

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702				² OGRID Number 7377		
				³ Reason for Filing Code/ Effective Date NW 05/25/2022		
⁴ API Number 30 - 025-47234		⁵ Pool Name TRISTE DRAW; BONE SPRING			⁶ Pool Code 96603	
⁷ Property Code 325486		⁸ Property Name MODELO 10 FEDERAL COM			⁹ Well Number 523H	

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	10	24S	32E		200'	NORTH	335'	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	15	24S	32E		2534'	NORTH	1095'	EAST	LEA
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
	FLOWING								

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 01/04/2022	²² Ready Date 05/25/2022	²³ TD 18,525	²⁴ PBTD 18,502	²⁵ Perforations 11,116 - 18,502'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
16"	13 3/8"	1277'	580 SXS CL C/CIRC		
12 1/4"	9 5/8"	4880'	1410 SXS CL C/CIRC		
8 3/4"	5 1/2"	18,510'	2737 SXS CL C/TOC 1930' CBL		

V. Well Test Data

³¹ Date New Oil 05/25/2022	³² Gas Delivery Date 05/25/2022	³³ Test Date 05/30/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1204
³⁷ Choke Size	³⁸ Oil 1229	³⁹ Water 4782	⁴⁰ Gas 1946		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox Printed name: Kay Maddox Title: SENIOR REGULATORY SPECIALIST E-mail Address: kay_maddox@eogresources.com Date: 06/07/2022	Phone: 432-638-8475	OIL CONSERVATION DIVISION
		Approved by:
		Title:
		Approval Date:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

**Submit one copy to appropriate
District Office**

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47234	² Pool Code 96603	³ Pool Name TRISTE DRAW; BONE SPRING
⁴ Property Code 325486	⁵ Property Name MODELO 10 FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 523H
		⁹ Elevation 3637'

¹⁰Surface Location

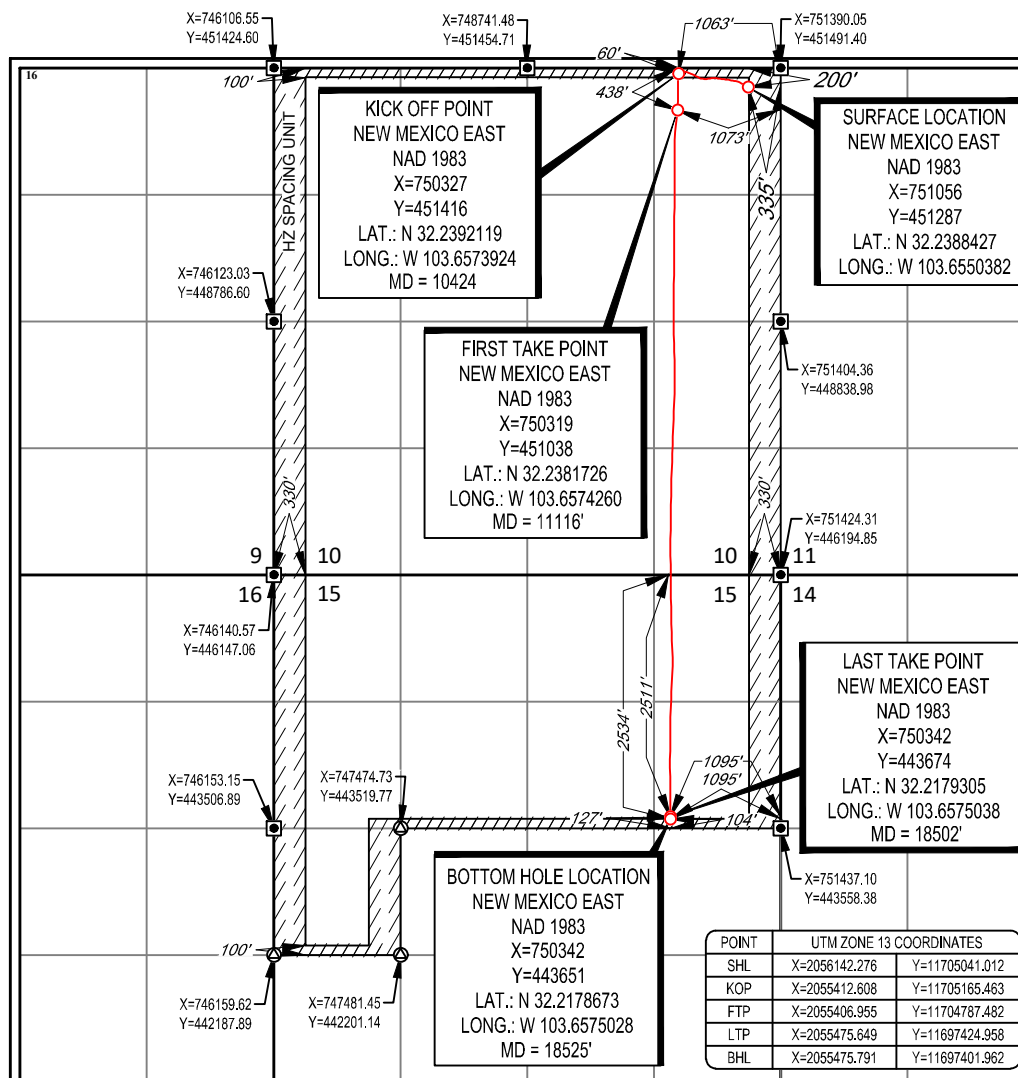
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	24-S	32-E	-	200'	NORTH	335'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	15	24-S	32-E	—	2534'	NORTH	1095'	EAST	LEA

¹² Dedicated Acres 1000.00	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.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kay Maddox 06/06/2022
Signature Date

KAY MADDOX
Printed Name

KAY_MADDOX@EOGRESOURCES.COM
E-mail Address

18 SURVEYOR CERTIFICATION

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

12/17/2021
Date of Survey
Signature and Seal of Professional Surveyor

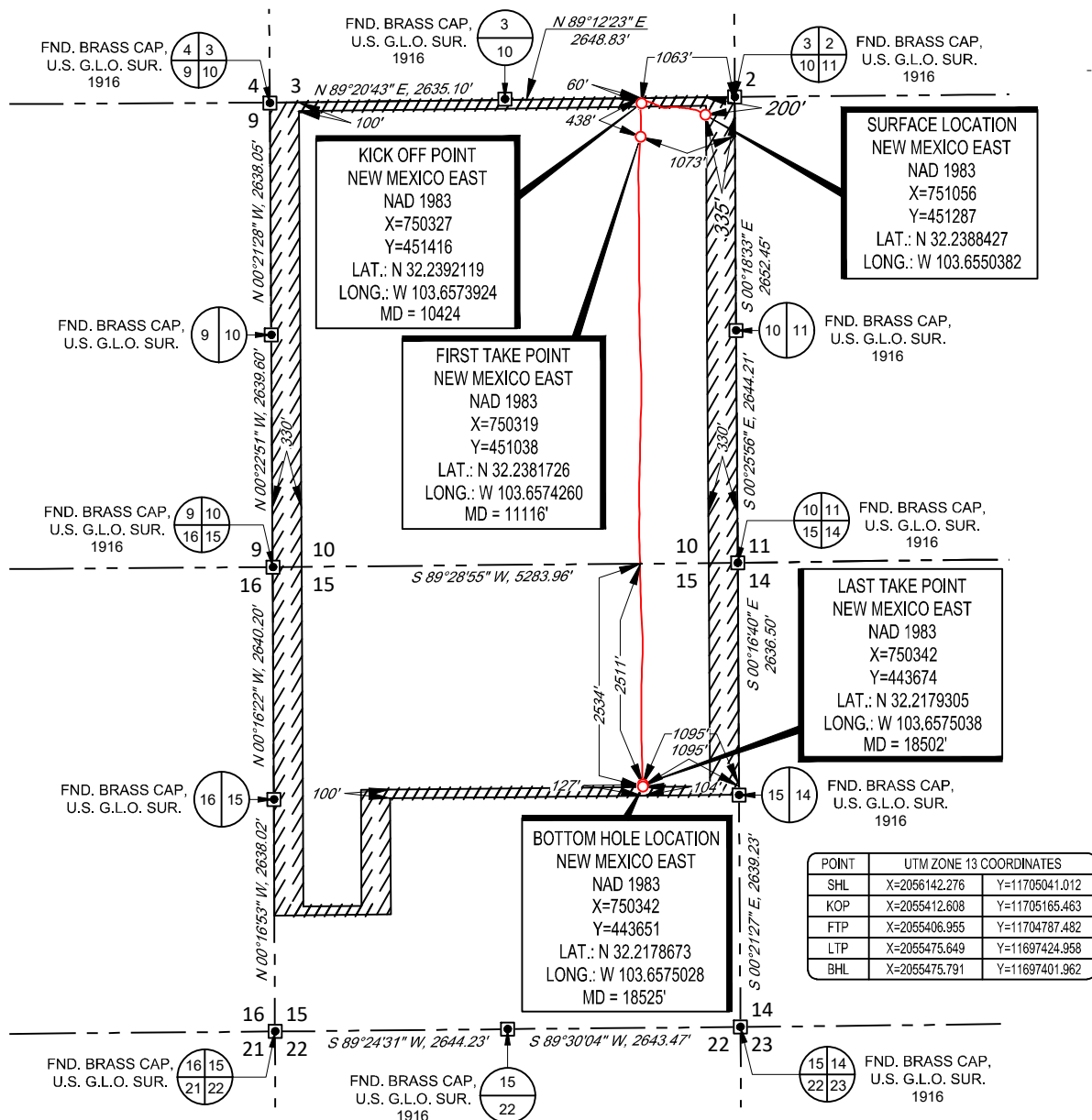
Date of Survey _____
Signature and Seal of Professional Surveyor _____

