

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

☐ 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 01/23/2023	
⁴ API Number 30 - 025-49927	⁵ Pool Name BOBCAT DRAW; UPPER WOLFCAMP		⁶ Pool Code 98094
⁷ Property Code 330827	⁸ Property Name LACEY SWISS 1 FEDERAL COM		⁹ Well Number 721H

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	1	25S	33E		221'	NORTH	565'	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
P	12	25S	33E		111'	SOUTH	643'	EAST	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 07/08/2022	²² Ready Date 01/23/2023	²³ TD 22,873'	²⁴ PBTD 22,840'	²⁵ Perforations 12,808 - 22,840'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12 1/4"		9 5/8"	1342'		540 SXS CL C/CIRC
8 3/4"		7 5/8"	11,849'		1790 SXS CL C&H/94' ECHO
6 3/4"		5 1/2"	22,849'		980 SXS CL H TOC 0 CBL

V. Well Test Data

³¹ Date New Oil 01/23/2023	³² Gas Delivery Date 01/23/2023	³³ Test Date 01/29/2023	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2136
³⁷ Choke Size 56	³⁸ Oil 2978	³⁹ Water 6891	⁴⁰ Gas 7379		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: 02/13/2023	Phone: 432-638-8475	OIL CONSERVATION DIVISION	
	Approved by: PATRICIA MARTINEZ		
	Title: PETROLEUM SPECIALIST		
	Approval Date: 3/10/2025		

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-DRILLED PLAT

¹ API Number 30-025-49927	² Pool Code 98094	³ Pool Name BOBCAT DRAW; UPPER WOLFCAMP
⁴ Property Code 330827	⁵ Property Name LACEY SWISS 1 FED COM	⁶ Well Number 721H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3475'

¹⁰Surface Location

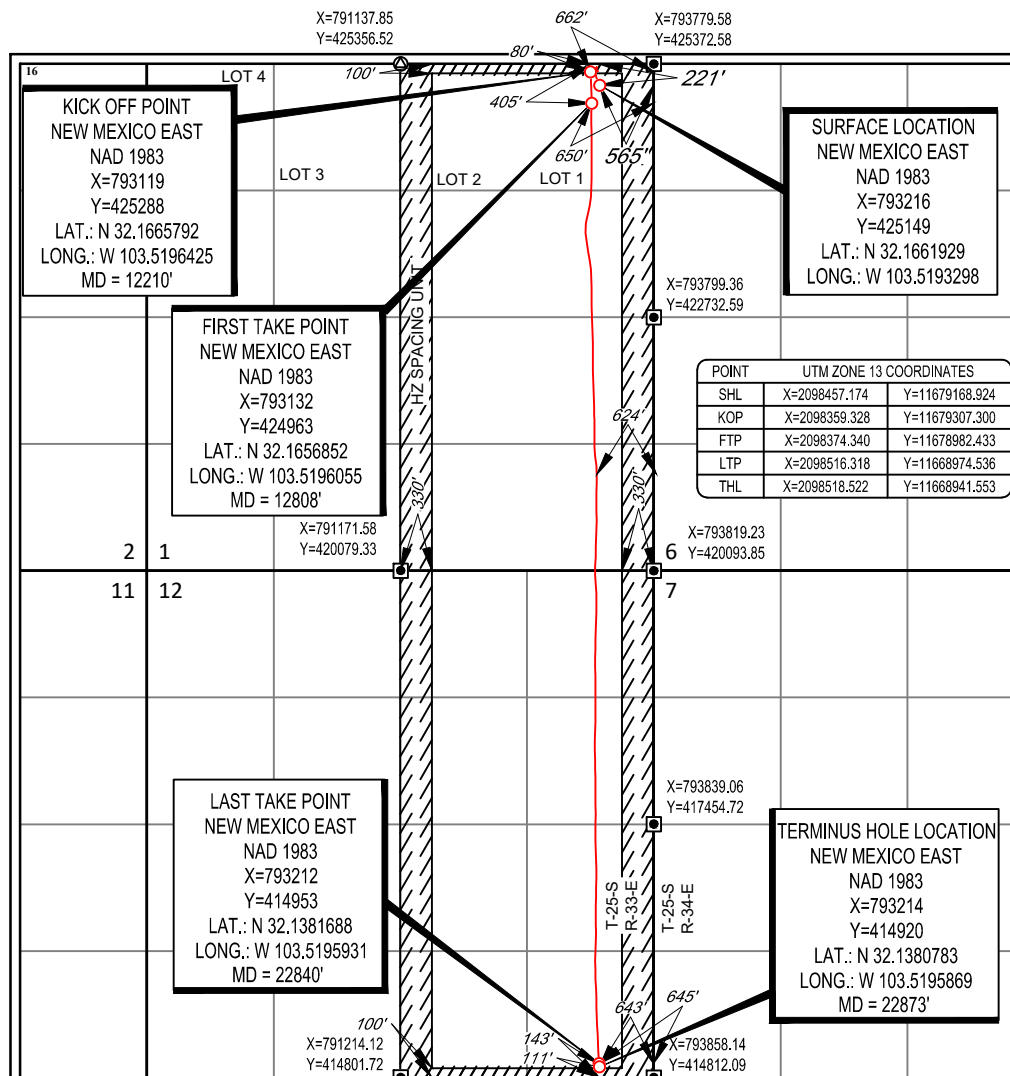
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	1	25-S	33-E	-	221'	NORTH	565'	EAST	LEA

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	12	25-S	33-E	-	111'	SOUTH	643'	EAST	LEA

¹² Dedicated Acres 639.91	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.

