

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

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 10/25/2021	
⁴ API Number 30 - 025-47243	⁵ Pool Name TRISTE DRAW; BONE SPRING		⁶ Pool Code 96603
⁷ Property Code 328120	⁸ Property Name PEGASUS 3 FEDERAL COM		⁹ Well Number 503H

II. ¹⁰ Surface Location

Ul or lot no. P	Section 03	Township 24S	Range 32E	Lot Idn	Feet from the 551'	North/South Line SOUTH	Feet from the 743'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. A	Section 34	Township 23S	Range 32E	Lot Idn	Feet from the 108'	North/South line NORTH	Feet from the 1217'	East/West line EAST	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 3/28/2021	²² Ready Date 10/25/2021	²³ TD 20,895	²⁴ PBTD 20,859'	²⁵ Perforations 10,769 - 20,859'	²⁶ DHC, MC		
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement	
17 1/2"		13 3/8"		1276'		1050 SXS CL C/CIRC	
12 1/4"		9 5/8"		4859'		1350 SXS CL C/CIRC	
8 1/2"		5 1/2"		20,869'		2845 SXS CL H TOC 1780' CBL	

V. Well Test Data

³¹ Date New Oil 10/25/2021	³² Gas Delivery Date 10/25/2021	³³ Test Date 11/04/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1005
³⁷ Choke Size 64	³⁸ Oil 3792	³⁹ Water 9241	⁴⁰ Gas 5654		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: <i>PATRICIA MARTINEZ</i>		
Title: SENIOR REGULATORY SPECIALIST			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: kay_maddox@eogresources.com			Approval Date: <i>6/3/2022</i>		
Date: 11/16/2021		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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47243	² Pool Code 96603	³ Pool Name TRISTE DRAW; BONE SPRING
⁴ Property Code 328120	⁵ Property Name PEGASUS 3 FED COM	⁶ Well Number 503H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3643'

¹⁰Surface Location

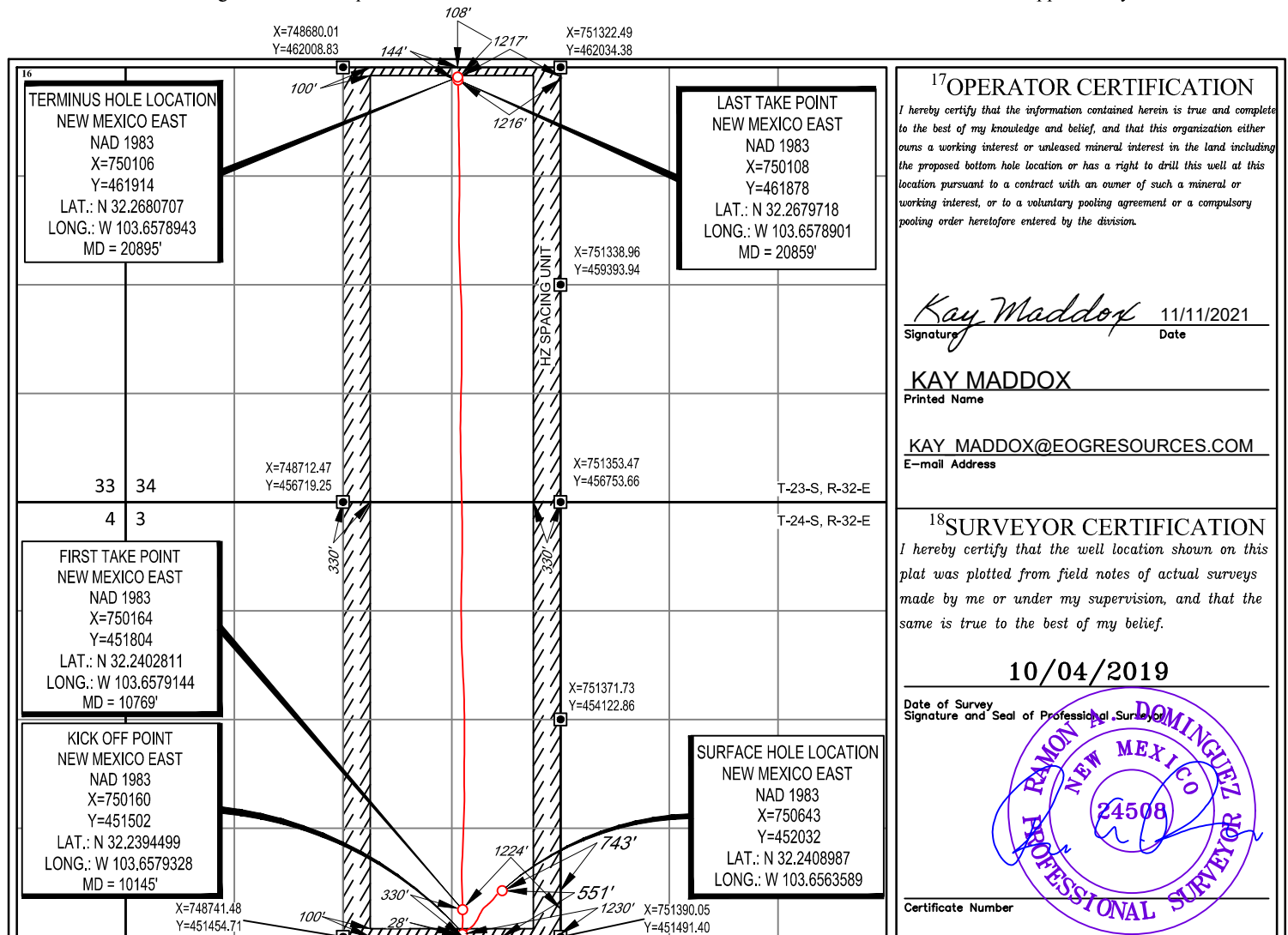
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	3	24-S	32-E	-	551'	SOUTH	743'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	23-S	32-E	-	108'	NORTH	1217'	EAST	LEA

¹² Dedicated Acres 639.39	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.

¹⁷OPERATOR CERTIFICATION

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

Kay Maddox 11/11/2021
Signature Date

KAY MADDOX
Printed Name

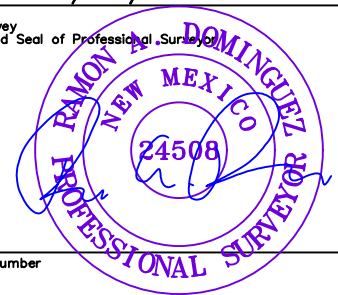
KAY.MADDOX@EOGRESOURCES.COM
E-mail Address