Certificate Number

SCALE: 1" = 2000'

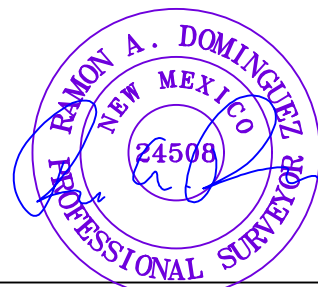
0' 1000' 2000'

SECTION 10, TOWNSHIP 24-S, RANGE 32-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: MODELO 10 FED COM 523H
 SECTION 10 TWP 24-S RGE 32-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3637'
 DESCRIPTION 200' FNL & 335' FEL

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



Ramon A. Dominguez, P.S. No. 24508
May 27, 2022

eog resources, inc.

MODELO 10 FED COM
523H
AS-DRILLED

DATE: 05/27/22

FILE:AD_MODELO_10_FED_COM_523H

DRAWN BY: MML

SHEET: 2 OF 2

REVISION:

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



Midland

Lea County, NM (NAD 83 NME)

Modelo 10 Fed Com

#523H

OH

Design: OH

Final PVA

05 March, 2022



Final PVA

Company: Midland Project: Lea County, NM (NAD 83 NME) Site: Modelo 10 Fed Com Well: #523H Wellbore: OH Design: OH	Local Co-ordinate Reference: Well #523H TVD Reference: KB = 32' @ 3669.0usft MD Reference: KB = 32' @ 3669.0usft 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	Modelo 10 Fed Com		
Site Position:		Northing:	451,286.00 usft
From:	Map	Easting:	750,991.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 14' 19.830 N
		Longitude:	103° 39' 18.896 W
		Grid Convergence:	0.36 °

Well	#523H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			usft
			Latitude:
			32° 14' 19.836 N
			Longitude:
			103° 39' 18.139 W
			Ground Level:
			3,637.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	2/18/2022	6.51
			Dip Angle (°)
			59.88
			Field Strength (nT)
			47,422.01923724

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 (°)
			185.38

Survey Program	Date	3/5/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
143.0	18,525.0	Grodon MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #523H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	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	
143.0	0.67	58.05	143.0	0.4	0.7	0.47	0.47	0.00	-0.8	0.0	
239.0	0.80	170.54	239.0	0.1	1.3	1.28	0.14	117.18	-0.1	1.3	
330.0	1.10	167.48	330.0	-1.4	1.6	0.33	0.33	-3.36	-1.7	1.2	
420.0	0.98	157.22	420.0	-3.0	2.1	0.25	-0.13	-11.40	-3.5	0.8	
511.0	1.01	172.80	511.0	-4.5	2.5	0.30	0.03	17.12	-4.7	1.9	
601.0	0.80	174.71	600.9	-5.9	2.6	0.24	-0.23	2.12	-6.1	2.1	
691.0	0.59	190.72	690.9	-7.0	2.6	0.32	-0.23	17.79	-6.4	3.9	
782.0	0.38	169.46	781.9	-7.7	2.6	0.30	-0.23	-23.36	-8.1	1.1	
874.0	0.55	171.23	873.9	-8.5	2.7	0.19	0.18	1.92	-8.8	1.4	
963.0	0.70	218.68	962.9	-9.3	2.4	0.59	0.17	53.31	-5.7	7.7	
1,051.0	0.30	209.28	1,050.9	-9.9	2.0	0.46	-0.45	-10.68	-7.7	6.6	
1,139.0	0.51	216.13	1,138.9	-10.4	1.6	0.24	0.24	7.78	-7.5	7.5	
1,224.0	0.54	167.03	1,223.9	-11.1	1.5	0.51	0.04	-57.76	-11.2	-1.0	
1,316.0	0.80	161.66	1,315.9	-12.2	1.8	0.29	0.28	-5.84	-12.1	-2.1	
1,404.0	0.55	44.76	1,403.9	-12.4	2.3	1.32	-0.28	-132.84	7.0	-10.8	
1,491.0	1.76	320.47	1,490.9	-11.1	1.7	2.06	1.39	-96.89	12.6	3.8	
1,579.0	3.76	311.94	1,578.8	-8.2	-1.3	2.31	2.27	-9.69	12.8	3.1	
1,666.0	5.42	308.71	1,665.5	-3.7	-6.6	1.93	1.91	-3.71	13.3	0.6	
1,754.0	7.02	303.96	1,753.0	1.9	-14.3	1.91	1.82	-5.40	14.2	-1.8	
1,842.0	8.57	305.31	1,840.2	8.7	-24.1	1.77	1.76	1.53	14.3	-6.0	
1,930.0	9.46	302.97	1,927.1	16.4	-35.5	1.09	1.01	-2.66	13.1	-9.2	
2,019.0	10.22	302.00	2,014.8	24.6	-48.4	0.87	0.85	-1.09	10.5	-12.5	
2,106.0	9.72	297.15	2,100.5	32.1	-61.5	1.12	-0.57	-5.57	8.9	-14.7	
2,193.0	9.52	295.49	2,186.2	38.5	-74.5	0.39	-0.23	-1.91	7.0	-18.0	
2,282.0	9.53	296.62	2,274.0	45.0	-87.7	0.21	0.01	1.27	4.3	-21.8	
2,370.0	9.61	289.94	2,360.8	50.7	-101.1	1.26	0.09	-7.59	4.8	-24.3	



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #523H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	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)	
2,458.0	10.76	284.72	2,447.4	55.3	-116.0	1.67	1.31	-5.93	4.1	-25.6	
2,546.0	10.69	282.06	2,533.9	59.1	-131.9	0.57	-0.08	-3.02	1.7	-26.3	
2,635.0	10.66	279.07	2,621.3	62.1	-148.1	0.62	-0.03	-3.36	-0.5	-26.5	
2,723.0	10.45	280.42	2,707.8	64.9	-164.0	0.37	-0.24	1.53	-4.5	-26.4	
2,811.0	10.36	281.02	2,794.4	67.8	-179.6	0.16	-0.10	0.68	-7.9	-26.6	
2,899.0	10.17	282.26	2,881.0	71.0	-195.0	0.33	-0.22	1.41	-11.3	-26.9	
2,988.0	9.76	276.60	2,968.6	73.5	-210.1	1.19	-0.46	-6.36	-11.1	-27.9	
3,076.0	9.63	273.69	3,055.4	74.9	-224.9	0.58	-0.15	-3.31	-11.8	-27.5	
3,164.0	9.15	275.73	3,142.2	76.0	-239.2	0.66	-0.55	2.32	-14.3	-25.9	
3,252.0	8.74	278.39	3,229.1	77.7	-252.8	0.66	-0.47	3.02	-16.4	-24.7	
3,340.0	8.71	278.20	3,316.1	79.6	-266.0	0.05	-0.03	-0.22	-16.8	-24.4	
3,428.0	8.62	277.64	3,403.1	81.5	-279.1	0.14	-0.10	-0.64	-17.0	-24.2	
3,517.0	8.62	276.36	3,491.1	83.1	-292.4	0.22	0.00	-1.44	-16.9	-24.0	
3,606.0	8.59	276.24	3,579.1	84.5	-305.6	0.04	-0.03	-0.13	-17.2	-23.3	
3,693.0	8.53	274.84	3,665.1	85.8	-318.5	0.25	-0.07	-1.61	-17.0	-22.8	
3,782.0	8.33	273.65	3,753.2	86.8	-331.5	0.30	-0.22	-1.34	-16.7	-21.9	
3,870.0	8.10	272.65	3,840.3	87.5	-344.0	0.31	-0.26	-1.14	-16.1	-20.7	
3,958.0	7.89	272.03	3,927.4	88.0	-356.3	0.26	-0.24	-0.70	-15.4	-19.3	
4,045.0	7.54	270.60	4,013.6	88.2	-368.0	0.46	-0.40	-1.64	-14.1	-17.8	
4,133.0	6.89	273.25	4,100.9	88.6	-379.0	0.83	-0.74	3.01	-13.2	-15.5	
4,221.0	6.83	259.27	4,188.3	87.9	-389.4	1.89	-0.07	-15.89	-7.4	-15.0	
4,309.0	7.49	253.01	4,275.6	85.3	-400.0	1.16	0.75	-7.11	-5.2	-10.5	
4,396.0	7.73	256.86	4,361.9	82.3	-411.2	0.65	0.28	4.43	-5.7	-4.8	
4,484.0	8.50	263.29	4,449.0	80.2	-423.4	1.35	0.87	7.31	-6.3	0.1	
4,573.0	8.24	263.37	4,537.0	78.7	-436.2	0.29	-0.29	0.09	-6.8	3.7	
4,661.0	7.82	266.88	4,624.2	77.6	-448.5	0.73	-0.48	3.99	-6.3	7.3	
4,750.0	8.67	277.43	4,712.2	78.1	-461.2	1.95	0.96	11.85	-4.6	10.0	