Signature _____ Date 02/07/2023

KAY MADDOX

Printed Name

KAY MADDOX@EOGRESOURCES.COM

E-mail Address

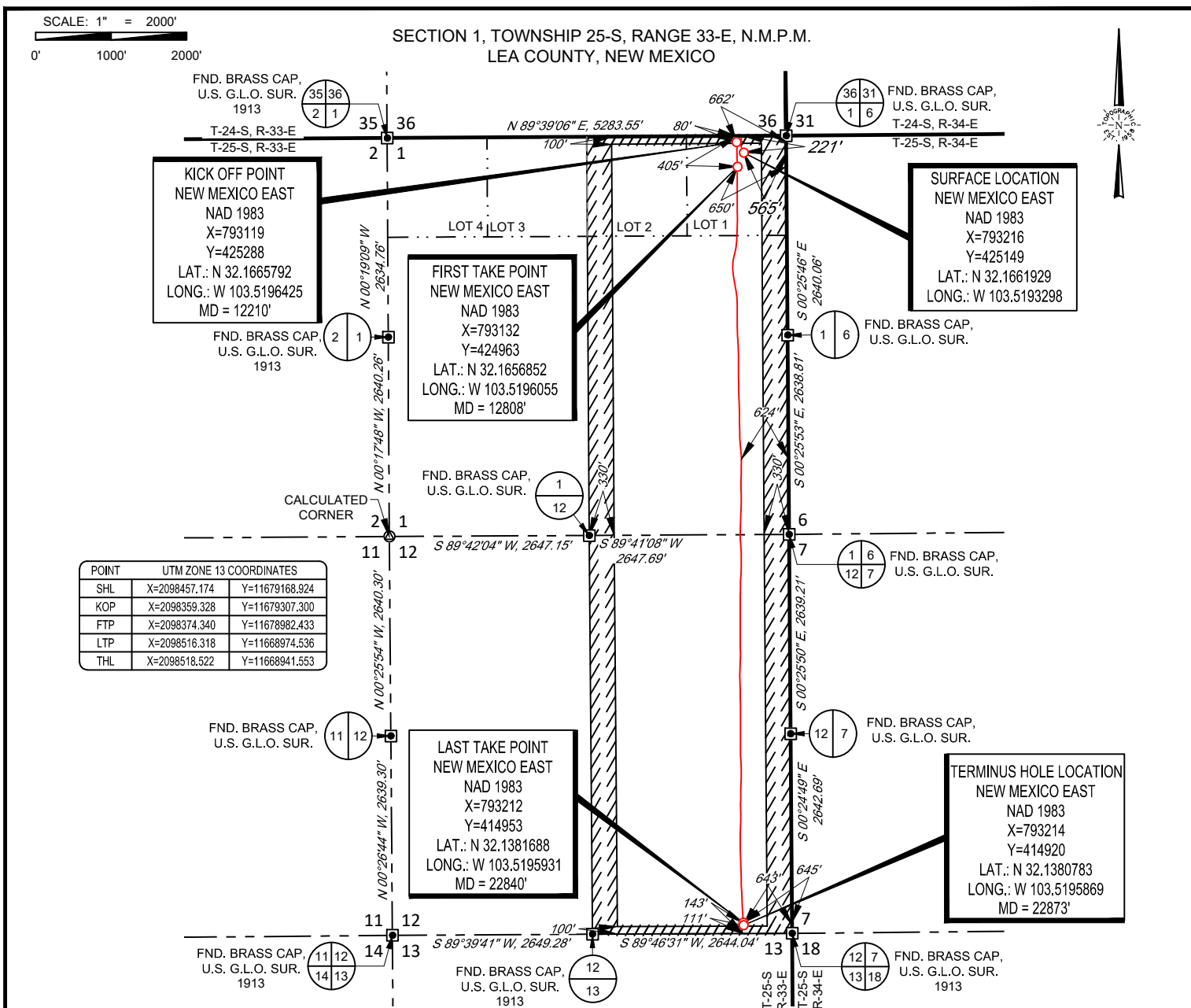
¹⁸SURVEYOR CERTIFICATION

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.

07/03/2022

Date of Survey _____
Signature and Seal of Professional Surveyor

PROFESSIONAL SURVEYOR
NEW MEXICO
24508
Certificate Number



LEASE NAME & WELL NO.: LACEY SWISS 1 FED COM 721H

SECTION 1 TWP 25-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3475'

DESCRIPTION 221' FNL & 565' FEL



481 WINSOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508
JANUARY 20, 2023

LACEY SWISS 1 FED COM 721H AS-DRILLED	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.
DATE: 01/20/2022			
FILE:AD_LACEY_SWISS_1_FED_COM_721H			
DRAWN BY: SAR			
SHEET : 2 OF 2			



Midland

Lea County, NM (NAD 83 NME)
Lacey Swiss 1 Fed Com
#721H
OH

Survey: Driltech MWD

Final PVA

15 September, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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	Lacey Swiss 1 Fed Com		
Site Position:		Northing:	425,128.00 usft
From:	Map	Easting:	793,117.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 58.098 N
		Longitude:	103° 31' 10.745 W
		Grid Convergence:	0.43 °

Well		#721H				
Well Position	+N/-S	0.0 usft	Northing:	425,149.00 usft	Latitude:	32° 9' 58.299 N
	+E/-W	0.0 usft	Easting:	793,216.00 usft	Longitude:	103° 31' 9.592 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,475.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/21/2022	6.38	59.82	47,341.28790483

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	180.11	

Survey Program	Date	9/15/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
182.0	22,873.0	Driltech MWD (OH)	EOG MWD+IFR1	MWD + IFR1	