¹⁸SURVEYOR CERTIFICATION

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

10/04/2019

Date of Survey
Signature and Seal of Professional Surveyor

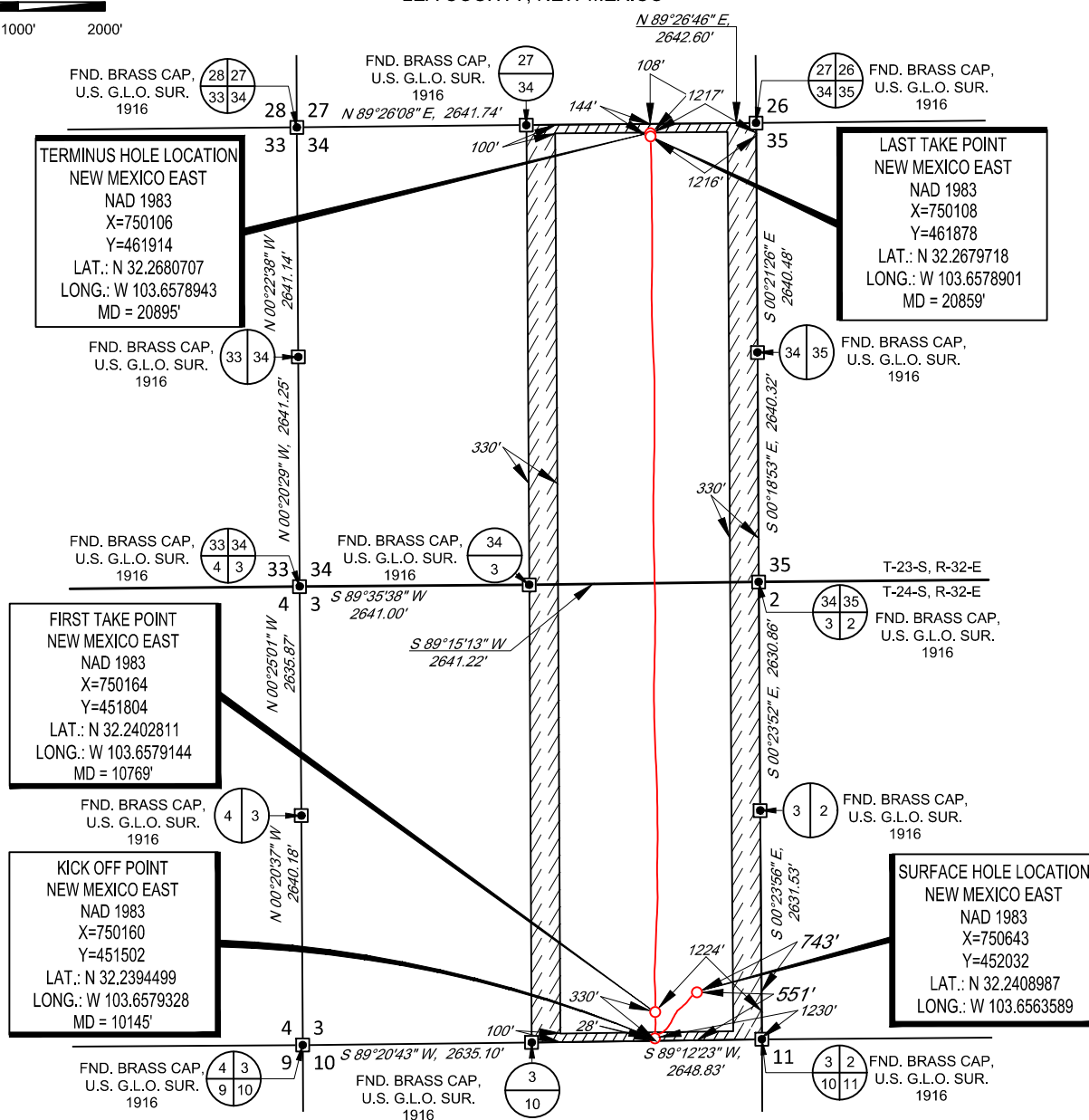


Certificate Number

SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 3, TOWNSHIP 24-S, RANGE 32-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: PEGASUS 3 FED COM 503H

SECTION 3 TWP 24-S RGE 32-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3643'

DESCRIPTION 551' FSL & 743' FEL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

eog resources, inc.



Ramon A. Dominguez, P.S. No. 24508
October 20, 2021

PEGASUS 3 FED COM
503H
AS-COMplete

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.
4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.

DATE: 10/19/2021

FILE: AD_PEGASUS_3_FED_COM_503H

DRAWN BY: A.V.F.

SHEET: 1 OF 1



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com

#503H

OH

Design: OH

Midland PVA

18 May, 2021



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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	Pegasus 3 Fed Com		
Site Position:		Northing:	451,857.00 usft
From:	Map	Easting:	747,693.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 14' 25.685 N
		Longitude:	103° 39' 57.253 W
		Grid Convergence:	0.36 °

Well		#503H				
Well Position	+N/-S	0.0 usft	Northing:	452,032.00 usft	Latitude:	32° 14' 27.234 N
	+E/-W	0.0 usft	Easting:	750,643.00 usft	Longitude:	103° 39' 22.893 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,643.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/12/2021	6.60	59.91	47,503.18250178

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	356.93	

Survey Program	Date	5/18/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
199.0	20,895.0	Driltech MWD (OH)	EOG MWD+IFR1	MWD + IFR1	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
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Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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	0.26	326.00	199.0	0.4	-0.3	0.13	0.13	0.00	-0.5	0.0	
229.0	0.26	307.10	229.0	0.5	-0.3	0.28	0.00	-63.00	-0.6	-0.2	
407.0	0.53	229.67	407.0	0.2	-1.3	0.30	0.15	-43.50	-0.9	-1.0	
585.0	0.70	228.79	585.0	-1.1	-2.7	0.10	0.10	-0.49	-2.8	-1.0	
683.0	0.97	237.84	683.0	-1.9	-3.9	0.31	0.28	9.23	-4.3	-0.5	
777.0	0.97	259.64	777.0	-2.5	-5.3	0.39	0.00	23.19	-5.7	1.5	
871.0	1.23	246.19	870.9	-3.0	-7.1	0.39	0.28	-14.31	-7.7	-0.1	
966.0	1.32	251.20	965.9	-3.8	-9.0	0.15	0.09	5.27	-9.8	0.7	
1,060.0	1.85	251.11	1,059.9	-4.6	-11.5	0.56	0.56	-0.10	-12.4	0.7	
1,155.0	2.02	250.15	1,154.8	-5.7	-14.5	0.18	0.18	-1.01	-15.6	0.4	
1,216.0	2.37	253.05	1,215.8	-6.4	-16.7	0.60	0.57	4.75	-17.9	1.3	
1,330.0	2.73	258.14	1,329.7	-7.7	-21.6	0.37	0.32	4.46	-22.8	3.1	
1,424.0	2.64	257.79	1,423.6	-8.6	-25.9	0.10	-0.10	-0.37	-27.2	2.9	
1,518.0	2.73	252.08	1,517.5	-9.7	-30.2	0.30	0.10	-6.07	-31.7	0.0	
1,613.0	2.37	254.10	1,612.4	-11.0	-34.2	0.39	-0.38	2.13	-35.9	1.2	
1,707.0	2.55	237.49	1,706.3	-12.6	-37.9	0.78	0.19	-17.67	-36.8	-10.2	
1,801.0	4.13	217.63	1,800.1	-16.4	-41.7	2.06	1.68	-21.13	-31.4	-22.4	
1,895.0	6.60	212.35	1,893.7	-23.7	-46.7	2.68	2.63	-5.62	-29.9	-24.0	
1,989.0	8.35	217.80	1,986.9	-33.6	-53.7	2.01	1.86	5.80	-33.0	-19.7	
2,084.0	8.35	218.86	2,080.9	-44.5	-62.3	0.16	0.00	1.12	-32.6	-18.0	
2,177.0	8.00	221.93	2,173.0	-54.5	-70.8	0.60	-0.38	3.30	-30.6	-15.7	
2,270.0	8.00	220.62	2,265.1	-64.3	-79.4	0.20	0.00	-1.41	-27.0	-16.1	
2,365.0	10.82	216.48	2,358.8	-76.4	-89.0	3.05	2.97	-4.36	-24.9	-16.7	
2,459.0	10.46	217.36	2,451.1	-90.3	-99.4	0.42	-0.38	0.94	-26.3	-14.7	
2,553.0	10.11	217.89	2,543.6	-103.6	-109.7	0.39	-0.37	0.56	-26.9	-13.1	
2,647.0	9.67	221.05	2,636.2	-116.1	-119.9	0.74	-0.47	3.36	-27.4	-10.8	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
2,742.0	9.41	223.43	2,729.9	-127.7	-130.5	0.50	-0.27	2.51	-27.1	-9.6
2,836.0	8.79	225.45	2,822.7	-138.4	-140.9	0.74	-0.66	2.15	-25.9	-9.2
2,930.0	8.53	228.96	2,915.7	-148.0	-151.3	0.63	-0.28	3.73	-24.3	-9.0
3,025.0	10.82	230.28	3,009.3	-158.3	-163.4	2.42	2.41	1.39	-24.1	-10.6
3,119.0	10.46	231.78	3,101.7	-169.2	-176.9	0.48	-0.38	1.60	-25.7	-12.3
3,213.0	10.11	231.51	3,194.2	-179.6	-190.1	0.38	-0.37	-0.29	-26.3	-15.1
3,401.0	9.32	227.82	3,379.5	-200.1	-214.3	0.53	-0.42	-1.96	-24.5	-20.8
3,495.0	9.06	220.09	3,472.3	-210.9	-224.7	1.34	-0.28	-8.22	-20.1	-24.2
3,589.0	10.99	212.27	3,564.9	-224.1	-234.2	2.51	2.05	-8.32	-16.9	-24.8
3,684.0	10.46	213.06	3,658.2	-239.0	-243.8	0.58	-0.56	0.83	-18.7	-21.8
3,778.0	9.50	210.42	3,750.8	-252.9	-252.4	1.13	-1.02	-2.81	-18.0	-19.6
3,872.0	9.41	206.64	3,843.5	-266.4	-259.7	0.67	-0.10	-4.02	-16.4	-16.8
3,966.0	10.99	208.40	3,936.0	-281.2	-267.5	1.71	1.68	1.87	-17.7	-12.1
4,060.0	10.29	209.54	4,028.4	-296.4	-275.9	0.78	-0.74	1.21	-19.4	-7.9
4,155.0	9.15	202.69	4,122.0	-310.7	-283.0	1.71	-1.20	-7.21	-18.8	-5.5
4,249.0	9.32	198.12	4,214.8	-324.8	-288.2	0.80	0.18	-4.86	-18.4	-0.9
4,343.0	11.78	211.56	4,307.2	-340.2	-295.6	3.69	2.62	14.30	-19.1	8.2
4,438.0	11.17	211.30	4,400.3	-356.4	-305.4	0.64	-0.64	-0.27	-21.9	11.3
4,532.0	10.46	212.71	4,492.7	-371.3	-314.8	0.81	-0.76	1.50	-23.2	14.8
4,627.0	10.82	218.95	4,586.0	-385.5	-325.1	1.27	0.38	6.57	-22.5	19.2
4,721.0	9.85	216.40	4,678.5	-398.9	-335.4	1.14	-1.03	-2.71	-24.0	19.5
4,801.0	8.79	217.54	4,757.4	-409.2	-343.2	1.34	-1.32	1.42	-22.7	21.3
4,906.0	7.03	219.38	4,861.4	-420.5	-352.1	1.69	-1.68	1.75	-18.2	23.2
5,000.0	7.56	228.88	4,954.7	-429.1	-360.4	1.40	0.56	10.11	-9.8	25.0
5,095.0	9.41	230.02	5,048.6	-438.2	-371.1	1.96	1.95	1.20	-6.9	23.2
5,189.0	11.52	231.60	5,141.1	-448.9	-384.3	2.27	2.24	1.68	-7.3	20.9
5,283.0	10.11	241.45	5,233.4	-458.7	-398.9	2.47	-1.50	10.48	-5.7	18.2