Final PVA

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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	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)
4,827.0	8.40	276.67	4,788.4	79.6	-472.5	0.38	-0.35	-0.99	-4.9	10.4
4,912.0	8.48	275.71	4,872.5	80.9	-484.9	0.19	0.09	-1.13	-5.2	11.1
5,001.0	8.19	287.82	4,960.5	83.5	-497.5	2.00	-0.33	13.61	-2.7	11.4
5,089.0	9.22	297.28	5,047.5	88.6	-509.7	2.00	1.17	10.75	-1.8	8.9
5,179.0	9.03	297.18	5,136.4	95.2	-522.4	0.21	-0.21	-0.11	-3.6	4.9
5,268.0	9.14	296.33	5,224.3	101.5	-535.0	0.19	0.12	-0.96	-5.3	1.0
5,357.0	9.22	295.86	5,312.1	107.7	-547.7	0.12	0.09	-0.53	-7.1	-2.7
5,444.0	9.27	295.08	5,398.0	113.8	-560.3	0.16	0.06	-0.90	-8.8	-6.3
5,533.0	9.25	293.66	5,485.8	119.7	-573.4	0.26	-0.02	-1.60	-10.4	-9.8
5,621.0	9.39	293.09	5,572.7	125.3	-586.5	0.19	0.16	-0.65	-12.1	-13.0
5,708.0	9.01	293.03	5,658.6	130.8	-599.3	0.44	-0.44	-0.07	-13.7	-15.9
5,797.0	8.43	291.76	5,746.5	135.9	-611.7	0.69	-0.65	-1.43	-14.2	-19.1
5,885.0	8.12	289.76	5,833.6	140.4	-623.6	0.48	-0.35	-2.27	-13.5	-22.0
5,973.0	8.55	287.58	5,920.7	144.5	-635.7	0.61	0.49	-2.48	-12.8	-24.5
6,062.0	8.07	286.49	6,008.8	148.2	-648.0	0.57	-0.54	-1.22	-12.3	-26.5
6,151.0	6.60	283.19	6,097.0	151.2	-658.9	1.72	-1.65	-3.71	-9.1	-28.3
6,238.0	6.48	279.16	6,183.5	153.1	-668.6	0.55	-0.14	-4.63	-4.4	-29.1
6,326.0	6.71	279.46	6,270.9	154.7	-678.6	0.26	0.26	0.34	-1.8	-29.0
6,414.0	4.27	276.91	6,358.5	156.0	-686.9	2.79	-2.77	-2.90	3.9	-28.7
6,502.0	2.51	261.08	6,446.3	156.1	-692.1	2.25	-2.00	-17.99	18.7	-23.3
6,590.0	2.42	263.59	6,534.2	155.6	-695.8	0.16	-0.10	2.85	26.2	-20.6
6,678.0	0.48	120.92	6,622.2	155.2	-697.4	3.20	-2.20	-162.12	-19.1	35.8
6,766.0	1.08	108.51	6,710.2	154.7	-696.3	0.70	0.68	-14.10	-39.4	32.7
6,854.0	1.11	118.54	6,798.2	154.1	-694.7	0.22	0.03	11.40	-43.8	42.2
6,942.0	1.03	114.07	6,886.2	153.3	-693.3	0.13	-0.09	-5.08	-55.1	40.2
7,120.0	0.84	135.25	7,064.1	151.7	-690.9	0.22	-0.11	11.90	-43.8	60.9
7,209.0	0.52	164.45	7,153.1	150.9	-690.3	0.52	-0.36	32.81	-9.5	74.9



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Modelo 10 Fed Com
Well: #523H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #523H
TVD Reference: KB = 32' @ 3669.0usft
MD Reference: KB = 32' @ 3669.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,298.0	0.28	147.07	7,242.1	150.3	-690.1	0.30	-0.27	-19.53	-32.1	68.5
7,387.0	0.28	171.41	7,331.1	149.9	-689.9	0.13	0.00	27.35	-1.4	75.7
7,475.0	0.56	126.89	7,419.1	149.5	-689.6	0.47	0.32	-50.59	-54.7	52.8
7,563.0	0.72	148.09	7,507.1	148.7	-688.9	0.32	0.18	24.09	-32.8	69.2
7,651.0	0.54	138.45	7,595.1	147.9	-688.4	0.24	-0.20	-10.95	-44.9	62.6
7,738.0	0.84	129.34	7,682.1	147.2	-687.6	0.37	0.34	-10.47	-55.3	54.7
7,827.0	0.75	147.01	7,771.1	146.3	-686.8	0.29	-0.10	19.85	-37.3	69.1
7,915.0	0.58	124.51	7,859.1	145.6	-686.1	0.35	-0.19	-25.57	-61.8	49.3
8,002.0	0.78	126.08	7,946.1	145.0	-685.3	0.23	0.23	1.80	-61.5	51.0
8,091.0	0.71	151.21	8,035.1	144.2	-684.5	0.37	-0.08	28.24	-35.1	72.6
8,179.0	0.80	154.15	8,123.1	143.1	-684.0	0.11	0.10	3.34	-32.5	74.3
8,268.0	1.02	156.44	8,212.1	141.8	-683.4	0.25	0.25	2.57	-30.9	75.6
8,356.0	0.90	162.80	8,300.1	140.5	-682.9	0.18	-0.14	7.23	-23.8	78.6
8,444.0	1.00	178.05	8,388.0	139.0	-682.6	0.31	0.11	17.33	-3.8	82.3
8,531.0	1.13	181.18	8,475.0	137.4	-682.6	0.16	0.15	3.60	-0.9	82.4
8,618.0	1.17	178.81	8,562.0	135.7	-682.6	0.07	0.05	-2.72	-6.0	82.3
8,706.0	1.30	177.55	8,650.0	133.8	-682.6	0.15	0.15	-1.43	-9.7	82.1
8,793.0	1.21	176.15	8,737.0	131.9	-682.5	0.11	-0.10	-1.61	-13.6	81.8
8,881.0	2.29	255.82	8,824.9	130.5	-684.1	2.72	1.23	90.53	76.1	29.0
8,969.0	2.41	261.67	8,912.9	129.8	-687.6	0.30	0.14	6.65	75.1	21.3
9,058.0	2.41	264.72	9,001.8	129.4	-691.4	0.14	0.00	3.43	72.4	17.4
9,146.0	2.12	262.63	9,089.7	129.0	-694.8	0.34	-0.33	-2.37	68.2	19.9
9,235.0	1.62	273.46	9,178.7	128.9	-697.7	0.69	-0.56	12.17	67.9	7.1
9,324.0	1.62	261.92	9,267.6	128.8	-700.2	0.37	0.00	-12.97	62.6	20.2
9,412.0	1.41	255.45	9,355.6	128.3	-702.5	0.31	-0.24	-7.35	57.6	27.0
9,500.0	1.31	275.29	9,443.6	128.1	-704.5	0.54	-0.11	22.55	61.3	6.2
9,589.0	1.62	287.05	9,532.5	128.6	-706.7	0.48	0.35	13.21	59.0	-6.2