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Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	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	
182.0	1.06	276.48	182.0	0.2	-1.7	0.58	0.58	0.00	-1.7	0.0	
298.0	0.97	314.54	298.0	1.0	-3.4	0.58	-0.08	32.81	-3.2	1.7	
387.0	0.88	358.75	387.0	2.2	-4.0	0.79	-0.10	49.67	-2.3	3.9	
562.0	0.70	14.65	561.9	4.6	-3.7	0.16	-0.10	9.09	-3.5	4.8	
661.0	0.70	21.07	660.9	5.7	-3.4	0.08	0.00	6.48	-4.1	5.2	
852.0	0.62	51.57	851.9	7.5	-2.2	0.19	-0.04	15.97	-3.0	7.2	
948.0	0.79	31.20	947.9	8.4	-1.4	0.31	0.18	-21.22	-6.4	5.5	
1,043.0	0.62	62.29	1,042.9	9.2	-0.6	0.43	-0.18	32.73	-3.7	8.4	
1,139.0	0.26	61.24	1,138.9	9.5	0.0	0.38	-0.37	-1.09	-4.6	8.3	
1,235.0	0.35	55.52	1,234.9	9.8	0.5	0.10	0.09	-5.96	-5.9	7.8	
1,424.0	0.62	233.33	1,423.9	9.5	0.1	0.51	0.14	94.08	5.8	-7.4	
1,520.0	0.88	268.92	1,519.9	9.2	-1.0	0.54	0.27	37.07	0.3	-7.0	
1,615.0	1.23	317.17	1,614.9	9.9	-2.4	0.97	0.37	50.79	-1.8	-3.2	
1,711.0	1.85	326.49	1,710.8	11.9	-4.0	0.69	0.65	9.71	0.1	-2.4	
1,806.0	2.37	329.48	1,805.8	14.9	-5.8	0.56	0.55	3.15	1.5	-2.2	
1,902.0	3.52	334.05	1,901.7	19.3	-8.1	1.22	1.20	4.76	1.4	-2.5	
1,998.0	3.61	338.88	1,997.5	24.7	-10.5	0.33	0.09	5.03	0.2	-3.1	
2,093.0	4.13	335.37	2,092.3	30.6	-13.0	0.60	0.55	-3.69	-1.1	-3.7	
2,189.0	4.48	334.84	2,188.0	37.2	-16.1	0.37	0.36	-0.55	-3.3	-4.1	
2,284.0	4.66	336.60	2,282.7	44.1	-19.2	0.24	0.19	1.85	-6.0	-4.4	
2,380.0	5.19	336.60	2,378.3	51.6	-22.4	0.55	0.55	0.00	-9.3	-4.9	
2,476.0	5.28	338.27	2,473.9	59.7	-25.8	0.18	0.09	1.74	-13.2	-5.2	
2,571.0	5.63	339.06	2,568.5	68.1	-29.1	0.38	0.37	0.83	-17.4	-5.7	
2,665.0	5.98	341.78	2,662.0	77.1	-32.3	0.47	0.37	2.89	-22.4	-5.6	
2,760.0	6.33	346.00	2,756.5	86.9	-35.1	0.60	0.37	4.44	-28.1	-4.9	
2,856.0	6.77	350.13	2,851.8	97.6	-37.3	0.67	0.46	4.30	-34.6	-4.1	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	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)	
2,952.0	6.95	354.26	2,947.2	109.0	-38.9	0.55	0.19	4.30	-41.7	-3.3	
3,047.0	6.24	2.53	3,041.5	119.8	-39.2	1.25	-0.75	8.71	-48.4	1.0	
3,142.0	5.89	7.36	3,136.0	129.8	-38.4	0.65	-0.37	5.08	-54.2	2.5	
3,237.0	6.60	9.47	3,230.4	140.0	-36.9	0.79	0.75	2.22	-60.5	1.6	
3,332.0	6.77	7.71	3,324.8	151.0	-35.2	0.28	0.18	-1.85	-67.7	-3.4	
3,428.0	6.51	15.71	3,420.1	161.8	-33.0	1.00	-0.27	8.33	-75.0	3.3	
3,523.0	4.92	16.24	3,514.7	170.9	-30.4	1.67	-1.67	0.56	-81.0	0.4	
3,618.0	3.61	10.61	3,609.4	177.8	-28.7	1.45	-1.38	-5.93	-83.9	-11.1	
3,713.0	1.32	348.29	3,704.3	181.8	-28.4	2.57	-2.41	-23.49	-72.5	-44.7	
3,808.0	0.44	259.52	3,799.3	182.8	-28.9	1.46	-0.93	-93.44	44.4	-69.9	
3,904.0	1.58	227.00	3,895.3	181.8	-30.3	1.28	1.19	-33.87	72.2	-30.4	
3,999.0	3.25	240.88	3,990.2	179.6	-33.6	1.85	1.76	14.61	58.8	-41.6	
4,095.0	3.34	237.72	4,086.0	176.8	-38.3	0.21	0.09	-3.29	55.2	-33.4	
4,191.0	3.25	245.63	4,181.9	174.2	-43.2	0.48	-0.09	8.24	45.1	-35.4	
4,286.0	3.43	253.54	4,276.7	172.3	-48.3	0.52	0.19	8.33	35.4	-36.0	
4,382.0	3.69	261.01	4,372.5	171.0	-54.1	0.55	0.27	7.78	26.2	-35.3	
4,478.0	2.11	258.11	4,468.4	170.1	-58.9	1.65	-1.65	-3.02	24.7	-29.2	
4,574.0	1.58	139.02	4,564.4	168.8	-59.8	3.33	-0.55	-124.05	8.1	33.2	
4,669.0	2.20	113.88	4,659.3	167.0	-57.3	1.07	0.65	-26.46	-13.7	30.0	
4,765.0	3.52	115.55	4,755.2	165.0	-52.9	1.38	1.37	1.74	-21.7	27.6	
4,861.0	6.51	121.00	4,850.8	160.9	-45.6	3.15	3.11	5.68	-31.6	27.5	
4,956.0	8.44	124.25	4,945.0	154.2	-35.2	2.08	2.03	3.42	-46.7	27.6	
5,052.0	4.40	126.89	5,040.4	148.1	-26.4	4.22	-4.21	2.75	-60.8	27.9	
5,147.0	2.20	136.82	5,135.2	144.5	-22.3	2.38	-2.32	10.45	-65.3	37.3	
5,242.0	0.53	147.72	5,230.2	142.8	-20.8	1.77	-1.76	11.47	-62.7	49.1	
5,338.0	0.44	302.32	5,326.2	142.7	-20.9	0.99	-0.09	161.04	78.1	-17.1	
5,433.0	0.53	305.22	5,421.2	143.1	-21.5	0.10	0.09	3.05	76.3	-21.0	