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Pegasus 3 Fed Com
Well: #503H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #503H
TVD Reference: KB = 26' @ 3669.0usft
MD Reference: KB = 26' @ 3669.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

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)
5,378.0	8.79	244.52	5,327.1	-465.8	-412.8	1.49	-1.39	3.23	-5.0	12.7
5,472.0	9.23	241.97	5,420.0	-472.4	-426.0	0.63	0.47	-2.71	-4.9	6.7
5,566.0	6.42	246.81	5,513.1	-478.1	-437.4	3.07	-2.99	5.15	-2.1	1.0
5,660.0	4.57	250.94	5,606.6	-481.3	-445.8	2.01	-1.97	4.39	1.7	-5.4
5,755.0	2.55	210.60	5,701.5	-484.4	-450.5	3.26	-2.13	-42.46	11.0	-3.1
5,849.0	3.17	182.91	5,795.4	-488.8	-451.7	1.59	0.66	-29.46	13.1	6.7
5,944.0	0.97	190.91	5,890.3	-492.2	-452.0	2.33	-2.32	8.42	15.0	7.9
6,038.0	0.79	311.05	5,984.3	-492.6	-452.6	1.63	-0.19	127.81	-0.9	-18.3
6,133.0	0.79	317.03	6,079.3	-491.7	-453.5	0.09	0.00	6.29	-4.1	-18.1
6,227.0	0.79	316.94	6,173.3	-490.7	-454.4	0.00	0.00	-0.10	-5.4	-18.1
6,415.0	0.70	322.66	6,361.2	-488.8	-456.0	0.06	-0.05	3.04	-9.6	-17.4
6,510.0	0.62	321.35	6,456.2	-488.0	-456.7	0.09	-0.08	-1.38	-10.3	-17.6
6,604.0	0.53	316.86	6,550.2	-487.3	-457.3	0.11	-0.10	-4.78	-9.8	-18.4
6,698.0	0.53	300.25	6,644.2	-486.7	-458.0	0.16	0.00	-17.67	-5.0	-20.5
6,792.0	0.53	300.34	6,738.2	-486.3	-458.7	0.00	0.00	0.10	-5.9	-20.5
6,887.0	0.62	279.33	6,833.2	-486.0	-459.6	0.24	0.09	-22.12	0.9	-21.4
6,981.0	0.53	286.45	6,927.2	-485.8	-460.5	0.12	-0.10	7.57	-2.7	-21.3
7,075.0	0.35	286.98	7,021.2	-485.6	-461.2	0.19	-0.19	0.56	-3.6	-21.3
7,169.0	0.70	258.77	7,115.2	-485.6	-462.0	0.45	0.37	-30.01	6.1	-20.6
7,264.0	1.06	258.94	7,210.2	-485.9	-463.5	0.38	0.38	0.18	4.6	-20.6
7,358.0	1.06	249.72	7,304.2	-486.4	-465.1	0.18	0.00	-9.81	6.1	-19.8
7,453.0	1.14	237.94	7,399.2	-487.2	-466.8	0.25	0.08	-12.40	8.2	-18.3
7,547.0	1.14	231.35	7,493.1	-488.2	-468.3	0.14	0.00	-7.01	8.4	-17.3
7,641.0	1.14	231.43	7,587.1	-489.4	-469.8	0.00	0.00	0.09	6.5	-17.3
7,735.0	1.23	227.57	7,681.1	-490.7	-471.2	0.13	0.10	-4.11	5.7	-16.9
7,830.0	0.97	221.33	7,776.1	-492.0	-472.5	0.30	-0.27	-6.57	5.7	-16.3
7,924.0	1.06	218.78	7,870.1	-493.2	-473.6	0.11	0.10	-2.71	4.7	-16.1



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
8,018.0	1.06	211.57	7,964.1	-494.7	-474.6	0.14	0.00	-7.67	5.0	-15.5
8,113.0	1.14	208.41	8,059.0	-496.2	-475.5	0.11	0.08	-3.33	4.0	-15.2
8,207.0	1.14	207.79	8,153.0	-497.9	-476.4	0.01	0.00	-0.66	2.3	-15.2
8,301.0	1.14	197.60	8,247.0	-499.6	-477.1	0.22	0.00	-10.84	3.1	-14.7
8,395.0	1.23	202.17	8,341.0	-501.4	-477.8	0.14	0.10	4.86	0.0	-14.8
8,490.0	1.32	200.94	8,436.0	-503.4	-478.5	0.10	0.09	-1.29	-1.8	-14.9
8,584.0	1.67	194.43	8,529.9	-505.7	-479.3	0.41	0.37	-6.93	-2.6	-15.1
8,678.0	1.76	197.60	8,623.9	-508.4	-480.0	0.14	0.10	3.37	-6.2	-14.9
8,773.0	1.93	196.89	8,718.8	-511.4	-480.9	0.18	0.18	-0.75	-9.1	-14.9
8,867.0	1.67	209.37	8,812.8	-514.1	-482.1	0.50	-0.28	13.28	-15.0	-12.3
8,965.0	1.58	200.76	8,910.8	-516.6	-483.3	0.27	-0.09	-8.79	-15.8	-14.6
9,060.0	1.58	225.28	9,005.7	-518.7	-484.7	0.71	0.00	25.81	-22.9	-6.2
9,154.0	1.23	196.80	9,099.7	-520.6	-485.9	0.82	-0.37	-30.30	-19.3	-17.0
9,342.0	0.97	222.21	9,287.7	-523.7	-487.5	0.29	-0.14	13.52	-28.2	-6.2
9,531.0	0.88	175.10	9,476.6	-526.3	-488.5	0.39	-0.05	-24.93	-17.2	-26.0
9,625.0	0.44	235.39	9,570.6	-527.3	-488.7	0.81	-0.47	64.14	-31.8	2.7
9,720.0	0.26	227.24	9,665.6	-527.6	-489.2	0.20	-0.19	-8.58	-32.5	-1.9
9,814.0	0.26	122.71	9,759.6	-527.9	-489.1	0.44	0.00	-111.20	9.9	-31.2
9,908.0	1.58	103.99	9,853.6	-528.3	-487.7	1.42	1.40	-19.91	17.8	-26.4
10,003.0	1.41	125.70	9,948.6	-529.3	-485.5	0.62	-0.18	22.85	4.4	-30.7
10,082.0	0.97	116.65	10,027.6	-530.2	-484.1	0.60	-0.56	-11.46	7.6	-29.7
10,123.0	0.79	120.96	10,068.6	-530.5	-483.5	0.47	-0.44	10.51	4.7	-30.2
10,145.0	2.04	12.54	10,090.6	-530.2	-483.3	10.96	5.69	-492.82	26.8	13.8
KOP, MD:10145.0', TVD:10090.6', N/S:-530.2', E/W:-483.3', INC:2.04										
10,217.0	9.85	358.09	10,162.1	-522.8	-483.3	10.96	10.85	-20.07	17.0	19.9
10,312.0	18.38	0.90	10,254.2	-499.6	-483.3	9.01	8.98	2.96	10.0	19.0
10,406.0	27.00	3.01	10,340.8	-463.4	-481.9	9.21	9.17	2.24	3.8	17.5