Company:	Midland	Local Co-ordinate Reference:	Well #523H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	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)
9,678.0	2.43	288.95	9,621.5	129.6	-709.7	0.91	0.91	2.13	55.7	-8.1
9,767.0	2.54	283.36	9,710.4	130.6	-713.4	0.30	0.12	-6.28	52.3	-2.8
9,855.0	1.84	275.34	9,798.3	131.2	-716.7	0.87	-0.80	-9.11	48.9	4.2
9,943.0	1.01	255.04	9,886.3	131.2	-718.9	1.09	-0.94	-23.07	42.3	20.4
10,032.0	1.14	266.16	9,975.3	130.9	-720.5	0.28	0.15	12.49	43.8	12.1
10,099.0	1.17	262.57	10,042.3	130.8	-721.9	0.12	0.04	-5.36	41.6	14.7
10,188.0	0.95	260.56	10,131.3	130.5	-723.5	0.25	-0.25	-2.26	39.4	16.1
10,276.0	1.20	269.42	10,219.3	130.4	-725.1	0.34	0.28	10.07	39.8	10.0
10,365.0	1.49	255.36	10,308.2	130.1	-727.2	0.49	0.33	-15.80	34.1	19.1
10,424.0	1.57	256.75	10,367.2	129.7	-728.7	0.15	0.13	2.36	32.9	18.3
KOP, MD:10424.0', TVD:10367.2', N/S:129.7', E/W:-728.7', INC:1.57										
10,454.0	1.61	257.41	10,397.2	129.5	-729.5	0.15	0.14	2.19	32.3	17.9
10,542.0	13.42	195.21	10,484.3	119.4	-733.4	14.49	13.42	-70.68	-9.4	35.2
10,630.0	27.47	181.20	10,566.6	89.1	-736.6	16.80	15.97	-15.92	-33.3	29.4
10,636.1	28.14	180.84	10,572.0	86.2	-736.6	11.36	11.03	-5.84	-34.9	29.2
FTP Crossing, MD:10636.1', TVD:10572.0', N/S:86.2', E/W:-736.6', INC:28.14										
10,718.0	37.24	177.21	10,640.9	42.0	-735.7	11.36	11.11	-4.44	-55.6	27.2
10,807.0	43.55	179.68	10,708.6	-15.6	-734.2	7.31	7.09	2.78	-73.0	30.3
10,895.0	43.77	178.13	10,772.3	-76.3	-733.0	1.24	0.25	-1.76	-81.8	29.1
10,984.0	47.84	180.50	10,834.3	-140.1	-732.3	4.95	4.57	2.66	-76.3	31.9
11,007.0	51.16	180.99	10,849.3	-157.6	-732.6	14.53	14.43	2.13	-73.9	31.8
11,095.0	58.37	183.42	10,900.0	-229.3	-735.4	8.50	8.19	2.76	-63.1	29.5
11,183.0	65.19	184.76	10,941.6	-306.6	-740.9	7.87	7.75	1.52	-48.8	23.0
11,271.0	72.17	185.86	10,973.6	-388.2	-748.5	8.02	7.93	1.25	-30.7	14.1
11,360.0	79.30	182.95	10,995.5	-474.1	-755.1	8.61	8.01	-3.27	-11.0	6.5
11,448.0	84.76	183.04	11,007.7	-561.1	-759.7	6.21	6.20	0.10	1.0	1.3
11,536.0	89.48	179.92	11,012.1	-649.0	-761.9	6.43	5.36	-3.55	5.3	-1.5



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #523H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	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)
11,624.0	91.70	178.54	11,011.2	-736.9	-760.8	2.97	2.52	-1.57	4.3	-0.8
11,713.0	92.48	178.46	11,008.0	-825.9	-758.4	0.88	0.88	-0.09	0.9	1.0
11,801.0	90.58	179.56	11,005.6	-913.8	-756.9	2.49	-2.16	1.25	-1.6	2.0
11,888.0	90.29	179.79	11,005.0	-1,000.8	-756.4	0.43	-0.33	0.26	-2.4	2.0
11,977.0	90.86	179.63	11,004.1	-1,089.8	-756.0	0.67	0.64	-0.18	-3.5	2.0
12,064.0	91.30	179.29	11,002.4	-1,176.8	-755.2	0.64	0.51	-0.39	-5.2	2.3
12,152.0	89.06	179.56	11,002.1	-1,264.8	-754.3	2.56	-2.55	0.31	-5.7	2.7
12,241.0	89.20	179.57	11,003.5	-1,353.8	-753.6	0.16	0.16	0.01	-4.5	2.8
12,330.0	89.48	179.32	11,004.5	-1,442.7	-752.7	0.42	0.31	-0.28	-3.7	3.2
12,419.0	90.15	179.15	11,004.8	-1,531.7	-751.5	0.78	0.75	-0.19	-3.7	3.8
12,506.0	88.98	180.32	11,005.5	-1,618.7	-751.1	1.90	-1.34	1.34	-3.3	3.7
12,594.0	89.17	180.33	11,006.9	-1,706.7	-751.6	0.22	0.22	0.01	-2.1	2.7
12,682.0	89.68	179.59	11,007.8	-1,794.7	-751.6	1.02	0.58	-0.84	-1.5	2.2
12,770.0	90.18	179.31	11,007.9	-1,882.7	-750.7	0.65	0.57	-0.32	-1.7	2.6
12,859.0	91.33	179.62	11,006.7	-1,971.7	-749.9	1.34	1.29	0.35	-3.1	2.9
12,948.0	89.96	180.45	11,005.7	-2,060.7	-750.0	1.80	-1.54	0.93	-4.4	2.3
13,036.0	90.57	180.21	11,005.3	-2,148.7	-750.5	0.74	0.69	-0.27	-5.0	1.2
13,124.0	91.08	179.83	11,004.0	-2,236.7	-750.5	0.72	0.58	-0.43	-6.6	0.7
13,212.0	90.77	179.12	11,002.6	-2,324.7	-749.7	0.88	-0.35	-0.81	-8.3	1.0
13,298.0	88.33	178.90	11,003.3	-2,410.6	-748.2	2.85	-2.84	-0.26	-7.9	1.9
13,387.0	88.42	178.45	11,005.8	-2,499.6	-746.1	0.52	0.10	-0.51	-5.6	3.5
13,475.0	89.20	178.10	11,007.6	-2,587.5	-743.5	0.97	0.89	-0.40	-4.0	5.6
13,562.0	90.15	177.98	11,008.1	-2,674.5	-740.5	1.10	1.09	-0.14	-3.8	8.1
13,652.0	90.63	177.60	11,007.5	-2,764.4	-737.1	0.68	0.53	-0.42	-4.7	11.0
13,740.0	91.11	177.08	11,006.2	-2,852.3	-733.0	0.80	0.55	-0.59	-6.3	14.6
13,829.0	89.99	178.98	11,005.3	-2,941.2	-729.9	2.48	-1.26	2.13	-7.4	17.1
13,917.0	90.15	178.21	11,005.2	-3,029.2	-727.8	0.89	0.18	-0.87	-7.8	18.7



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #523H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,006.0	88.64	179.82	11,006.2	-3,118.2	-726.2	2.48	-1.70	1.81	-7.1	19.7
14,095.0	89.23	181.51	11,007.8	-3,207.1	-727.3	2.01	0.66	1.90	-5.7	18.2
14,184.0	90.07	181.93	11,008.4	-3,296.1	-729.9	1.06	0.94	0.47	-5.5	14.9
14,273.0	90.88	181.91	11,007.6	-3,385.1	-732.9	0.91	0.91	-0.02	-6.5	11.4
14,360.0	91.86	181.86	11,005.5	-3,472.0	-735.8	1.13	1.13	-0.06	-8.8	8.1
14,449.0	88.58	181.50	11,005.2	-3,560.9	-738.4	3.71	-3.69	-0.40	-9.4	4.9
14,536.0	88.45	180.99	11,007.5	-3,647.9	-740.3	0.60	-0.15	-0.59	-7.5	2.5
14,626.0	89.40	180.91	11,009.1	-3,737.8	-741.8	1.06	1.06	-0.09	-6.0	0.5
14,714.0	88.75	180.84	11,010.6	-3,825.8	-743.1	0.74	-0.74	-0.08	-4.9	-1.4
14,803.0	90.18	182.00	11,011.4	-3,914.8	-745.3	2.07	1.61	1.30	-4.3	-4.1
14,892.0	90.94	181.29	11,010.5	-4,003.8	-747.9	1.17	0.85	-0.80	-5.5	-7.2
14,980.0	88.28	180.97	11,011.1	-4,091.7	-749.6	3.04	-3.02	-0.36	-5.1	-9.5
15,069.0	86.71	180.13	11,015.0	-4,180.6	-750.5	2.00	-1.76	-0.94	-1.5	-10.8
15,158.0	87.24	180.00	11,019.7	-4,269.5	-750.6	0.61	0.60	-0.15	2.9	-11.5
15,247.0	87.66	180.04	11,023.7	-4,358.4	-750.6	0.47	0.47	0.04	6.6	-12.0
15,336.0	88.22	179.96	11,026.9	-4,447.4	-750.6	0.64	0.63	-0.09	9.5	-12.6
15,424.0	88.81	179.68	11,029.2	-4,535.3	-750.3	0.74	0.67	-0.32	11.5	-12.8
15,512.0	89.59	181.39	11,030.4	-4,623.3	-751.1	2.14	0.89	1.94	12.5	-14.2
15,601.0	89.48	179.42	11,031.1	-4,712.3	-751.8	2.22	-0.12	-2.21	12.9	-15.3
15,690.0	90.07	179.21	11,031.5	-4,801.3	-750.7	0.70	0.66	-0.24	13.0	-14.8
15,777.0	90.74	179.05	11,030.8	-4,888.3	-749.4	0.79	0.77	-0.18	12.1	-14.0
15,867.0	90.80	178.69	11,029.6	-4,978.3	-747.6	0.41	0.07	-0.40	10.7	-12.7
15,955.0	91.64	178.30	11,027.8	-5,066.2	-745.3	1.05	0.95	-0.44	8.4	-11.0
16,044.0	91.33	179.24	11,025.4	-5,155.2	-743.4	1.11	-0.35	1.06	5.6	-9.6
16,132.0	91.33	178.54	11,023.4	-5,243.1	-741.7	0.80	0.00	-0.80	3.2	-8.4
16,221.0	89.73	178.45	11,022.6	-5,332.1	-739.3	1.80	-1.80	-0.10	1.9	-6.6
16,310.0	90.63	178.44	11,022.3	-5,421.0	-736.9	1.01	1.01	-0.01	1.2	-4.7