Company:	Midland	Local Co-ordinate Reference:	Well #721H
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Well:	#721H	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)
5,529.0	0.70	287.99	5,517.2	143.5	-22.5	0.26	0.18	-17.95	78.1	2.4
5,623.0	0.62	296.52	5,611.2	144.0	-23.5	0.13	-0.09	9.07	76.5	-9.1
5,719.0	0.70	277.62	5,707.2	144.3	-24.5	0.24	0.08	-19.69	74.3	16.0
5,814.0	0.70	296.61	5,802.2	144.6	-25.6	0.24	0.00	19.99	74.3	-8.8
5,910.0	0.26	309.53	5,898.2	145.0	-26.3	0.47	-0.46	13.46	69.7	-25.1
6,005.0	0.53	304.43	5,993.2	145.4	-26.8	0.29	0.28	-5.37	71.0	-18.8
6,100.0	0.88	300.65	6,088.2	146.0	-27.8	0.37	0.37	-3.98	70.9	-14.1
6,195.0	0.62	303.55	6,183.2	146.7	-28.9	0.28	-0.27	3.05	68.9	-17.7
6,291.0	0.44	315.24	6,279.2	147.2	-29.6	0.22	-0.19	12.18	63.0	-31.1
6,386.0	0.70	321.57	6,374.1	147.9	-30.2	0.28	0.27	6.66	58.2	-37.8
6,482.0	1.67	322.45	6,470.1	149.5	-31.4	1.01	1.01	0.92	55.6	-38.7
6,577.0	1.41	321.39	6,565.1	151.5	-33.0	0.28	-0.27	-1.12	53.8	-37.7
6,769.0	1.58	337.83	6,757.0	155.8	-35.4	0.24	0.09	8.56	36.0	-50.7
6,864.0	1.49	343.80	6,852.0	158.2	-36.3	0.19	-0.09	6.28	28.0	-54.1
6,959.0	1.67	334.93	6,947.0	160.6	-37.2	0.32	0.19	-9.34	33.4	-49.3
7,055.0	2.02	320.69	7,042.9	163.2	-38.9	0.60	0.36	-14.83	41.4	-39.9
7,150.0	2.11	309.61	7,137.8	165.6	-41.3	0.43	0.09	-11.66	44.9	-31.5
7,245.0	2.46	304.43	7,232.8	167.9	-44.3	0.43	0.37	-5.45	43.8	-27.5
7,341.0	2.11	300.74	7,328.7	170.0	-47.5	0.40	-0.36	-3.84	41.7	-24.8
7,437.0	1.93	293.00	7,424.6	171.5	-50.5	0.34	-0.19	-8.06	41.3	-19.2
7,533.0	2.20	296.61	7,520.6	173.0	-53.7	0.31	0.28	3.76	36.5	-21.6
7,628.0	2.02	299.51	7,615.5	174.6	-56.8	0.22	-0.19	3.05	31.9	-23.3
7,724.0	1.58	295.99	7,711.5	176.0	-59.4	0.47	-0.46	-3.67	30.2	-21.4
7,820.0	1.41	280.88	7,807.4	176.8	-61.8	0.45	-0.18	-15.74	32.3	-13.2
7,916.0	0.79	268.73	7,903.4	177.0	-63.6	0.69	-0.65	-12.66	32.6	-6.3
8,012.0	0.97	234.28	7,999.4	176.5	-64.9	0.57	0.19	-35.89	29.1	12.9
8,107.0	0.97	218.64	8,094.4	175.4	-66.1	0.28	0.00	-16.46	22.9	20.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
8,203.0	1.06	214.33	8,190.4	174.1	-67.1	0.12	0.09	-4.49	19.7	21.6	
8,299.0	1.23	207.91	8,286.3	172.4	-68.1	0.22	0.18	-6.69	15.2	23.6	
8,394.0	1.23	203.52	8,381.3	170.6	-68.9	0.10	0.00	-4.62	11.3	24.6	
8,490.0	1.49	207.39	8,477.3	168.5	-69.9	0.29	0.27	4.03	10.7	23.8	
8,586.0	1.49	215.65	8,573.3	166.4	-71.2	0.22	0.00	8.60	11.5	22.2	
8,682.0	1.41	220.06	8,669.2	164.5	-72.7	0.14	-0.08	4.59	10.8	21.4	
8,778.0	1.58	223.48	8,765.2	162.6	-74.4	0.20	0.18	3.56	9.5	20.8	
8,873.0	1.49	220.32	8,860.2	160.7	-76.1	0.13	-0.09	-3.33	5.8	21.2	
8,969.0	1.32	218.74	8,956.1	158.9	-77.6	0.18	-0.18	-1.65	2.9	21.3	
9,066.0	1.41	222.42	9,053.1	157.2	-79.1	0.13	0.09	3.79	1.9	21.1	
9,161.0	1.32	221.89	9,148.1	155.5	-80.6	0.10	-0.09	-0.56	-0.5	21.1	
9,257.0	0.97	201.50	9,244.1	153.9	-81.6	0.55	-0.36	-21.24	-9.7	19.3	
9,353.0	0.79	201.50	9,340.1	152.5	-82.2	0.19	-0.19	0.00	-11.2	19.3	
9,448.0	0.53	188.49	9,435.1	151.5	-82.5	0.31	-0.27	-13.69	-16.3	16.1	
9,543.0	0.44	185.33	9,530.0	150.7	-82.6	0.10	-0.09	-3.33	-18.0	15.1	
9,639.0	0.53	174.34	9,626.0	149.9	-82.6	0.13	0.09	-11.45	-21.3	11.4	
9,735.0	0.44	241.31	9,722.0	149.3	-82.9	0.56	-0.09	69.76	1.6	24.5	
9,830.0	0.88	230.85	9,817.0	148.6	-83.7	0.48	0.46	-11.01	-4.0	24.3	
9,926.0	1.49	214.86	9,913.0	147.1	-85.0	0.72	0.64	-16.66	-12.5	22.1	
10,021.0	1.93	214.68	10,008.0	144.8	-86.6	0.46	0.46	-0.19	-15.4	22.0	
10,117.0	1.41	203.34	10,103.9	142.4	-88.0	0.64	-0.54	-11.81	-22.2	18.3	
10,213.0	1.41	204.31	10,199.9	140.2	-89.0	0.02	0.00	1.01	-24.2	18.6	
10,309.0	1.06	213.27	10,295.9	138.4	-90.0	0.42	-0.36	9.33	-23.1	22.4	
10,405.0	1.85	237.00	10,391.8	136.8	-91.7	1.02	0.82	24.72	-14.5	30.1	
10,500.0	2.73	232.88	10,486.8	134.6	-94.8	0.94	0.93	-4.34	-20.4	28.9	
10,596.0	2.46	235.51	10,582.7	132.1	-98.4	0.31	-0.28	2.74	-23.4	29.9	
10,691.0	1.93	252.21	10,677.6	130.4	-101.6	0.87	-0.56	17.58	-17.4	36.0	

Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	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)
10,785.0	1.32	273.30	10,771.6	130.0	-104.2	0.90	-0.65	22.44	-5.8	40.4
10,881.0	1.23	246.06	10,867.5	129.7	-106.2	0.63	-0.09	-28.37	-25.7	32.7
10,976.0	0.70	208.71	10,962.5	128.7	-107.4	0.84	-0.56	-39.32	-41.7	9.8
11,072.0	0.97	101.48	11,058.5	128.1	-106.9	1.41	0.28	-111.70	2.3	-43.3
11,167.0	1.32	74.67	11,153.5	128.2	-105.0	0.66	0.37	-28.22	19.8	-37.9
11,263.0	1.58	93.83	11,249.5	128.4	-102.7	0.57	0.27	19.96	3.9	-41.9
11,359.0	1.67	102.44	11,345.4	128.0	-100.0	0.27	0.09	8.97	-5.2	-41.9
11,454.0	2.20	81.18	11,440.4	128.0	-96.8	0.93	0.56	-22.38	7.2	-41.4
11,550.0	0.88	8.58	11,536.4	129.0	-94.9	2.20	-1.37	-75.62	40.4	-7.2
11,646.0	1.85	309.69	11,632.3	130.7	-96.0	1.65	1.01	-61.34	25.1	30.2
11,742.0	1.58	326.57	11,728.3	132.8	-97.9	0.59	-0.28	17.58	30.0	22.1
11,795.0	1.58	357.94	11,781.3	134.2	-98.3	1.61	0.00	59.19	35.7	3.6
11,881.0	1.58	12.18	11,867.2	136.5	-98.1	0.46	0.00	16.56	33.2	-5.0
11,977.0	1.14	6.29	11,963.2	138.7	-97.7	0.48	-0.46	-6.14	31.3	-1.7
12,072.0	0.44	342.21	12,058.2	140.0	-97.7	0.80	-0.74	-25.35	28.0	10.8
12,168.0	0.26	337.20	12,154.2	140.6	-97.9	0.19	-0.19	-5.22	26.4	13.2
12,210.0	2.35	170.08	12,196.2	139.8	-97.8	6.19	4.97	-397.92	-29.4	-7.0
KOP, MD:12210.0', TVD:12196.2', N/S:139.8', E/W:-97.8', INC:2.35										
12,263.0	5.63	169.33	12,249.1	136.2	-97.2	6.19	6.19	-1.41	-31.3	-7.1
12,349.5	16.96	169.58	12,333.7	119.6	-94.1	13.09	13.09	0.29	-32.5	-3.9
FTP Crossing, MD:12349.5', TVD:12333.7', N/S:119.6', E/W:-94.1', INC:16.96										
12,359.0	18.20	169.59	12,342.8	116.8	-93.6	13.09	13.09	0.09	-32.7	-3.4
12,454.0	30.43	175.83	12,429.2	78.0	-89.1	13.14	12.87	6.57	-34.1	4.3
12,550.0	39.48	180.58	12,507.8	23.1	-87.7	9.84	9.43	4.95	-32.1	7.7
12,646.0	50.03	177.77	12,575.9	-44.3	-86.5	11.18	10.99	-2.93	-26.5	7.5
12,741.0	61.38	178.38	12,629.4	-122.7	-83.9	11.96	11.95	0.64	-18.8	9.8
12,837.0	73.78	181.46	12,665.9	-211.2	-83.9	13.25	12.92	3.21	-11.0	9.4