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)	
10,418.6	28.23	3.57	10,352.0	-457.6	-481.6	9.99	9.78	4.46	3.1	17.1	
FTP Crossing, MD:10418.6', TVD:10352.0', N/S:-457.6', E/W:-481.6', INC:28.23											
10,500.0	36.23	6.35	10,420.8	-414.4	-477.7	9.99	9.83	3.41	-1.8	13.4	
10,595.0	37.37	357.12	10,496.9	-357.7	-476.1	5.94	1.20	-9.72	-2.4	11.0	
10,689.0	48.28	357.56	10,565.7	-293.9	-479.0	11.61	11.61	0.47	4.2	13.8	
10,783.0	62.08	1.25	10,619.3	-217.0	-479.6	15.03	14.68	3.93	6.3	13.7	
10,878.0	74.92	0.11	10,654.0	-128.8	-478.6	13.56	13.52	-1.20	1.1	12.2	
10,973.0	83.80	358.17	10,671.6	-35.5	-480.0	9.56	9.35	-2.04	-6.3	13.0	
11,067.0	85.91	356.68	10,680.0	58.0	-484.2	2.74	2.24	-1.59	-7.0	16.6	
11,161.0	86.79	358.26	10,686.0	151.7	-488.4	1.92	0.94	1.68	-0.6	20.2	
11,256.0	88.55	2.04	10,689.8	246.6	-488.1	4.39	1.85	3.98	3.7	19.3	
11,350.0	88.11	3.10	10,692.6	340.5	-483.9	1.22	-0.47	1.13	6.8	14.5	
11,444.0	87.67	2.39	10,696.0	434.3	-479.4	0.89	-0.47	-0.76	10.6	9.4	
11,538.0	90.04	1.87	10,697.9	528.2	-475.9	2.58	2.52	-0.55	12.9	5.3	
11,632.0	90.57	2.30	10,697.4	622.2	-472.5	0.73	0.56	0.46	12.8	1.3	
11,726.0	90.40	2.04	10,696.6	716.1	-468.9	0.33	-0.18	-0.28	12.4	-2.8	
11,820.0	90.40	2.83	10,696.0	810.0	-464.9	0.84	0.00	0.84	12.2	-7.4	
11,915.0	90.13	2.13	10,695.5	904.9	-460.8	0.79	-0.28	-0.74	12.1	-12.1	
12,009.0	89.52	3.10	10,695.8	998.8	-456.5	1.22	-0.65	1.03	12.8	-17.0	
12,103.0	89.96	359.93	10,696.2	1,092.8	-454.1	3.40	0.47	-3.37	13.6	-20.1	
12,197.0	89.78	359.14	10,696.5	1,186.8	-454.8	0.86	-0.19	-0.84	14.2	-19.9	
12,291.0	90.04	358.70	10,696.6	1,280.7	-456.6	0.54	0.28	-0.47	14.8	-18.8	
12,386.0	90.48	359.49	10,696.2	1,375.7	-458.1	0.95	0.46	0.83	14.8	-17.9	
12,480.0	90.92	0.11	10,695.0	1,469.7	-458.4	0.81	0.47	0.66	14.0	-18.1	
12,574.0	90.84	0.99	10,693.6	1,563.7	-457.5	0.94	-0.09	0.94	13.0	-19.6	
12,668.0	90.92	1.95	10,692.1	1,657.7	-455.1	1.02	0.09	1.02	11.9	-22.6	
12,763.0	88.81	359.67	10,692.4	1,752.6	-453.8	3.27	-2.22	-2.40	12.5	-24.6	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
12,857.0	88.02	359.76	10,695.0	1,846.6	-454.2	0.85	-0.84	0.10	15.5	-24.7
12,952.0	88.20	359.84	10,698.1	1,941.6	-454.6	0.21	0.19	0.08	19.1	-25.0
13,046.0	87.67	359.58	10,701.5	2,035.5	-455.0	0.63	-0.56	-0.28	22.7	-25.1
13,140.0	90.66	359.05	10,702.9	2,129.5	-456.2	3.23	3.18	-0.56	24.3	-24.6
13,234.0	91.54	358.97	10,701.0	2,223.4	-457.8	0.94	0.94	-0.09	22.7	-23.6
13,329.0	91.80	359.67	10,698.3	2,318.4	-458.9	0.79	0.27	0.74	20.2	-23.0
13,423.0	89.96	357.38	10,696.8	2,412.3	-461.3	3.12	-1.96	-2.44	19.0	-21.2
13,517.0	90.04	357.65	10,696.8	2,506.2	-465.4	0.30	0.09	0.29	19.2	-17.7
13,611.0	90.04	356.68	10,696.8	2,600.1	-470.1	1.03	0.00	-1.03	19.4	-13.7
13,706.0	90.84	357.47	10,696.0	2,695.0	-474.9	1.18	0.84	0.83	18.9	-9.4
13,800.0	90.75	356.94	10,694.7	2,788.9	-479.5	0.57	-0.10	-0.56	17.8	-5.5
13,894.0	91.19	357.65	10,693.1	2,882.8	-483.9	0.89	0.47	0.76	16.5	-1.6
13,988.0	91.63	358.09	10,690.8	2,976.7	-487.4	0.66	0.47	0.47	14.4	1.3
14,082.0	91.98	358.53	10,687.9	3,070.6	-490.2	0.60	0.37	0.47	11.6	3.5
14,177.0	91.45	359.67	10,685.0	3,165.5	-491.7	1.32	-0.56	1.20	9.0	4.3
14,271.0	91.28	358.79	10,682.8	3,259.5	-492.9	0.95	-0.18	-0.94	7.0	5.0
14,366.0	91.89	359.23	10,680.2	3,354.4	-494.6	0.79	0.64	0.46	4.6	6.0
14,460.0	89.34	359.93	10,679.2	3,448.4	-495.3	2.81	-2.71	0.74	3.9	6.1
14,554.0	89.69	0.64	10,679.9	3,542.4	-494.8	0.84	0.37	0.76	4.9	5.1
14,649.0	88.99	1.78	10,681.0	3,637.4	-492.8	1.41	-0.74	1.20	6.2	2.5
14,743.0	88.81	1.25	10,682.8	3,731.3	-490.3	0.60	-0.19	-0.56	8.2	-0.6
14,838.0	88.90	1.69	10,684.7	3,826.3	-487.9	0.47	0.09	0.46	10.4	-3.7
14,932.0	88.02	1.51	10,687.3	3,920.2	-485.2	0.96	-0.94	-0.19	13.1	-6.9
15,027.0	88.81	0.81	10,689.9	4,015.2	-483.3	1.11	0.83	-0.74	16.0	-9.4
15,121.0	88.81	0.37	10,691.9	4,109.1	-482.4	0.47	0.00	-0.47	18.2	-11.0
15,215.0	91.63	0.37	10,691.5	4,203.1	-481.7	3.00	3.00	0.00	18.1	-12.2
15,309.0	92.77	0.90	10,687.9	4,297.0	-480.7	1.34	1.21	0.56	14.7	-13.8