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #523H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3669.0usft
Site:	Modelo 10 Fed Com	MD Reference:	KB = 32' @ 3669.0usft
Well:	#523H	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)	
16,397.0	88.75	177.83	11,022.8	-5,508.0	-734.1	2.27	-2.16	-0.70	1.2	-2.4	
16,486.0	88.89	177.71	11,024.6	-5,596.9	-730.6	0.21	0.16	-0.13	2.6	0.5	
16,573.0	89.90	177.35	11,025.5	-5,683.8	-726.9	1.23	1.16	-0.41	3.1	3.8	
16,662.0	91.08	177.53	11,024.8	-5,772.7	-722.9	1.34	1.33	0.20	1.9	7.2	
16,749.0	93.58	176.69	11,021.2	-5,859.5	-718.5	3.03	2.87	-0.97	-2.0	11.1	
16,837.0	92.20	177.83	11,016.8	-5,947.3	-714.3	2.03	-1.57	1.30	-6.9	14.8	
16,926.0	89.51	179.73	11,015.5	-6,036.3	-712.4	3.70	-3.02	2.13	-8.7	16.1	
17,015.0	88.14	182.22	11,017.3	-6,125.2	-713.9	3.19	-1.54	2.80	-7.3	14.1	
17,103.0	88.11	182.58	11,020.2	-6,213.1	-717.6	0.41	-0.03	0.41	-4.8	9.9	
17,192.0	88.53	182.29	11,022.8	-6,302.0	-721.4	0.57	0.47	-0.33	-2.6	5.6	
17,281.0	89.09	181.73	11,024.6	-6,390.9	-724.5	0.89	0.63	-0.63	-1.2	1.9	
17,369.0	90.15	181.04	11,025.2	-6,478.9	-726.6	1.44	1.20	-0.78	-1.1	-0.7	
17,457.0	89.93	180.43	11,025.1	-6,566.9	-727.8	0.74	-0.25	-0.69	-1.6	-2.4	
17,546.0	90.35	180.10	11,024.9	-6,655.9	-728.2	0.60	0.47	-0.37	-2.2	-3.3	
17,634.0	90.27	180.02	11,024.5	-6,743.9	-728.3	0.13	-0.09	-0.09	-3.1	-3.9	
17,723.0	91.30	179.68	11,023.2	-6,832.9	-728.0	1.22	1.16	-0.38	-4.8	-4.2	
17,812.0	92.42	180.17	11,020.3	-6,921.8	-727.9	1.37	1.26	0.55	-8.1	-4.7	
17,900.0	89.23	179.64	11,019.1	-7,009.8	-727.8	3.67	-3.62	-0.60	-9.8	-5.0	
17,989.0	88.53	178.59	11,020.8	-7,098.8	-726.4	1.42	-0.79	-1.18	-8.4	-4.2	
18,078.0	89.23	178.68	11,022.6	-7,187.7	-724.3	0.79	0.79	0.10	-7.0	-2.6	
18,166.0	87.47	178.84	11,025.1	-7,275.7	-722.4	2.01	-2.00	0.18	-4.7	-1.2	
18,255.0	87.43	178.55	11,029.1	-7,364.6	-720.4	0.33	-0.04	-0.33	-1.1	0.2	
18,325.0	87.69	178.46	11,032.0	-7,434.5	-718.5	0.39	0.37	-0.13	1.7	1.6	
18,343.0	87.86	178.45	11,032.7	-7,452.4	-718.1	0.95	0.94	-0.06	2.3	2.0	
18,431.0	88.75	178.77	11,035.3	-7,540.4	-715.9	1.07	1.01	0.36	4.6	3.6	
18,466.0	89.12	178.88	11,036.0	-7,575.4	-715.2	1.10	1.06	0.31	5.2	4.1	
Last MWD Survey (MD=18466.0')											



Final PVA

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Modelo 10 Fed Com
Well: #523H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #523H
TVD Reference: KB = 32' @ 3669.0usft
MD Reference: KB = 32' @ 3669.0usft
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)
18,525.0	89.12	178.88	11,036.9	-7,634.3	-714.1	0.00	0.00	0.00	7.2	6.0
Projection to Bit (MD=18525.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,424.0	10,367.2	129.7	-728.7	KOP, MD:10424.0', TVD:10367.2',N/S:129.7', E/W:-728.7', INC:1.57
10,636.1	10,572.0	86.2	-736.6	FTP Crossing, MD:10636.1', TVD:10572.0',N/S:86.2', E/W:-736.6', INC:28.14
18,466.0	11,036.0	-7,575.4	-715.2	Last MWD Survey (MD=18466.0')
18,525.0	11,036.9	-7,634.3	-714.1	Projection to Bit (MD=18525.0')

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDIX 06/06/2022



Lea County, NM (NAD 83 NME)