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,933.0	86.70	180.58	12,682.1	-305.6	-85.6	13.49	13.46	-0.92	-4.8	7.0
13,029.0	85.38	179.26	12,688.8	-401.4	-85.4	1.94	-1.37	-1.37	0.5	6.4
13,124.0	88.02	179.17	12,694.2	-496.2	-84.1	2.78	2.78	-0.09	4.6	7.1
13,220.0	89.96	180.32	12,695.9	-592.2	-83.7	2.35	2.02	1.20	5.0	6.8
13,316.0	90.40	180.14	12,695.6	-688.2	-84.1	0.50	0.46	-0.19	3.4	5.7
13,412.0	88.90	178.65	12,696.2	-784.2	-83.1	2.20	-1.56	-1.55	2.7	6.1
13,507.0	88.99	179.79	12,698.0	-879.1	-81.8	1.20	0.09	1.20	3.1	6.7
13,603.0	90.84	182.51	12,698.1	-975.1	-83.7	3.43	1.93	2.83	1.9	4.0
13,699.0	90.22	181.99	12,697.2	-1,071.0	-87.5	0.84	-0.65	-0.54	-0.3	-0.4
13,793.0	90.13	181.99	12,696.9	-1,165.0	-90.8	0.10	-0.10	0.00	-1.8	-4.4
13,889.0	89.69	190.69	12,697.1	-1,260.3	-101.3	9.07	-0.46	9.06	-3.1	-15.6
13,985.0	89.69	195.08	12,697.6	-1,353.9	-122.7	4.57	0.00	4.57	-3.9	-37.7
14,080.0	88.81	187.61	12,698.9	-1,446.9	-141.4	7.92	-0.93	-7.86	-4.3	-57.0
14,176.0	84.77	175.92	12,704.2	-1,542.5	-144.4	12.86	-4.21	-12.18	-0.4	-60.7
14,272.0	88.72	171.70	12,709.7	-1,637.8	-134.0	6.02	4.11	-4.40	2.8	-51.1
14,367.0	87.41	169.86	12,712.9	-1,731.5	-118.8	2.38	-1.38	-1.94	4.1	-36.6
14,463.0	90.04	169.51	12,715.0	-1,825.9	-101.7	2.76	2.74	-0.36	3.9	-20.1
14,559.0	91.63	175.31	12,713.6	-1,921.0	-89.0	6.26	1.66	6.04	0.3	-8.2
14,654.0	89.16	179.35	12,713.0	-2,015.9	-84.6	4.98	-2.60	4.25	-2.4	-4.4
14,750.0	89.08	179.61	12,714.5	-2,111.9	-83.7	0.28	-0.08	0.27	-3.0	-4.3
14,846.0	89.08	180.58	12,716.0	-2,207.9	-83.8	1.01	0.00	1.01	-3.6	-5.2
14,941.0	86.17	178.47	12,719.9	-2,302.8	-83.1	3.78	-3.06	-2.22	-1.7	-5.1
15,037.0	88.81	178.56	12,724.1	-2,398.6	-80.6	2.75	2.75	0.09	0.4	-3.3
15,133.0	87.67	175.83	12,727.1	-2,494.5	-75.9	3.08	-1.19	-2.84	1.2	0.7
15,228.0	88.99	178.47	12,729.9	-2,589.3	-71.2	3.11	1.39	2.78	2.8	4.7
15,324.0	91.01	178.65	12,729.9	-2,685.2	-68.7	2.11	2.10	0.19	1.8	6.4
15,419.0	92.42	180.40	12,727.0	-2,780.2	-68.0	2.36	1.48	1.84	-2.1	6.5

Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
15,515.0	92.15	181.20	12,723.2	-2,876.1	-69.3	0.88	-0.28	0.83	-6.9	4.4
15,610.0	86.53	178.12	12,724.3	-2,971.1	-68.7	6.75	-5.92	-3.24	-6.7	4.3
15,706.0	86.88	178.38	12,729.8	-3,066.8	-65.8	0.45	0.36	0.27	-2.2	6.5
15,801.0	87.49	178.47	12,734.5	-3,161.7	-63.2	0.65	0.64	0.09	1.5	8.4
15,897.0	88.11	177.94	12,738.2	-3,257.6	-60.2	0.85	0.65	-0.55	4.2	10.7
15,992.0	87.67	177.94	12,741.7	-3,352.5	-56.8	0.46	-0.46	0.00	6.7	13.4
16,087.0	89.34	179.26	12,744.1	-3,447.4	-54.5	2.24	1.76	1.39	8.2	15.0
16,125.0	89.60	179.26	12,744.5	-3,485.4	-54.0	0.68	0.68	0.00	8.2	15.2
16,220.0	92.07	179.79	12,743.1	-3,580.4	-53.2	2.66	2.60	0.56	5.8	15.3
16,316.0	93.03	179.00	12,738.8	-3,676.3	-52.2	1.29	1.00	-0.82	0.6	15.6
16,411.0	90.84	179.61	12,735.6	-3,771.2	-51.0	2.39	-2.31	0.64	-3.6	16.1
16,507.0	88.37	173.64	12,736.3	-3,867.0	-45.4	6.73	-2.57	-6.22	-4.0	21.0
16,602.0	89.08	172.41	12,738.4	-3,961.2	-33.8	1.49	0.75	-1.29	-2.9	31.8
16,698.0	88.46	181.28	12,740.5	-4,057.0	-28.6	9.26	-0.65	9.24	-1.7	36.4
16,794.0	88.64	181.19	12,742.9	-4,152.9	-30.6	0.21	0.19	-0.09	-0.3	33.6
16,889.0	89.08	180.58	12,744.8	-4,247.9	-32.1	0.79	0.46	-0.64	0.6	31.4
16,985.0	90.84	181.72	12,744.8	-4,343.9	-34.0	2.18	1.83	1.19	-0.3	28.8
17,080.0	90.92	177.15	12,743.4	-4,438.8	-33.1	4.81	0.08	-4.81	-2.7	29.0
17,175.0	89.60	179.88	12,743.0	-4,533.8	-30.6	3.19	-1.39	2.87	-4.1	30.8
17,271.0	88.81	181.63	12,744.3	-4,629.8	-31.9	2.00	-0.82	1.82	-3.8	28.8
17,366.0	86.97	181.90	12,747.8	-4,724.6	-34.8	1.96	-1.94	0.28	-1.2	25.2
17,462.0	87.67	181.63	12,752.3	-4,820.5	-37.8	0.78	0.73	-0.28	2.3	21.5
17,557.0	87.85	181.72	12,756.0	-4,915.4	-40.5	0.21	0.19	0.09	5.0	18.0
17,652.0	89.52	182.87	12,758.2	-5,010.3	-44.3	2.13	1.76	1.21	6.2	13.5
17,748.0	88.02	178.82	12,760.2	-5,106.2	-45.8	4.50	-1.56	-4.22	7.2	11.4
17,843.0	86.79	173.64	12,764.5	-5,200.9	-39.5	5.60	-1.29	-5.45	10.5	17.0
17,938.0	87.85	178.03	12,769.0	-5,295.5	-32.6	4.75	1.12	4.62	14.0	23.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
18,034.0	88.46	180.32	12,772.1	-5,391.4	-31.3	2.47	0.64	2.39	16.2	23.8
18,130.0	88.46	180.49	12,774.6	-5,487.4	-31.9	0.18	0.00	0.18	17.2	22.4
18,226.0	90.84	183.30	12,775.2	-5,583.3	-35.1	3.84	2.48	2.93	16.0	18.5
18,322.0	91.10	182.16	12,773.6	-5,679.2	-39.7	1.22	0.27	-1.19	12.6	13.2
18,417.0	91.80	181.19	12,771.2	-5,774.1	-42.5	1.26	0.74	-1.02	8.5	9.8
18,513.0	91.36	180.93	12,768.6	-5,870.1	-44.2	0.53	-0.46	-0.27	4.1	7.3
18,609.0	88.46	179.88	12,768.7	-5,966.1	-44.9	3.21	-3.02	-1.09	2.5	5.9
18,705.0	88.46	179.79	12,771.3	-6,062.0	-44.6	0.09	0.00	-0.09	3.3	5.4
18,800.0	88.64	179.00	12,773.7	-6,157.0	-43.6	0.85	0.19	-0.83	4.0	5.7
18,896.0	89.25	180.23	12,775.5	-6,253.0	-43.0	1.43	0.64	1.28	4.0	5.7
18,992.0	90.31	180.32	12,775.8	-6,349.0	-43.4	1.11	1.10	0.09	2.6	4.5
19,087.0	91.28	180.32	12,774.5	-6,444.0	-44.0	1.02	1.02	0.00	-0.5	3.2
19,183.0	88.11	178.56	12,775.0	-6,539.9	-43.0	3.78	-3.30	-1.83	-1.7	3.5
19,278.0	88.29	181.11	12,778.0	-6,634.9	-42.8	2.69	0.19	2.68	-0.3	3.0
19,374.0	88.11	181.54	12,781.0	-6,730.8	-45.0	0.49	-0.19	0.45	1.0	0.1
19,470.0	89.08	182.25	12,783.4	-6,826.7	-48.2	1.25	1.01	0.74	1.7	-3.8
19,566.0	88.02	179.88	12,785.8	-6,922.7	-49.9	2.70	-1.10	-2.47	2.5	-6.3
19,662.0	88.29	176.62	12,788.9	-7,018.6	-47.0	3.41	0.28	-3.40	3.9	-4.0
19,757.0	89.96	181.54	12,790.3	-7,113.5	-45.5	5.47	1.76	5.18	3.7	-3.2
19,853.0	88.11	176.98	12,792.0	-7,209.5	-44.3	5.13	-1.93	-4.75	3.6	-2.7
19,949.0	89.34	179.88	12,794.1	-7,305.4	-41.6	3.28	1.28	3.02	4.1	-0.8
20,045.0	89.43	179.70	12,795.1	-7,401.4	-41.3	0.21	0.09	-0.19	3.5	-1.2
20,140.0	90.92	180.05	12,794.8	-7,496.4	-41.1	1.61	1.57	0.37	1.5	-1.7
20,236.0	90.75	179.70	12,793.4	-7,592.4	-40.9	0.41	-0.18	-0.36	-1.5	-2.2
20,331.0	91.28	181.37	12,791.8	-7,687.3	-41.7	1.84	0.56	1.76	-4.9	-3.7
20,427.0	86.53	179.26	12,793.6	-7,783.3	-42.3	5.41	-4.95	-2.20	-4.7	-5.0
20,523.0	88.37	180.14	12,797.9	-7,879.2	-41.8	2.12	1.92	0.92	-2.1	-5.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #721H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	kb = 26' @ 3501.0usft
Site:	Lacey Swiss 1 Fed Com	MD Reference:	kb = 26' @ 3501.0usft
Well:	#721H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
20,619.0	87.85	178.29	12,801.0	-7,975.1	-40.5	2.00	-0.54	-1.93	-0.6	-4.6
20,714.0	85.91	176.45	12,806.2	-8,069.9	-36.1	2.81	-2.04	-1.94	2.9	-0.9
20,810.0	85.12	179.61	12,813.7	-8,165.5	-32.8	3.38	-0.82	3.29	8.8	1.6
20,905.0	86.17	180.32	12,820.9	-8,260.2	-32.8	1.33	1.11	0.75	14.5	1.0
21,001.0	89.43	181.99	12,824.6	-8,356.1	-34.7	3.81	3.40	1.74	17.3	-1.7
21,097.0	90.57	180.93	12,824.6	-8,452.1	-37.1	1.62	1.19	-1.10	16.5	-4.8
21,192.0	92.42	180.93	12,822.1	-8,547.0	-38.7	1.95	1.95	0.00	13.2	-7.1
21,288.0	91.71	180.40	12,818.7	-8,643.0	-39.8	0.92	-0.74	-0.55	8.8	-8.9
21,384.0	91.36	177.59	12,816.1	-8,738.9	-38.1	2.95	-0.36	-2.93	5.4	-8.0
21,479.0	89.16	181.28	12,815.7	-8,833.9	-37.2	4.52	-2.32	3.88	4.1	-7.7
21,575.0	90.57	181.81	12,815.9	-8,929.9	-39.8	1.57	1.47	0.55	3.5	-11.0
21,671.0	91.28	182.51	12,814.3	-9,025.8	-43.4	1.04	0.74	0.73	1.1	-15.4
21,766.0	88.37	179.96	12,814.6	-9,120.7	-45.4	4.07	-3.06	-2.68	0.5	-18.1
21,862.0	86.53	178.21	12,818.9	-9,216.6	-43.9	2.64	-1.92	-1.82	4.0	-17.3
21,958.0	89.43	178.47	12,822.3	-9,312.5	-41.1	3.03	3.02	0.27	6.5	-15.2
22,053.0	85.38	176.80	12,826.6	-9,407.3	-37.2	4.61	-4.26	-1.76	10.0	-12.0
22,149.0	88.55	178.56	12,831.7	-9,503.1	-33.3	3.78	3.30	1.83	14.2	-8.9
22,245.0	90.04	179.79	12,832.9	-9,599.1	-31.9	2.01	1.55	1.28	14.5	-8.2
22,341.0	89.43	178.73	12,833.3	-9,695.0	-30.7	1.27	-0.64	-1.10	14.1	-7.7
22,436.0	87.41	175.13	12,835.9	-9,789.8	-25.6	4.34	-2.13	-3.79	15.8	-3.3
22,532.0	91.28	178.47	12,837.0	-9,885.7	-20.3	5.32	4.03	3.48	16.1	1.3
22,627.0	92.42	178.12	12,833.9	-9,980.6	-17.4	1.26	1.20	-0.37	12.2	3.4
22,723.0	91.80	175.92	12,830.4	-10,076.4	-12.5	2.38	-0.65	-2.29	7.8	7.7
22,810.0	91.19	176.27	12,828.1	-10,163.1	-6.5	0.81	-0.70	0.40	4.7	13.0
Last MWD Survey (MD=22810.0')										
22,873.0	91.19	176.27	12,826.8	-10,226.0	-2.4	0.00	0.00	0.00	2.9	16.6
Projection to Bit (MD=22873.0')										