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
15,404.0	90.66	358.79	10,685.0	4,392.0	-481.0	3.14	-2.22	-2.22	12.1	-14.2
15,498.0	90.40	359.23	10,684.2	4,486.0	-482.6	0.54	-0.28	0.47	11.4	-13.1
15,593.0	91.89	359.32	10,682.3	4,580.9	-483.8	1.57	1.57	0.09	9.8	-12.5
15,687.0	88.37	358.88	10,682.1	4,674.9	-485.3	3.77	-3.74	-0.47	9.8	-11.7
15,781.0	88.11	358.17	10,684.9	4,768.8	-487.7	0.80	-0.28	-0.76	12.9	-9.8
15,876.0	88.64	358.79	10,687.6	4,863.8	-490.2	0.86	0.56	0.65	15.8	-7.9
15,970.0	86.97	358.61	10,691.2	4,957.7	-492.3	1.79	-1.78	-0.19	19.7	-6.4
16,064.0	89.34	358.17	10,694.3	5,051.6	-495.0	2.56	2.52	-0.47	22.9	-4.3
16,158.0	89.78	358.00	10,695.0	5,145.5	-498.1	0.50	0.47	-0.18	23.9	-1.8
16,253.0	91.89	359.93	10,693.6	5,240.5	-499.8	3.01	2.22	2.03	22.7	-0.7
16,347.0	93.30	359.23	10,689.3	5,334.4	-500.5	1.67	1.50	-0.74	18.7	-0.6
16,441.0	91.01	359.32	10,685.8	5,428.3	-501.7	2.44	-2.44	0.10	15.4	0.0
16,535.0	90.75	359.58	10,684.4	5,522.3	-502.6	0.39	-0.28	0.28	14.2	0.3
16,630.0	90.22	359.67	10,683.6	5,617.3	-503.2	0.57	-0.56	0.09	13.6	0.3
16,724.0	91.19	1.07	10,682.4	5,711.3	-502.6	1.81	1.03	1.49	12.7	-0.9
16,819.0	88.64	1.25	10,682.5	5,806.2	-500.7	2.69	-2.68	0.19	13.1	-3.4
16,913.0	89.60	0.72	10,684.0	5,900.2	-499.1	1.17	1.02	-0.56	14.7	-5.6
17,007.0	90.40	1.43	10,684.0	5,994.2	-497.3	1.14	0.85	0.76	15.0	-8.0
17,102.0	91.10	1.51	10,682.7	6,089.2	-494.9	0.74	0.74	0.08	14.2	-11.0
17,196.0	89.08	1.87	10,682.6	6,183.1	-492.1	2.18	-2.15	0.38	14.6	-14.4
17,290.0	89.78	1.34	10,683.5	6,277.1	-489.5	0.93	0.74	-0.56	16.1	-17.6
17,385.0	89.78	0.37	10,683.9	6,372.1	-488.1	1.02	0.00	-1.02	17.1	-19.6
17,480.0	89.78	359.49	10,684.3	6,467.1	-488.2	0.93	0.00	-0.93	18.0	-20.1
17,574.0	90.04	359.93	10,684.4	6,561.1	-488.7	0.54	0.28	0.47	18.7	-20.2
17,668.0	90.92	0.02	10,683.6	6,655.0	-488.7	0.94	0.94	0.10	18.5	-20.8
17,762.0	92.77	0.37	10,680.6	6,749.0	-488.4	2.00	1.97	0.37	16.0	-21.7
17,856.0	91.01	359.67	10,677.5	6,842.9	-488.3	2.01	-1.87	-0.74	13.5	-22.4



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3669.0usft
Site:	Pegasus 3 Fed Com	MD Reference:	KB = 26' @ 3669.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
17,950.0	91.36	359.58	10,675.6	6,936.9	-489.0	0.38	0.37	-0.10	12.1	-22.3
18,044.0	89.78	359.67	10,674.6	7,030.9	-489.6	1.68	-1.68	0.10	11.7	-22.3
18,139.0	89.96	357.30	10,674.8	7,125.9	-492.1	2.50	0.19	-2.49	12.5	-20.4
18,233.0	88.02	357.38	10,676.5	7,219.7	-496.4	2.07	-2.06	0.09	14.7	-16.6
18,327.0	88.29	356.68	10,679.5	7,313.6	-501.3	0.80	0.29	-0.74	18.3	-12.4
18,422.0	89.78	357.91	10,681.1	7,408.4	-505.8	2.03	1.57	1.29	20.4	-8.5
18,516.0	89.08	358.44	10,682.1	7,502.4	-508.8	0.93	-0.74	0.56	21.9	-6.1
18,610.0	89.69	358.09	10,683.1	7,596.3	-511.6	0.75	0.65	-0.37	23.5	-3.8
18,704.0	91.28	357.82	10,682.3	7,690.3	-515.0	1.72	1.69	-0.29	23.3	-1.1
18,798.0	89.78	358.26	10,681.4	7,784.2	-518.2	1.66	-1.60	0.47	22.9	1.5
18,893.0	90.48	358.97	10,681.2	7,879.2	-520.5	1.05	0.74	0.75	23.3	3.2
18,987.0	91.71	0.11	10,679.4	7,973.2	-521.3	1.78	1.31	1.21	22.1	3.4
19,082.0	93.56	359.84	10,675.0	8,068.1	-521.3	1.97	1.95	-0.28	18.3	2.8
19,176.0	91.19	1.25	10,671.1	8,162.0	-520.4	2.93	-2.52	1.50	14.9	1.3
19,270.0	88.72	0.99	10,671.2	8,255.9	-518.6	2.64	-2.63	-0.28	15.5	-1.1
19,365.0	88.55	1.16	10,673.5	8,350.9	-516.8	0.25	-0.18	0.18	18.4	-3.5
19,459.0	89.25	0.55	10,675.3	8,444.9	-515.4	0.99	0.74	-0.65	20.7	-5.5
19,554.0	90.66	0.64	10,675.3	8,539.9	-514.4	1.49	1.48	0.09	21.4	-7.1
19,648.0	89.25	359.32	10,675.4	8,633.9	-514.4	2.05	-1.50	-1.40	22.0	-7.6
19,743.0	88.55	359.23	10,677.2	8,728.8	-515.6	0.74	-0.74	-0.09	24.4	-7.1
19,837.0	90.22	359.40	10,678.2	8,822.8	-516.8	1.79	1.78	0.18	26.0	-6.5
19,931.0	91.10	358.97	10,677.2	8,916.8	-518.1	1.04	0.94	-0.46	25.4	-5.8
20,026.0	89.69	359.32	10,676.5	9,011.8	-519.5	1.53	-1.48	0.37	25.3	-5.0
20,120.0	90.31	359.23	10,676.5	9,105.8	-520.7	0.67	0.66	-0.10	25.9	-4.4
20,215.0	90.84	359.14	10,675.6	9,200.8	-522.1	0.57	0.56	-0.09	25.5	-3.6
20,309.0	89.52	359.40	10,675.3	9,294.7	-523.2	1.43	-1.40	0.28	25.8	-3.0
20,403.0	89.96	359.58	10,675.7	9,388.7	-524.1	0.51	0.47	0.19	26.8	-2.8



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Pegasus 3 Fed Com
Well: #503H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #503H
TVD Reference: KB = 26' @ 3669.0usft
MD Reference: KB = 26' @ 3669.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

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)
20,498.0	90.22	359.84	10,675.5	9,483.7	-524.6	0.39	0.27	0.27	27.2	-2.9
20,592.0	89.52	358.35	10,675.8	9,577.7	-526.1	1.75	-0.74	-1.59	27.9	-2.0
20,686.0	90.04	358.44	10,676.1	9,671.7	-528.7	0.56	0.55	0.10	28.9	0.0
20,781.0	90.13	357.56	10,676.0	9,766.6	-532.0	0.93	0.09	-0.93	29.3	2.7
Last MWD Survey (MD=20781.0')										
20,895.0	90.13	357.56	10,675.7	9,880.5	-536.9	0.00	0.00	0.00	29.7	6.8
Projection to Bit (MD=20895.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,145.0	10,090.6	-530.2	-483.3	KOP, MD:10145.0', TVD:10090.6', N/S:-530.2', E/W:-483.3', INC:2.04
10,418.6	10,352.0	-457.6	-481.6	FTP Crossing, MD:10418.6', TVD:10352.0', N/S:-457.6', E/W:-481.6', INC:28.23
20,781.0	10,676.0	9,766.6	-532.0	Last MWD Survey (MD=20781.0')
20,895.0	10,675.7	9,880.5	-536.9	Projection to Bit (MD=20895.0')