Modelo 10 Fed Com #523H

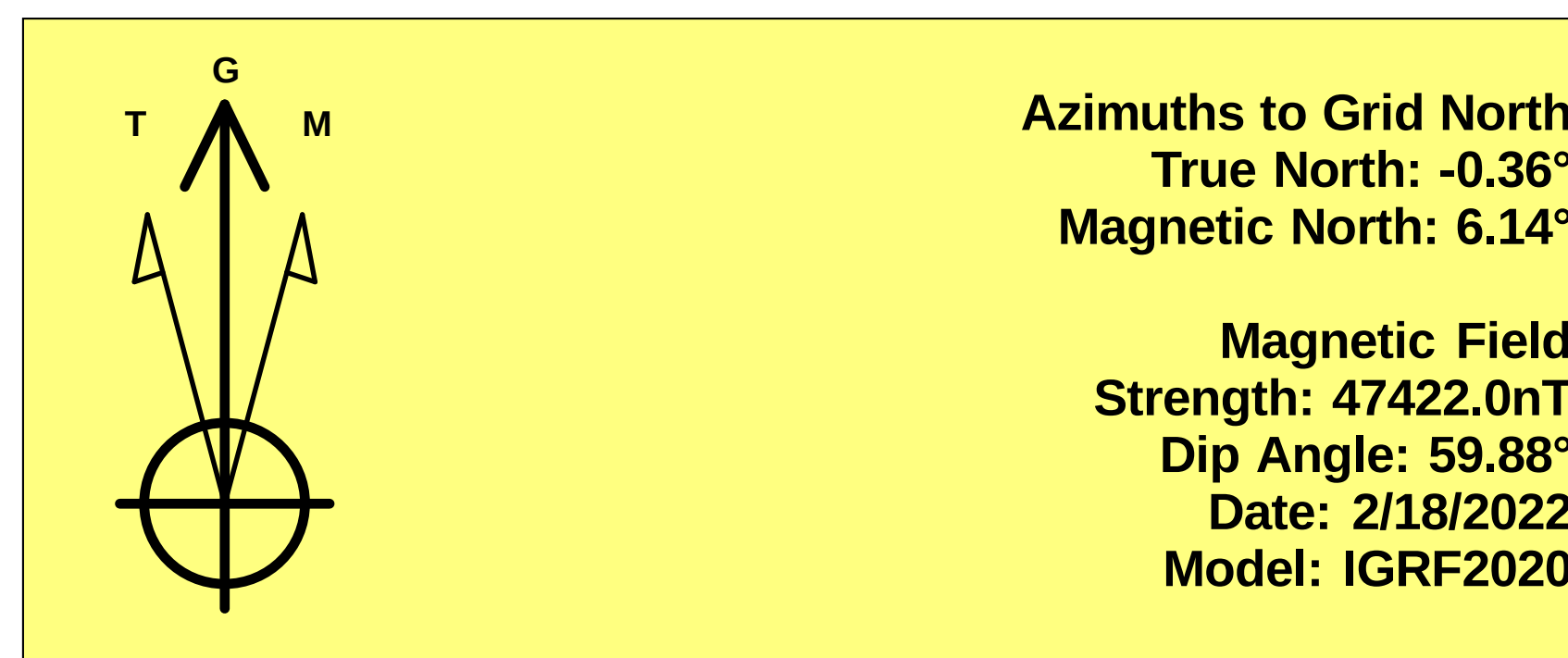
Plan #1

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: #523H

KB = 32' @ 3669.0usft
Northing 451287.00 Easting 751056.00
Latitude 32° 14' 19.836 N Longitude 103° 39' 18.139 W



Azimuths to Grid North
True North: -0.36°
Magnetic North: 6.14°

Magnetic Field
Strength: 47422.0nT
Dip Angle: 59.88°
Date: 2/18/2022
Model: IGRF2020

