57	53.736	908						
10:57	58.736	907						
10:58	3.737	906						
10:58	8.737	908						

10:58:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
10:58	13.736	908						
10:58	18.737	907						
10:58	23.737	906						
10:58	28.736	907						
10:58	33.736	907						
10:58	38.737	908						
10:58	43.737	907						
10:58	48.736	906						
10:58	53.737	908						
10:58	58.737	906						
10:59	3.736	906						
10:59	8.736	908						
10:59	13.737	906						
10:59	18.737	906						
10:59	23.736	906						
10:59	28.737	908						
10:59	33.737	906						
10:59	38.736	906						
10:59	43.736	906						
10:59	48.737	906						
10:59	53.737	906						
10:59	58.736	907						
11:00	3.737	906						
11:00	8.737	907						
11:00	13.736	907						
11:00	18.736	907						
11:00	23.737	907						
11:00	28.737	906						
11:00	33.736	907						
11:00	38.737	907						
11:00	43.737	906						
11:00	48.736	908						
11:00	53.736	907						
11:00	58.737	908						
11:01	3.737	908						
11:01	8.736	908						
11:01	13.737	906						
11:01	18.737	907						
11:01	23.736	909						
11:01	28.736	906						
11:01	33.737	906						
11:01	38.737	906						
11:01	43.736	906						
11:01	48.737	906						
11:01	53.737	906						
11:01	58.736	908						
11:02	3.736	906						
11:02	8.737	907						

11:02:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
11:02	13.737	907						
11:02	18.736	906						
11:02	23.737	908						
11:02	28.737	907						
11:02	33.736	906						
11:02	38.736	906						
11:02	43.737	906						
11:02	48.737	907						
11:02	53.736	906						
11:02	58.737	905						
11:03	3.737	905						
11:03	8.736	906						
11:03	13.736	906						
11:03	18.737	905						
11:03	23.737	907						
11:03	28.736	907						
11:03	33.737	907						
11:03	38.737	906						
11:03	43.736	907						
11:03	48.736	907						
11:03	53.737	907						
11:03	58.737	906						
11:04	3.736	907						
11:04	8.737	907						
11:04	13.737	907						
11:04	18.736	907						
11:04	23.736	906						
11:04	28.737	907						
11:04	33.737	906						
11:04	38.736	907						
11:04	43.737	908						
11:04	48.737	908						
11:04	53.736	907						
11:04	58.736	908						
11:05	3.737	908						
11:05	8.737	908						
11:05	13.736	907						
11:05	18.737	908						
11:05	23.737	908						
11:05	28.736	908						
11:05	33.736	908						
11:05	38.737	908						
11:05	43.737	908						
11:05	48.736	907						
11:05	53.737	908						
11:05	58.737	908						
11:06	3.736	907						
11:06	8.736	908						

11:06:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
11:06	13.737	908						
11:06	18.737	908						
11:06	23.736	908						
11:06	28.737	909						
11:06	33.737	907						
11:06	38.736	908						
11:06	43.736	908						
11:06	48.737	908						
11:06	53.737	907						
11:06	58.736	908						
11:07	3.737	908						
11:07	8.737	906						
11:07	13.736	909						
11:07	18.736	908						
11:07	23.737	909						
11:07	28.737	908						
11:07	33.736	908						
11:07	38.737	909						
11:07	43.737	908						
11:07	48.736	909						
11:07	53.736	908						
11:07	58.737	909						
11:08	3.737	909						
11:08	8.736	909						
11:08	13.737	909						
11:08	18.737	908						
11:08	23.736	909						
11:08	28.736	909						
11:08	33.737	910						
11:08	38.737	909						
11:08	43.736	910						
11:08	48.737	909						
11:08	53.737	910						
11:08	58.736	910						
11:09	3.736	909						
11:09	8.737	909						
11:09	13.738	908						
11:09	18.736	910						
11:09	23.737	910						
11:09	28.737	910						
11:09	33.736	910						
11:09	38.736	910						
11:09	43.737	909						
11:09	48.737	910						
11:09	53.736	910						
11:09	58.737	911						
11:10	3.737	911						
11:10	8.736	911						

11:10:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
11:10	13.736	912						
11:10	18.737	911						
11:10	23.737	911						
11:10	28.736	912						
11:10	33.737	911						
11:10	38.737	912						
11:10	43.736	912						
11:10	48.736	912						
11:10	53.737	911						
11:10	58.737	911						
11:11	3.736	912						
11:11	8.737	912						
11:11	13.737	913						
11:11	18.736	912						
11:11	23.736	912						
11:11	28.737	912						
11:11	33.737	913						
11:11	38.736	912						
11:11	43.737	910						
11:11	48.737	912						
11:11	53.736	911						
11:11	58.736	913						
11:12	3.737	912						
11:12	8.737	912						
11:12	13.736	912						
11:12	18.737	912						
11:12	23.737	912						
11:12	28.736	913						
11:12	33.736	912						
11:12	38.737	912						
11:12	43.737	911						
11:12	48.736	912						
11:12	53.737	913						
11:12	58.737	913						
11:13	3.736	914						
11:13	8.736	912						
11:13	13.737	912						
11:13	18.737	912						
11:13	23.736	914						
11:13	28.737	915						
11:13	33.737	914						
11:13	38.736	914						
11:13	43.736	915						
11:13	48.737	914						
11:13	53.737	914						
11:13	58.736	916						
11:14	3.737	914						
11:14	8.737	915						