Checked By: _____ Approved By: _____ Date: _____

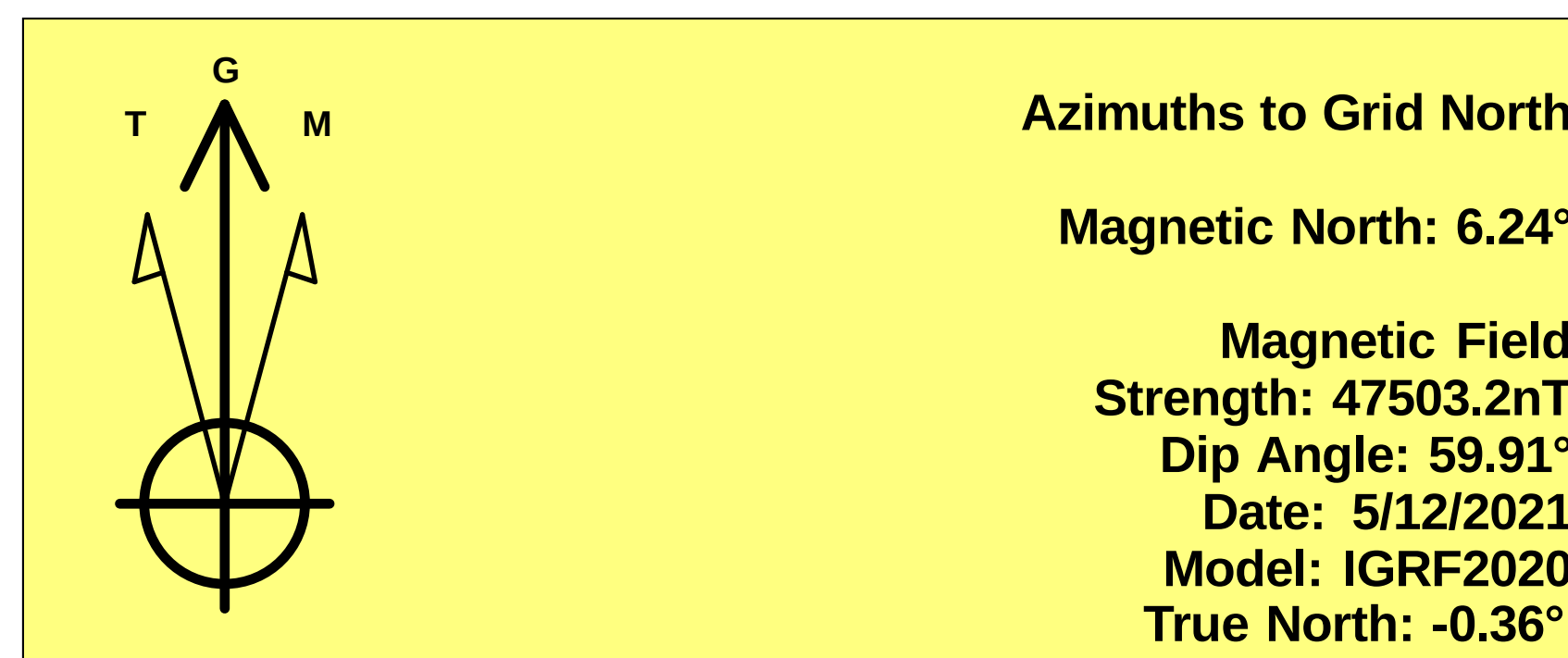
I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 11/11/2021



Lea County, NM (NAD 83 NME)

Pegasus 3 Fed Com #503H

Plan #1



To convert a Magnetic Direction to a Grid Direction, Add 6.24°
To convert a Magnetic Direction to a True Direction, Add 6.60° East
To convert a True Direction to a Grid Direction, Subtract 0.36°