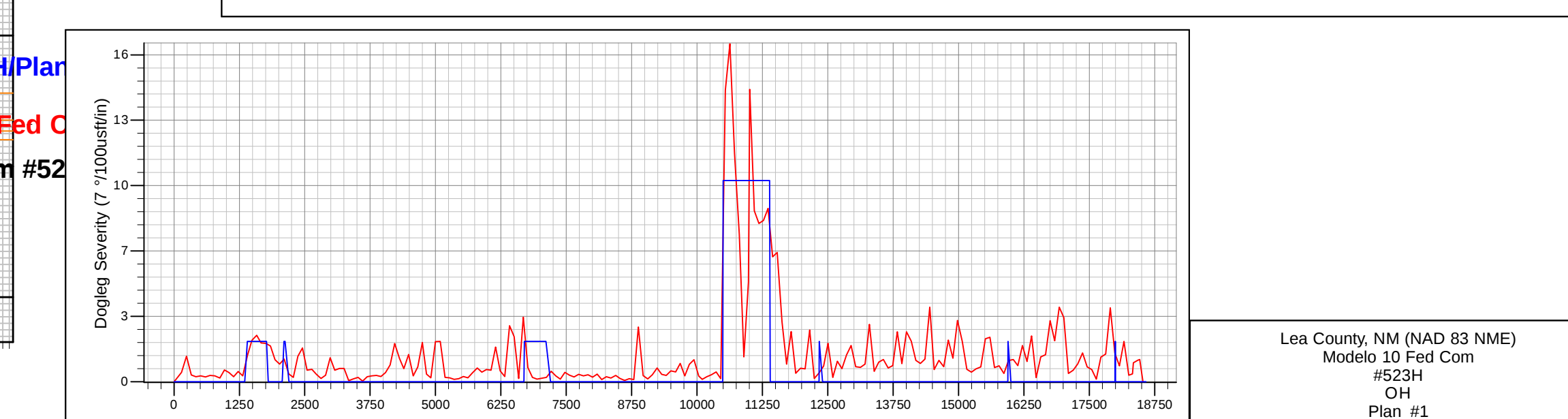
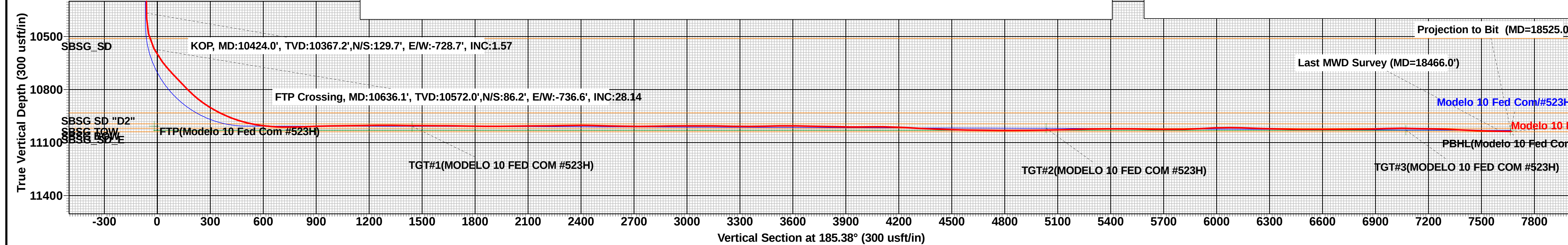
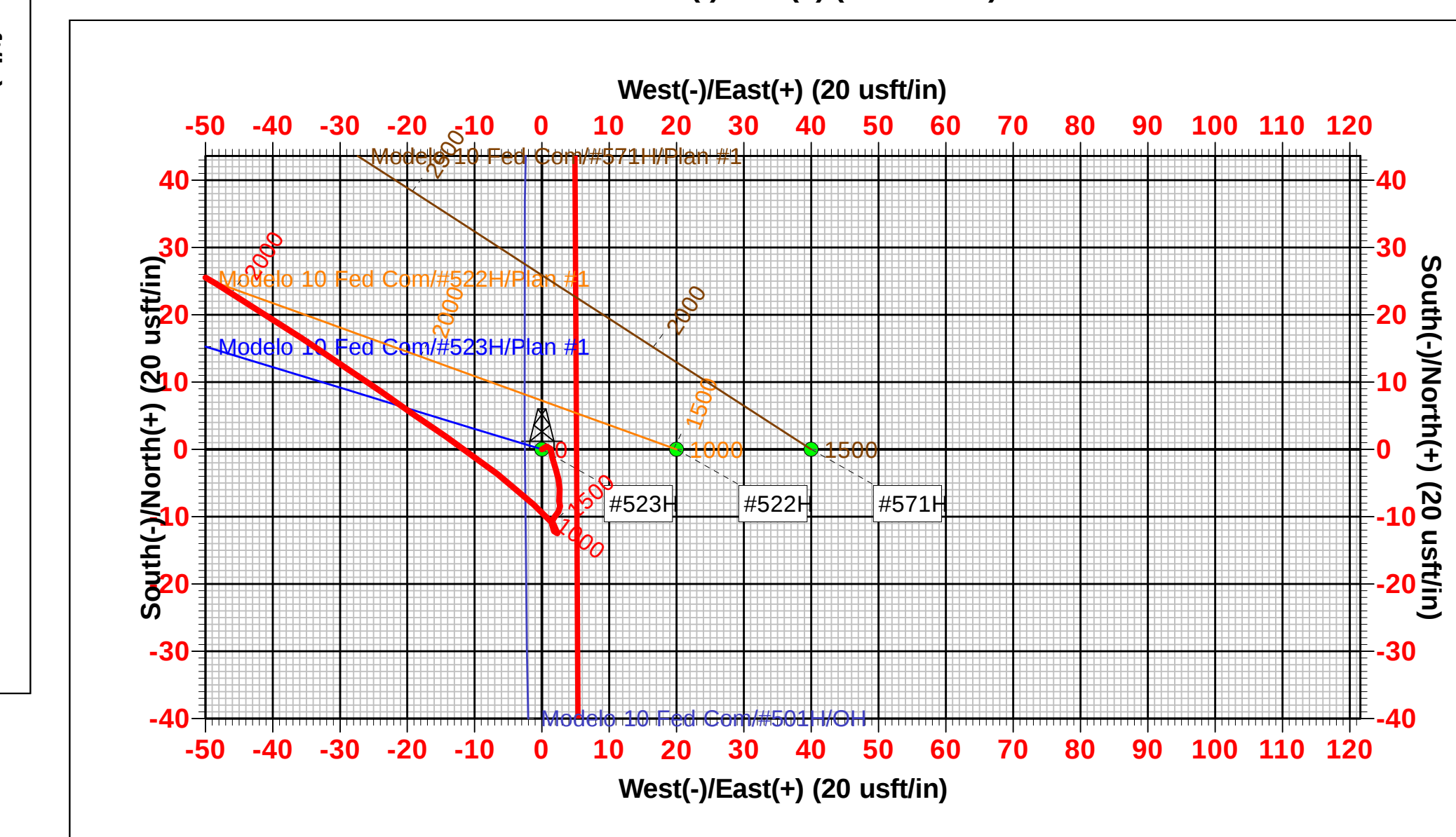
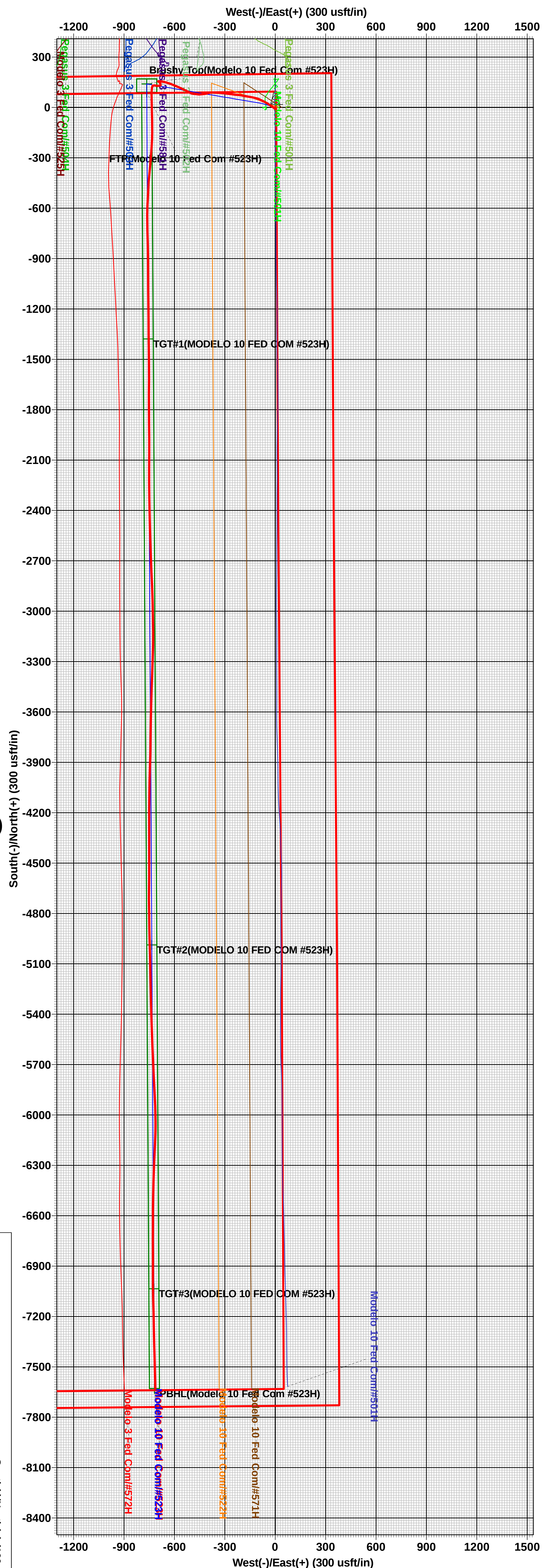
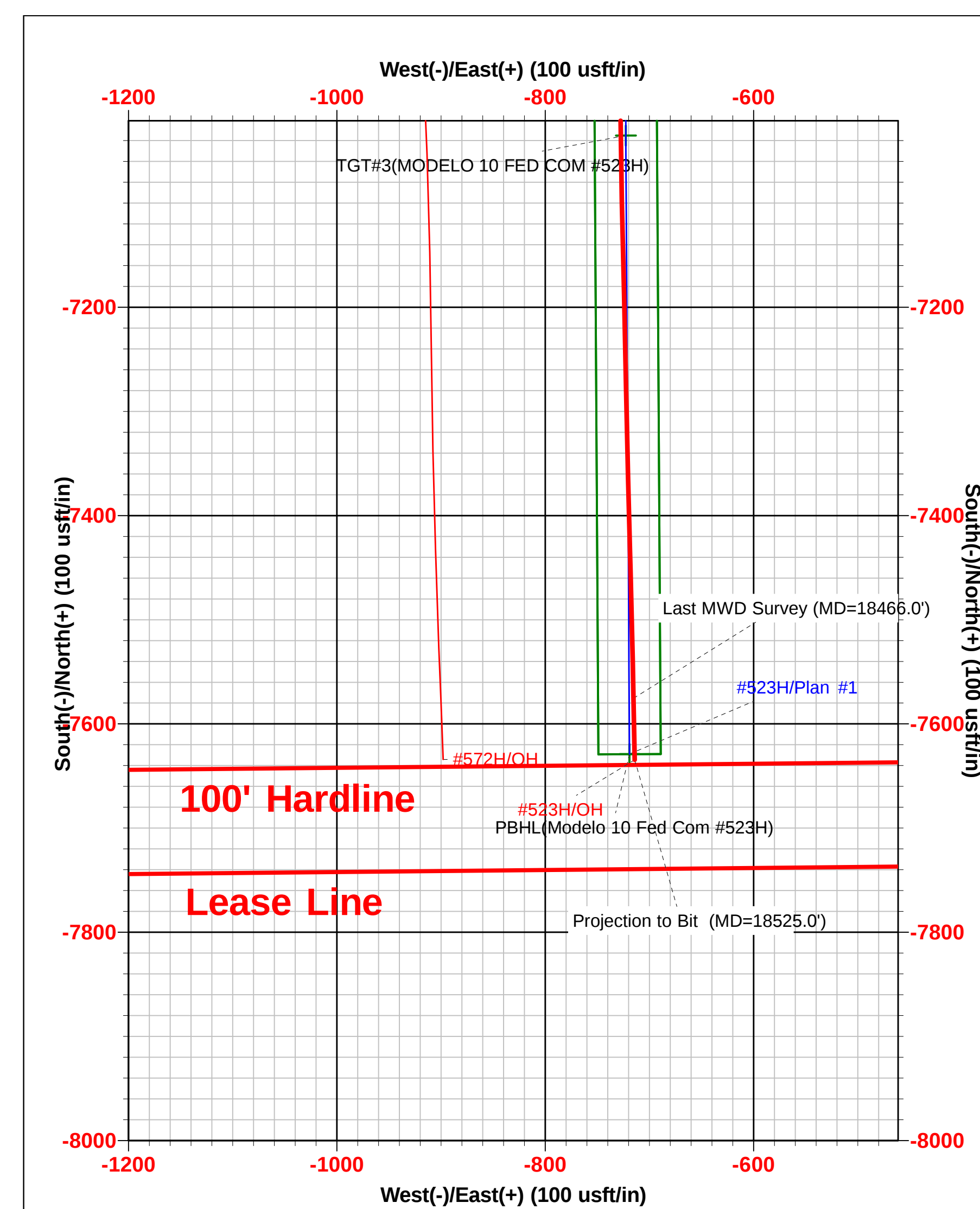
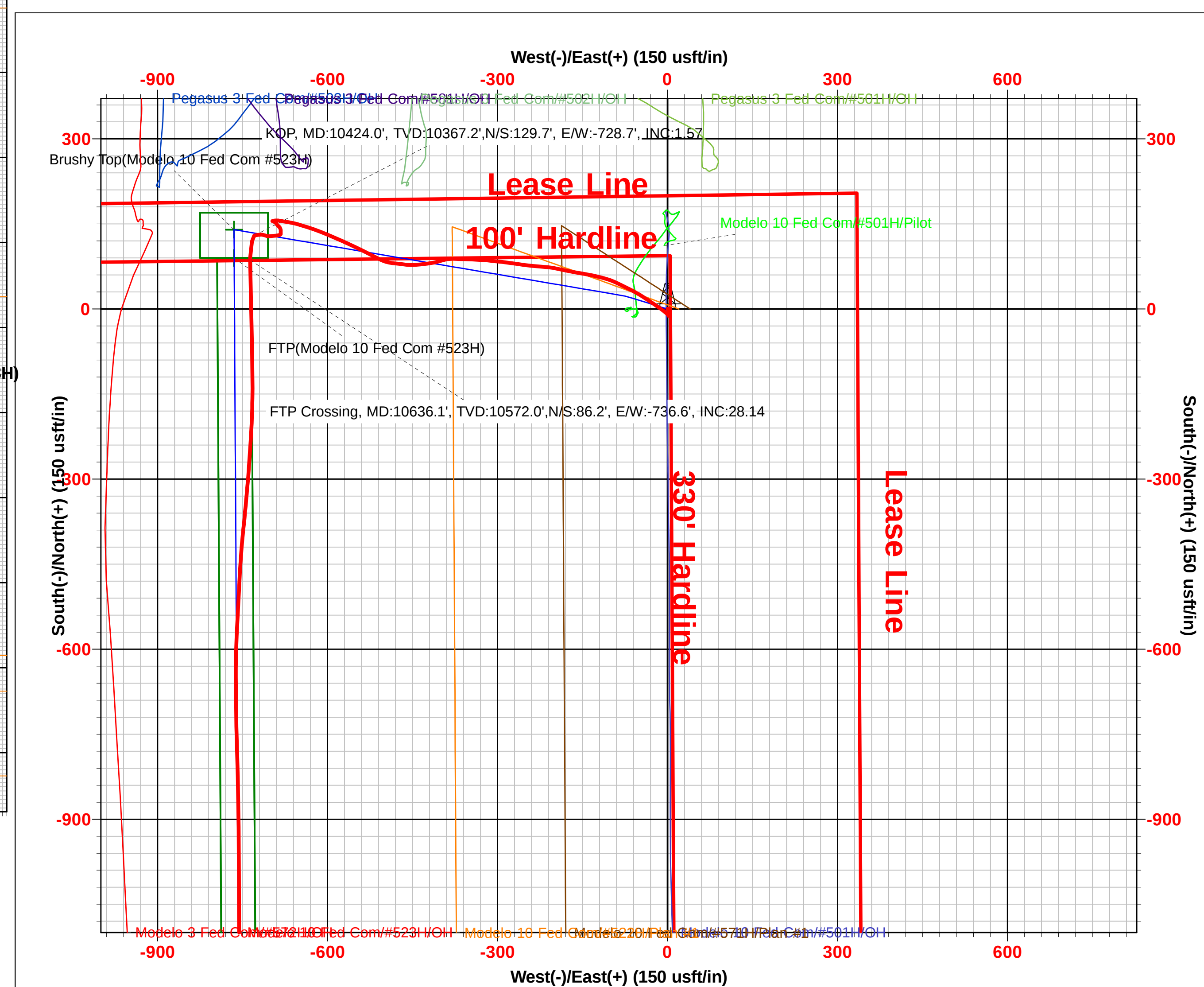
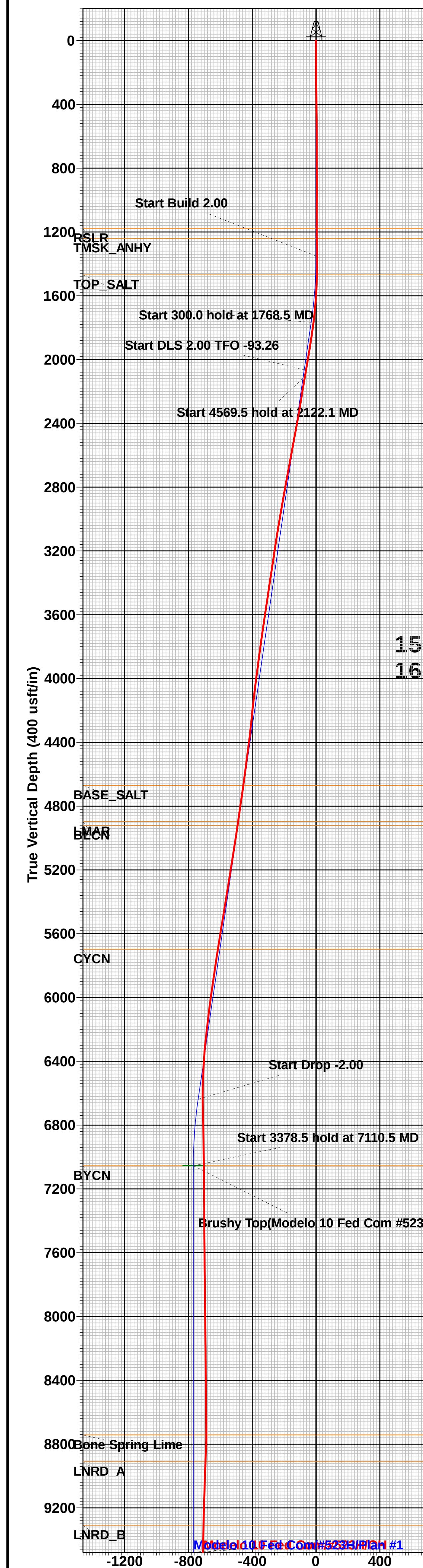
To convert a Magnetic Direction to a Grid Direction, Add 6.14°
To convert a Magnetic Direction to a True Direction, Add 6.51° East
To convert a True Direction to a Grid Direction, Subtract 0.36°