11:14:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
11:14	13.736	916						
11:14	18.736	915						
11:14	23.737	914						
11:14	28.737	915						
11:14	33.736	915						
11:14	38.737	915						
11:14	43.737	915						
11:14	48.736	915						
11:14	53.736	916						
11:14	58.737	915						
11:15	3.737	914						
11:15	8.736	915						
11:15	13.737	916						
11:15	18.737	915						
11:15	23.736	916						
11:15	28.736	916						
11:15	33.737	916						
11:15	38.737	916						
11:15	43.736	916						
11:15	48.737	917						
11:15	53.737	918						
11:15	58.736	917						
11:16	3.736	917						
11:16	8.737	917						
11:16	13.737	917						
11:16	18.736	916						
11:16	23.737	916						
11:16	28.737	916						
11:16	33.736	917						
11:16	38.736	918						
11:16	43.737	918						
11:16	48.737	919						
11:16	53.736	917						
11:16	58.737	917						
11:17	3.737	917						
11:17	8.736	917						
11:17	13.736	919						
11:17	18.737	918						
11:17	23.737	918						
11:17	28.736	919						
11:17	33.737	918						
11:17	38.737	918						
11:17	43.736	919						
11:17	48.736	919						
11:17	53.737	918						
11:17	58.737	919						
11:18	3.736	918						
11:18	8.737	919						

11:18:13

Detailed Job Breakdown

May/14/2023

INTERMIDATE TEST (PSI)								
Time								
11:18	13.737	919						
11:18	18.736	919						
11:18	23.736	919						
11:18	28.737	919						
11:18	33.737	920						
11:18	38.736	920						
11:18	43.737	920						
11:18	48.737	920						
11:18	53.736	921						
11:18	58.736	920						
11:19	3.737	919						
11:19	8.737	920						
11:19	13.736	920						
11:19	18.737	921						
11:19	23.737	920						
11:19	28.736	921						
11:19	33.736	921						
11:19	38.737	921						
11:19	43.737	922						
11:19	48.736	921						
11:19	53.737	920						
11:19	58.737	921						
11:20	3.736	922						
11:20	8.736	922						
11:20	13.737	923						
11:20	18.737	923						
11:20	23.736	923						
11:20	28.737	923						
11:20	33.737	924						
11:20	38.736	922						
11:20	43.736	923						
11:20	48.737	924						
11:20	53.737	923						
11:20	58.736	924						
11:21	3.737	924						
11:21	8.737	924						
11:21	13.736	922						
11:21	18.736	924						
11:21	23.737	923						
11:21	28.737	924						
11:21	33.736	924						
11:21	38.737	923						
11:21	43.737	925						
11:21	48.736	923						
11:21	53.736	925						
11:21	58.737	924						
11:22	3.737	924						
11:22	8.736	925						

11:22:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
11:22	13.737	925						
11:22	18.737	926						
11:22	23.736	924						
11:22	28.736	925						
11:22	33.737	924						
11:22	38.737	924						
11:22	43.736	926						
11:22	48.737	924						
11:22	53.737	925						
11:22	58.736	925						
11:23	3.736	926						
11:23	8.737	926						
11:23	13.737	926						
11:23	18.736	926						
11:23	23.737	926						
11:23	28.737	927						
11:23	33.736	926						
11:23	38.736	927						
11:23	43.737	928						
11:23	48.737	927						
11:23	53.736	928						
11:23	58.737	927						
11:24	3.737	928						
11:24	8.736	928						
11:24	13.736	929						
11:24	18.737	929						
11:24	23.737	928						
11:24	28.736	928						
11:24	33.737	928						
11:24	38.737	928						
11:24	43.736	929						
11:24	48.736	929						
11:24	53.737	929						
11:24	58.737	929						
11:25	3.736	930						
11:25	8.737	929						
11:25	13.737	930						
11:25	18.736	930						
11:25	23.736	930						
11:25	28.737	931						
11:25	33.737	931						
11:25	38.736	930						
11:25	43.737	932						
11:25	48.737	910						
11:25	53.736	881						
11:25	58.736	851						
11:26	3.737	817						
11:26	8.737	792						

11:26:13

Detailed Job Breakdown

May/14/2023

INTERMEDIATE TEST (PSI)								
Time								
11:26	13.736	771						
11:26	18.737	755						
11:26	23.737	741						
11:26	28.736	729						
11:26	33.736	716						
11:26	38.737	705						
11:26	43.737	693						
11:26	48.736	685						
11:26	53.737	672						
11:26	58.737	663						
11:27	3.736	645						
11:27	8.736	617						
11:27	13.737	587						
11:27	18.737	561						
11:27	23.736	536						
11:27	28.737	509						
11:27	33.737	484						
11:27	38.736	459						
11:27	43.736	438						
11:27	48.737	414						
11:27	53.737	394						
11:27	58.736	378						

Well Name:	Jefe 29 Fed Com #505H
Property Number:	141615
API Number:	300254884000
Opening Intermediate PSI:	398 psi
Bled Intermediate PSI down to:	N/A
Fluid back to surface:	Yes / OBM
Bbls pumped to load casing:	N/A
Bbls pumped to reach 500 psi:	1.5 bbls
Bbls bled back after test:	1.25 bbls
Start	912 psi
30 min	930 psi
Bleed down, SICP:	400 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 219913

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 219913
	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.

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

CONDITIONS

Action 219913

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 219913
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	10/5/2023