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: #503H

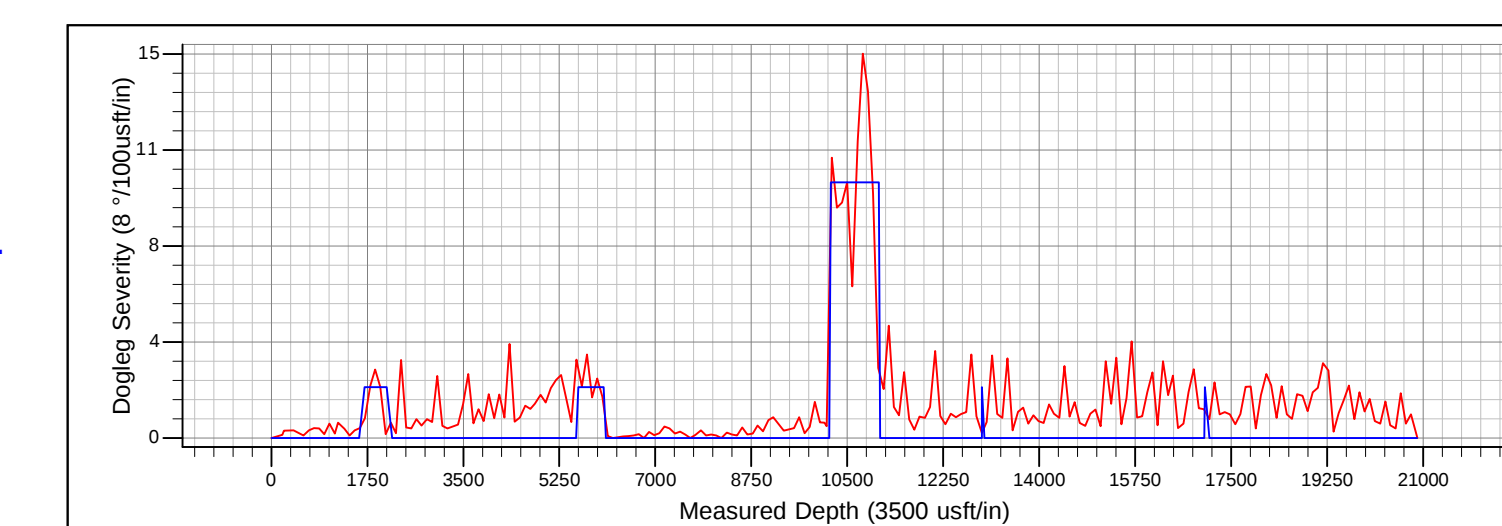
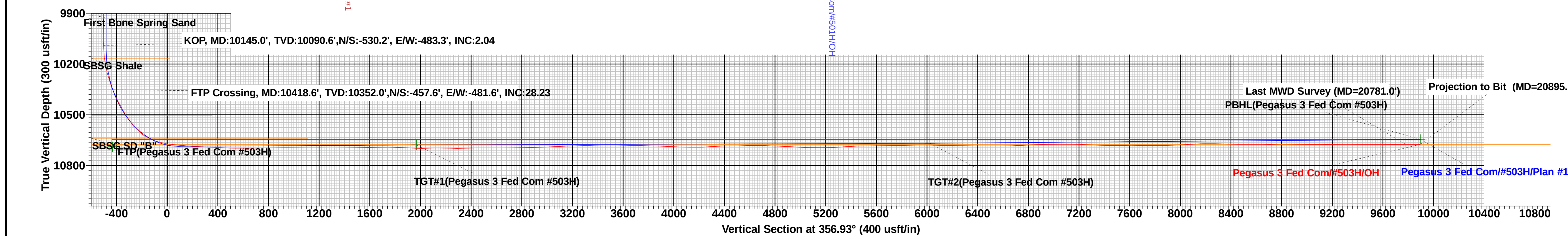
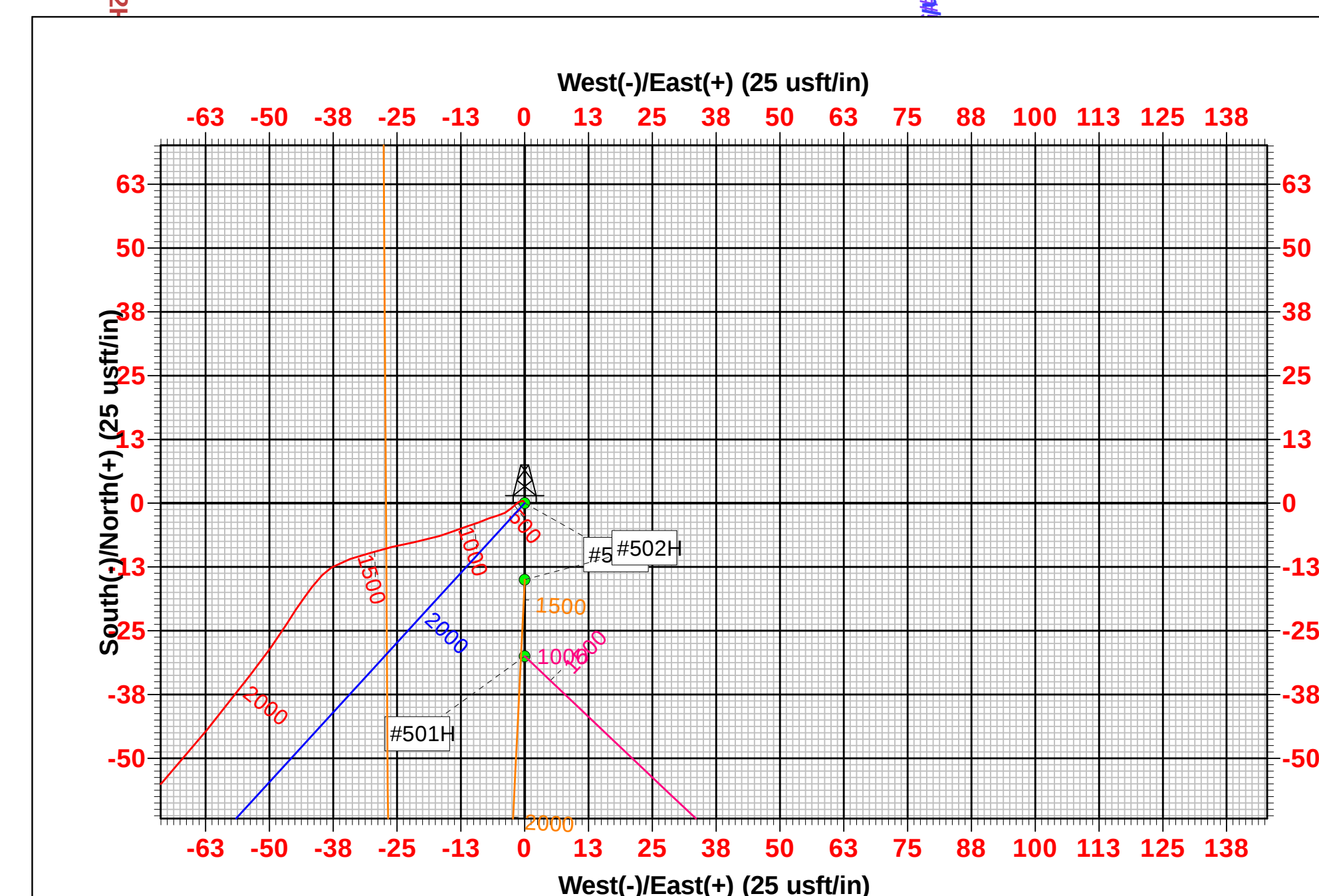
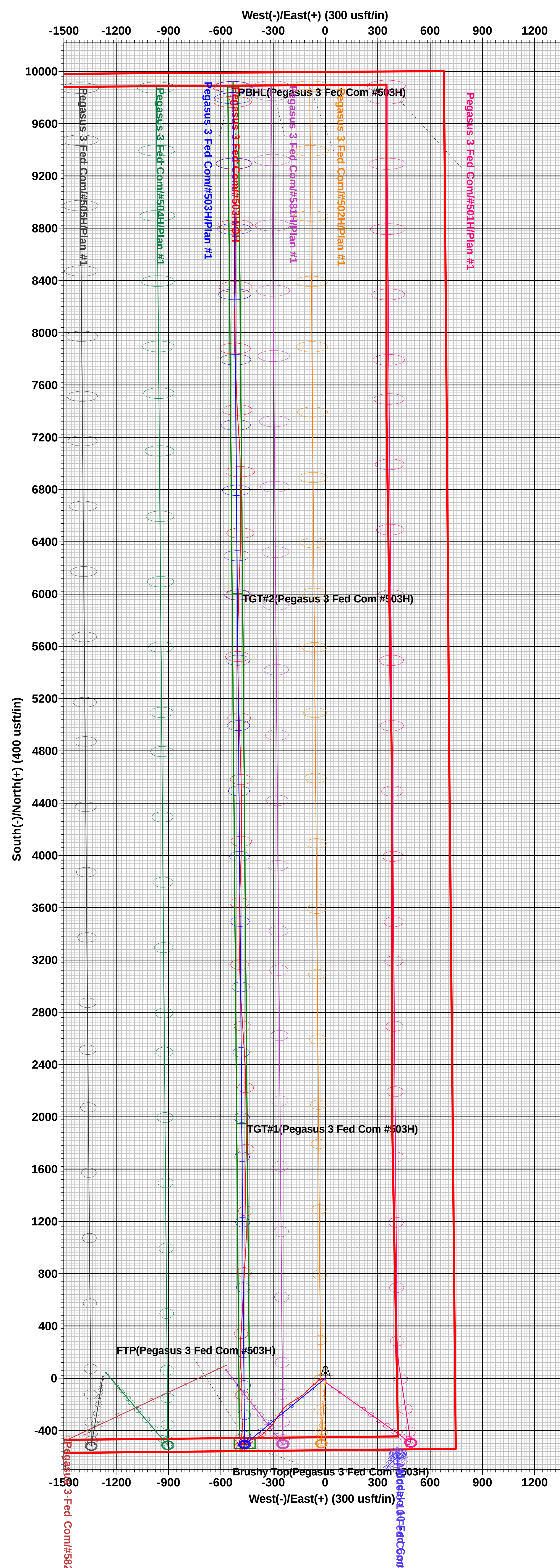
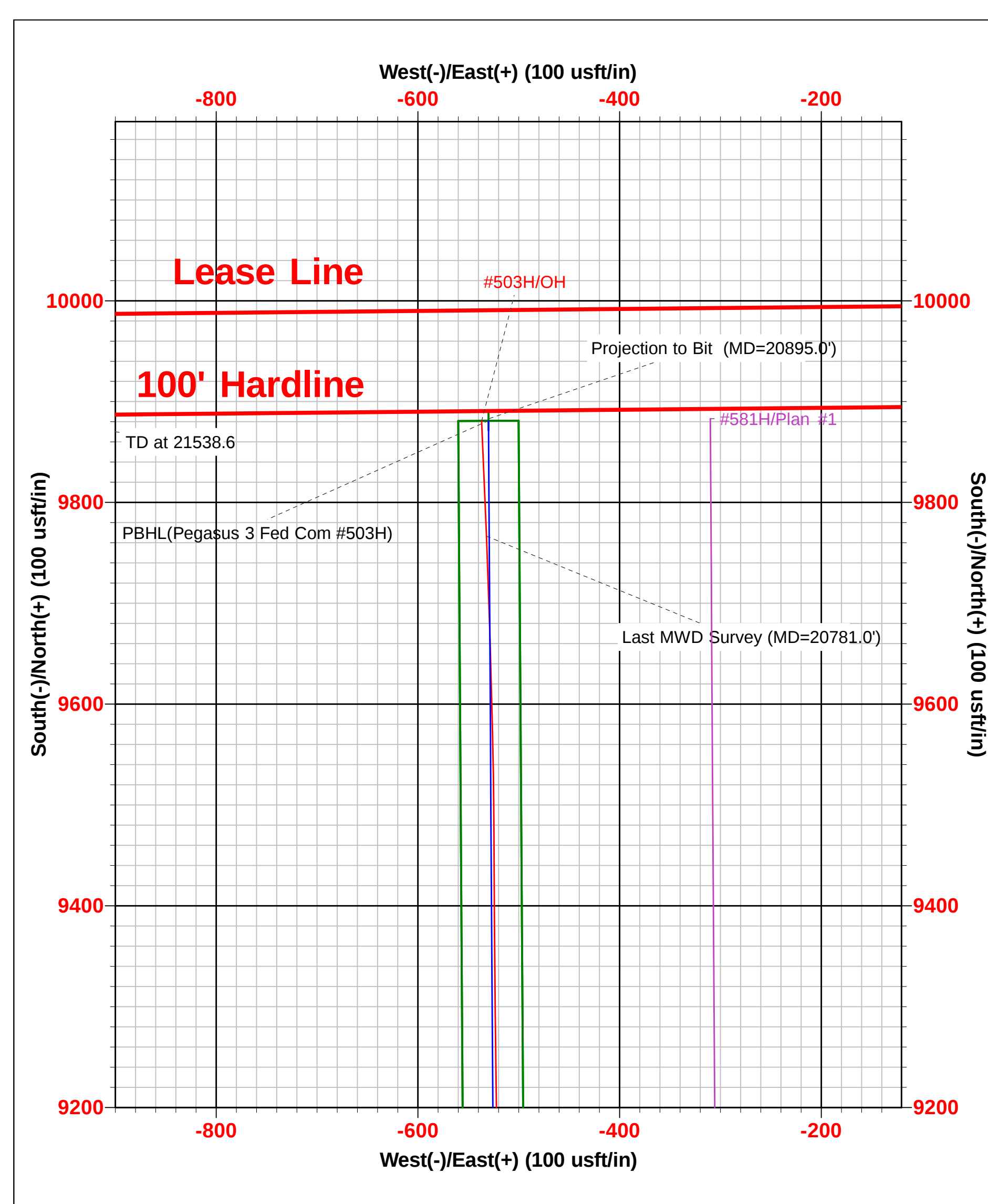
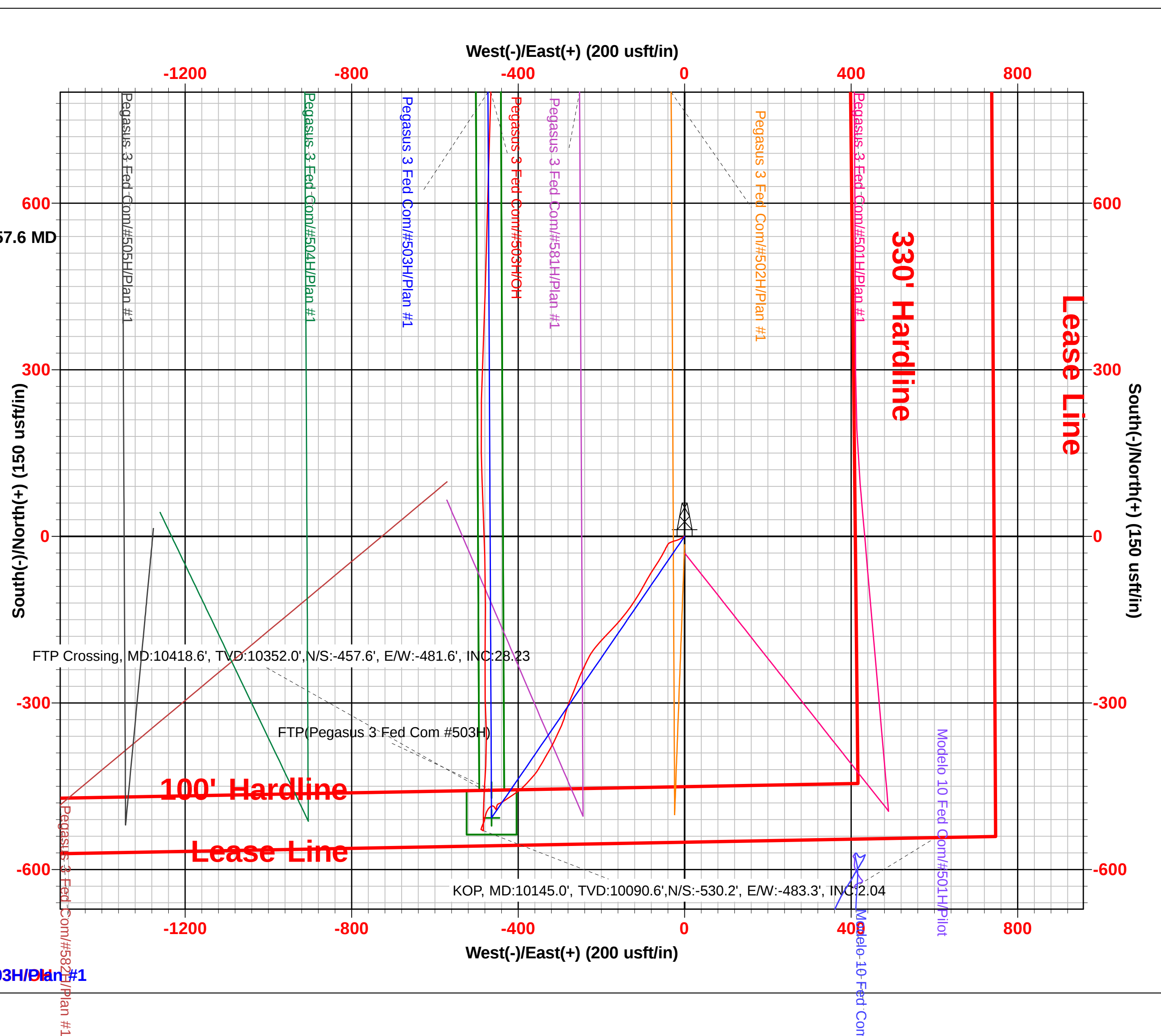
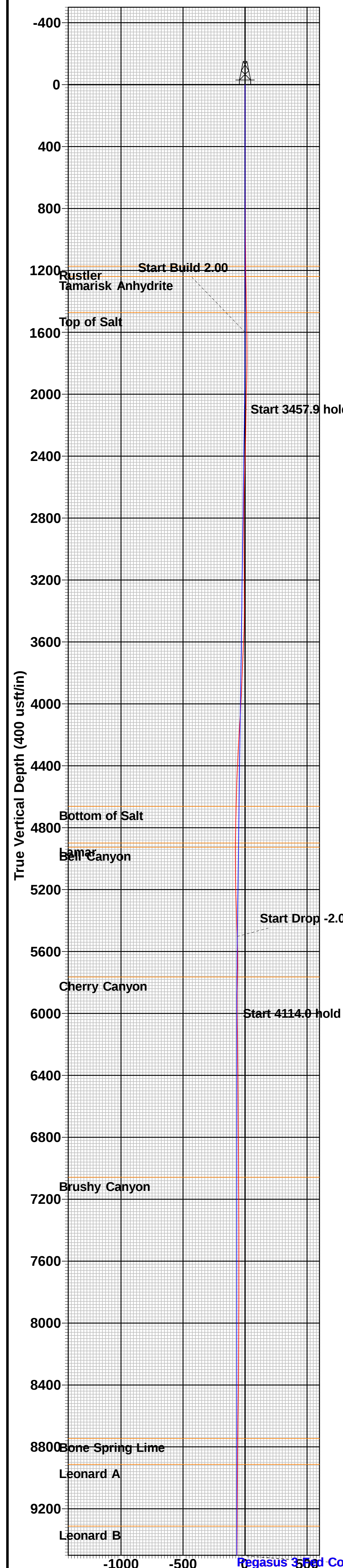
KB = 26' @ 3669.0usft
Northing 452032.00 Easting 750643.00 Latitude 32° 14' 27.234 N Longitude 103° 39' 22.893 W