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	
1350.0	0.00	0.00	1350.0	0.0	0.0	0.00	0.00	0.0	
1768.5	8.37	287.00	1767.0	8.9	-29.2	2.00	287.00	-6.1	
2068.5	8.37	287.00	2063.8	21.7	-70.9	0.00	0.00	-14.9	
2122.1	8.38	279.63	2116.9	23.5	-78.5	2.00	-93.26	-16.0	
6691.6	8.38	279.63	6637.6	134.9	-734.9	0.00	0.00	-65.3	
7110.5	0.00	0.00	7055.0	140.0	-765.0	2.00	180.00	-67.6	Brushy Top(Modelo 10 Fed Com #523H)
10489.0	0.00	0.00	10433.5	140.0	-765.0	0.00	0.00	-67.6	
11388.1	89.91	179.67	11006.5	-432.0	-761.7	10.00	179.67	501.6	
12334.5	89.91	179.67	11008.0	-1378.4	-756.3	0.00	0.00	1443.3	TGT#1(MODELO 10 FED COM #523H)
12338.6	89.83	179.66	11008.0	-1382.5	-756.3	2.00	-170.88	1447.4	
15943.5	89.83	179.66	11019.0	-4987.4	-734.8	0.00	0.00	5034.3	TGT#2(MODELO 10 FED COM #523H)
15948.8	89.72	179.66	11019.0	-4992.7	-734.8	2.00	-180.00	5039.6	
17991.4	89.72	179.66	11029.0	-7035.2	-722.6	0.00	0.00	7072.0	TGT#3(MODELO 10 FED COM #523H)
17995.8	89.81	179.65	11029.0	-7039.6	-722.6	2.00	-3.96	7076.3	
18585.2	89.81	179.65	11031.0	-7629.0	-719.0	0.00	0.00	7662.8	PBHL(Modelo 10 Fed Com #523H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Modelo 10 Fed Com #523H)	7055.0	140.0	-765.0	451427.00	750291.00
FTP(Modelo 10 Fed Com #523H)	11007.0	90.0	-765.0	451377.00	750291.00
TGT#1(MODELO 10 FED COM #523H)	11008.0	-1378.4	-756.3	449908.60	750299.70
TGT#2(MODELO 10 FED COM #523H)	11019.0	-4987.4	-734.8	446299.60	750321.20
TGT#3(MODELO 10 FED COM #523H)	11029.0	-7035.2	-722.6	444251.80	750333.40
PBHL(Modelo 10 Fed Com #523H)	11031.0	-7629.0	-719.0	443658.00	750337.00



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name MODELO 10 FEDERAL COM		
								6. Well Number: 523H		
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 TRISTE DRAW; BONE SPRING			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	10	24S	32E		200	NORTH	335	EAST	LEA
BH:	H	15	24S	32E		2534	NORTH	1095	EAST	LEA
13. Date Spudded 01/04/2022	14. Date T.D. Reached 02/20/2022		15. Date Rig Released 02/21/2022			16. Date Completed (Ready to Produce) 05/25/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3649' GL		
18. Total Measured Depth of Well MD 18,525' TVD 11,036'			19. Plug Back Measured Depth MD 18,502' 11,036'			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 11,116 - 18,502'										
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		1277'		16"		580 CL C/CIRC		
9 5/8"		40# J-55		4880'		12 1/4"		1410 CL C/CIRC		
5 1/2"		20# HCP-110		18,510'		8 3/4"		2737 CL H/TOC 1930 CBL'		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 11,116 - 18,502' 3 1/8", 1596 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,116 - 18,502'		FRAC W/18,474,570 lbs proppant, 232,938 bbls load fld		
28. PRODUCTION										
Date First Production 05/25/2022		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 05/30/2022	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1229	Gas - MCF 1946	Water - Bbl. 4782	Gas - Oil Ratio 1583			
Flow Tubing Press.	Casing Pressure 1204	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 44				
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 Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 06/07/2022 E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy Rustler 1177'	T. Canyon Brushy 7055'	T. Ojo Alamo	T. Penn A"
T. Salt 1469'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4670'	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 9926'	T. Entrada	
T. Wolfcamp	T. 2nd BS Sand 10,510'	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

From	To	Thickness In Feet	Lithology

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 114692

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 114692
	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/oed/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 114692

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 114692
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	8/19/2025