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	1600.0	0.00	0.00	1600.0	0.0	0.0	0.00	0.00	0.0	
3	2099.9	10.00	222.46	2097.3	-32.1	-29.4	2.00	222.46	-30.5	
4	5557.7	10.00	222.46	5502.7	-474.9	-434.6	0.00	0.00	-451.0	
5	6057.6	0.00	0.00	6000.0	-507.0	-464.0	2.00	180.00	-481.4	
6	10171.6	0.00	0.00	10114.0	-507.0	-464.0	0.00	0.00	-481.4	
7	11074.0	90.24	359.64	10687.0	68.4	-467.7	10.00	359.64	93.3	
8	12952.8	90.24	359.64	10679.0	1947.1	-479.6	0.00	0.00	1970.0	TGT#1(Pegasus 3 Fed Com #503H)
9	12957.8	90.14	359.64	10679.0	1952.2	-479.6	2.00	-180.00	1975.1	TGT#2(Pegasus 3 Fed Com #503H)
10	17010.4	90.14	359.64	10669.0	6004.6	-505.4	0.00	0.00	6023.0	
11	17020.3	90.34	359.64	10669.0	6014.6	-505.4	2.00	0.00	6033.0	
12	20886.9	90.34	359.64	10646.0	9881.0	-530.0	0.00	0.00	9895.2	PBHL(Pegasus 3 Fed Com #503H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Pegasus 3 Fed Com #503H)	7058.0	-507.0	-464.0	451525.00	750179.00
PBHL(Pegasus 3 Fed Com #503H)	10646.0	9881.0	-530.0	461913.00	750113.00
TGT#2(Pegasus 3 Fed Com #503H)	10669.0	6004.6	-505.4	458036.60	750137.63
TGT#1(Pegasus 3 Fed Com #503H)	10679.0	1947.1	-479.6	453979.10	750163.41
FTP(Pegasus 3 Fed Com #503H)	10689.0	-457.0	-464.0	451575.00	750179.00



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		
								PEGASUS 3 FED COM 6. Well Number: 503H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator						9. OGRID				
EOG RESOURCES INC						7377				
10. Address of Operator						11. Pool name or Wildcat				
PO BOX 2267 MIDLAND, TEXAS 79702						TRISTE DRAW; BONE SPRING (96603)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	03	24S	32E		551	SOUTH	743	EAST	LEA
BH:	A	34	23S	32E		108	NORTH	1217	EAST	LEA
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
03/28/2021	05/11/2021		05/13/2021			10/25/2021		3643' GL		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
MD 20,895' TVD 10,675'			MD 20,859' TVD 10,675'			YES		None		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
BONE SPRING 10,769 - 20,859'										
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		1276'		17 1/2"		1050 SXS CL C/CIRC		
9 5/8"		40# ECP 110		4859'		12 1/4"		1350 SXS CL C/CIRC		
5 1/2"		20# ECP 110		20,869'		8 1/2"		2845 SXS CL H TOC 1780'		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)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
10,769 - 20,859' 3 1/8", 2118 holes						DEPTH INTERVAL				
						AMOUNT AND KIND MATERIAL USED				
						10,769 - 20,859' FRAC W/25,368,406 lbs proppant, 415,017 bbls load fld				
PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
10/25/2021		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
11/04/2021	24	64		3792	5654	9241	1491			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	1005					44				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
SOLD										
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 11/16/2021	
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	1173'	T. Canyon	Brushy	7058'	T. Ojo Alamo	T. Penn A "
T. Salt		1472'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4662'	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	9911'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,503'		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

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 62122

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 62122
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I

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

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Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 62122

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 62122
	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.	6/3/2022