Final PVA



Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Lacey Swiss 1 Fed Com
Well: #721H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #721H
TVD Reference: kb = 26' @ 3501.0usft
MD Reference: kb = 26' @ 3501.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: PEDM

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,210.0	12,196.2	139.8	-97.8	KOP, MD:12210.0', TVD:12196.2', N/S:139.8', E/W:-97.8', INC:2.35
12,349.5	12,333.7	119.6	-94.1	FTP Crossing, MD:12349.5', TVD:12333.7', N/S:119.6', E/W:-94.1', INC:16.96
22,810.0	12,828.1	-10,163.1	-6.5	Last MWD Survey (MD=22810.0')
22,873.0	12,826.8	-10,226.0	-2.4	Projection to Bit (MD=22873.0')

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
 KAY MADDOX 02/14/2023



Lea County, NM (NAD 83 NME)

Lacey Swiss 1 Fed Com #721H

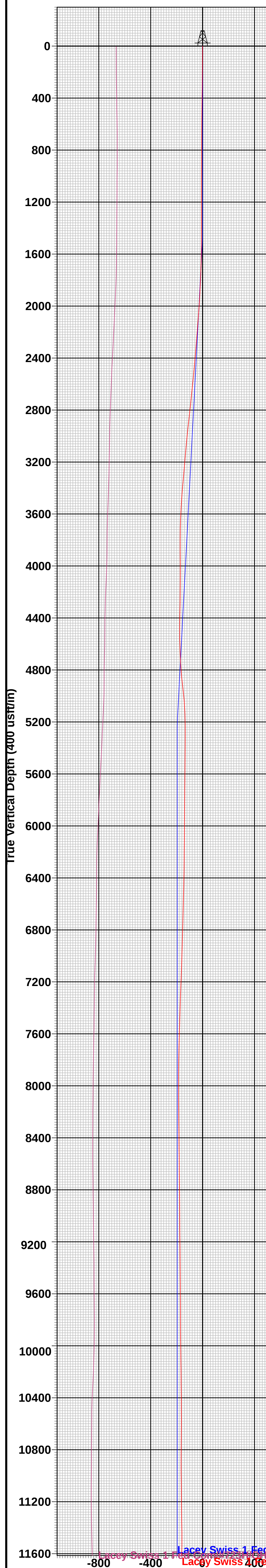
OH

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: #721H

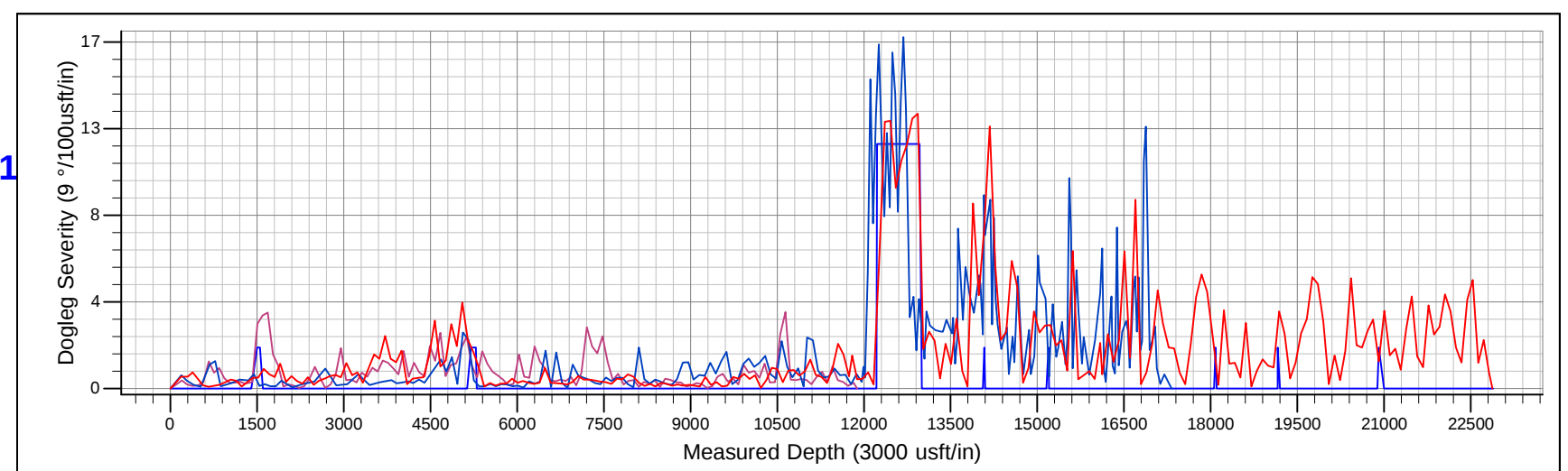
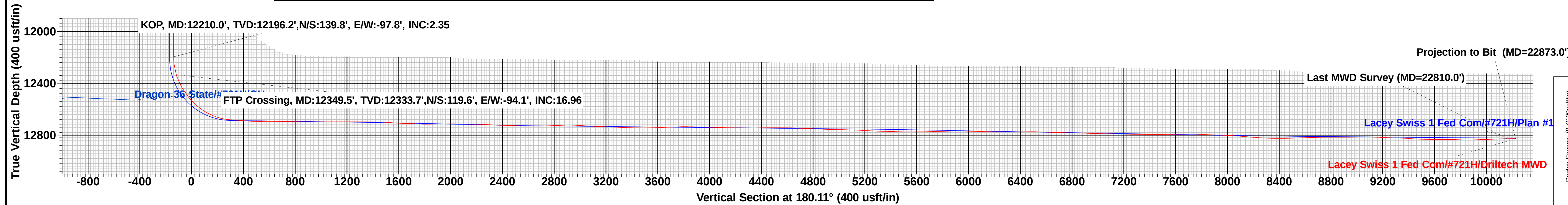
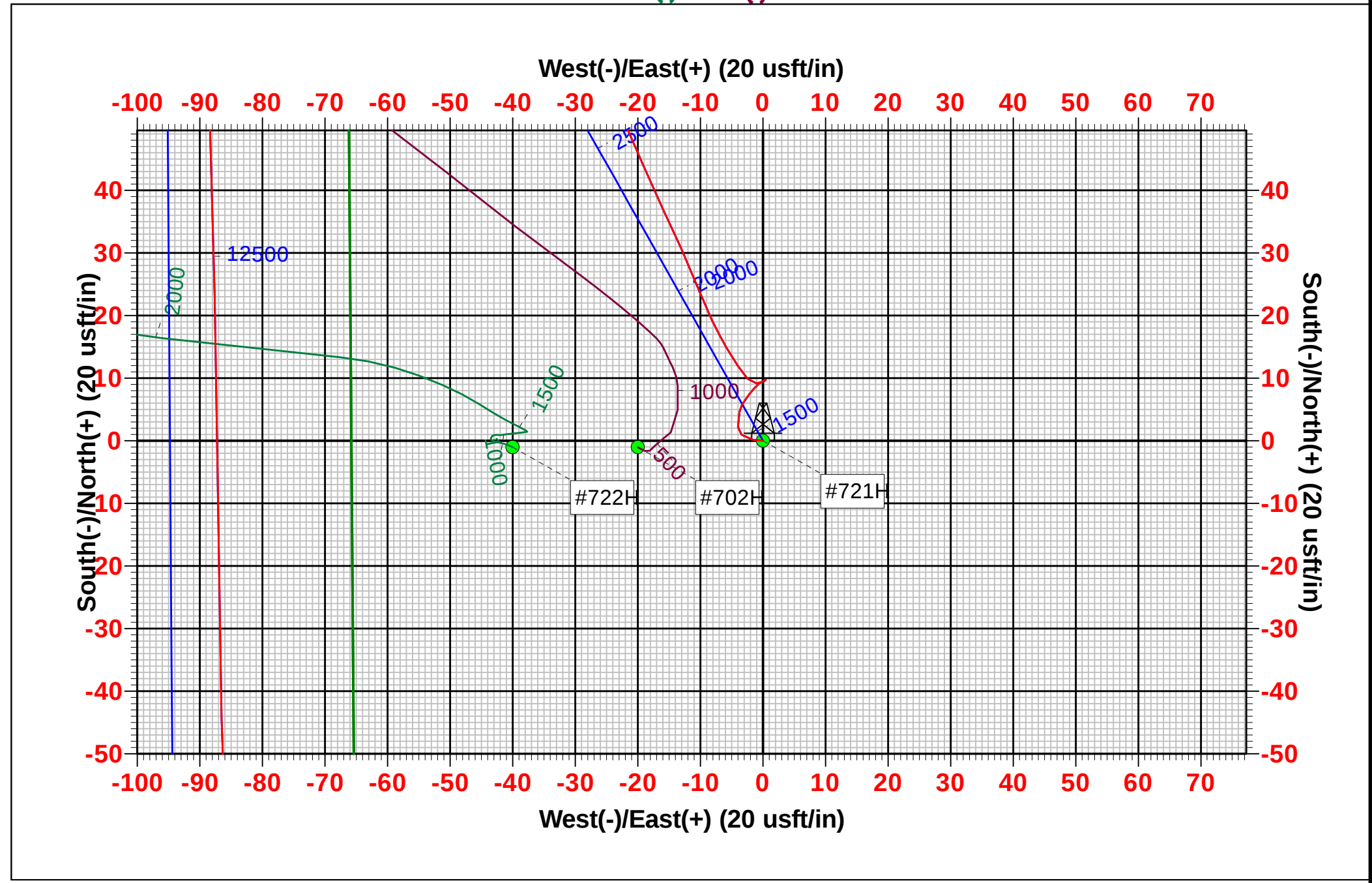
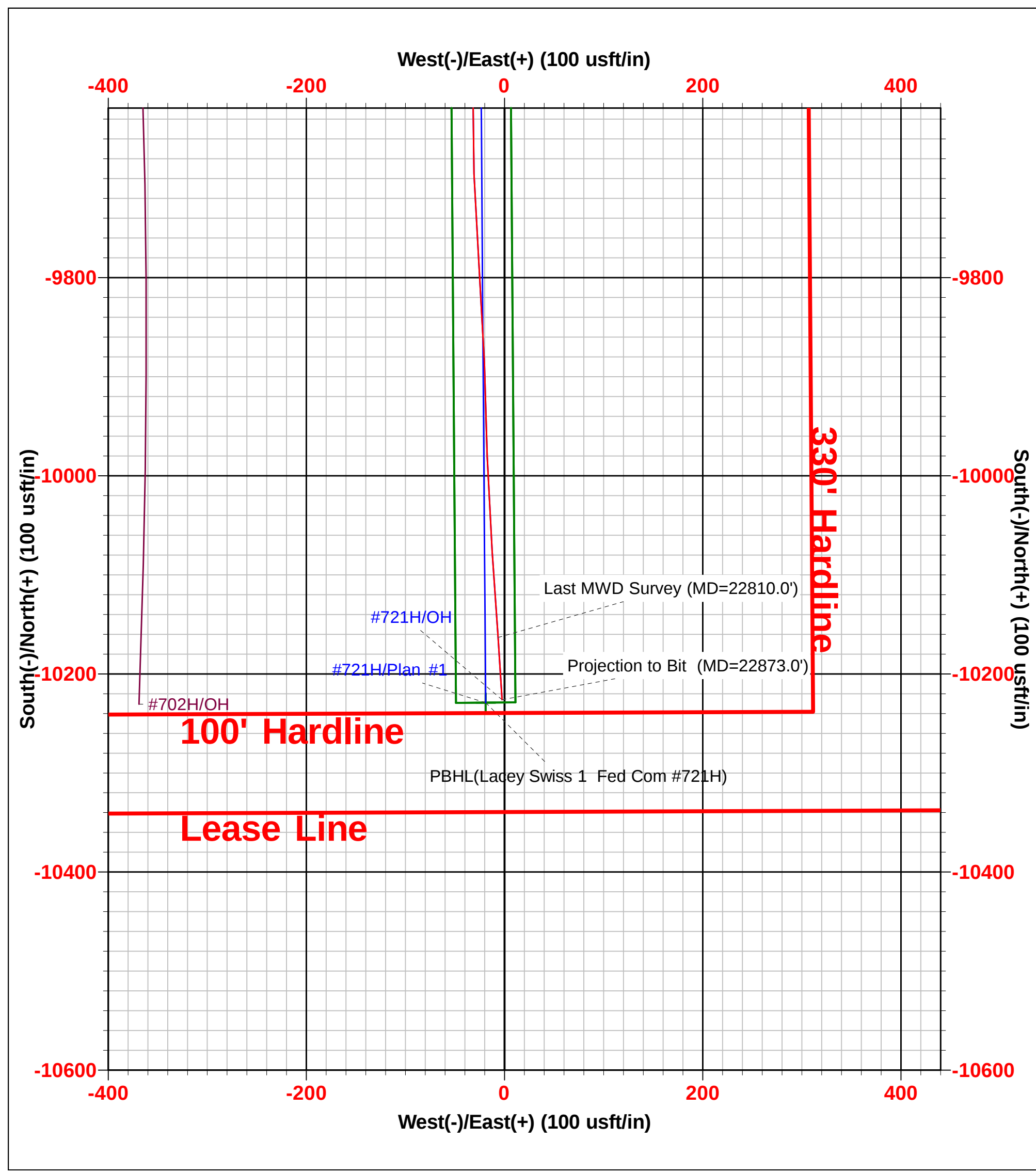
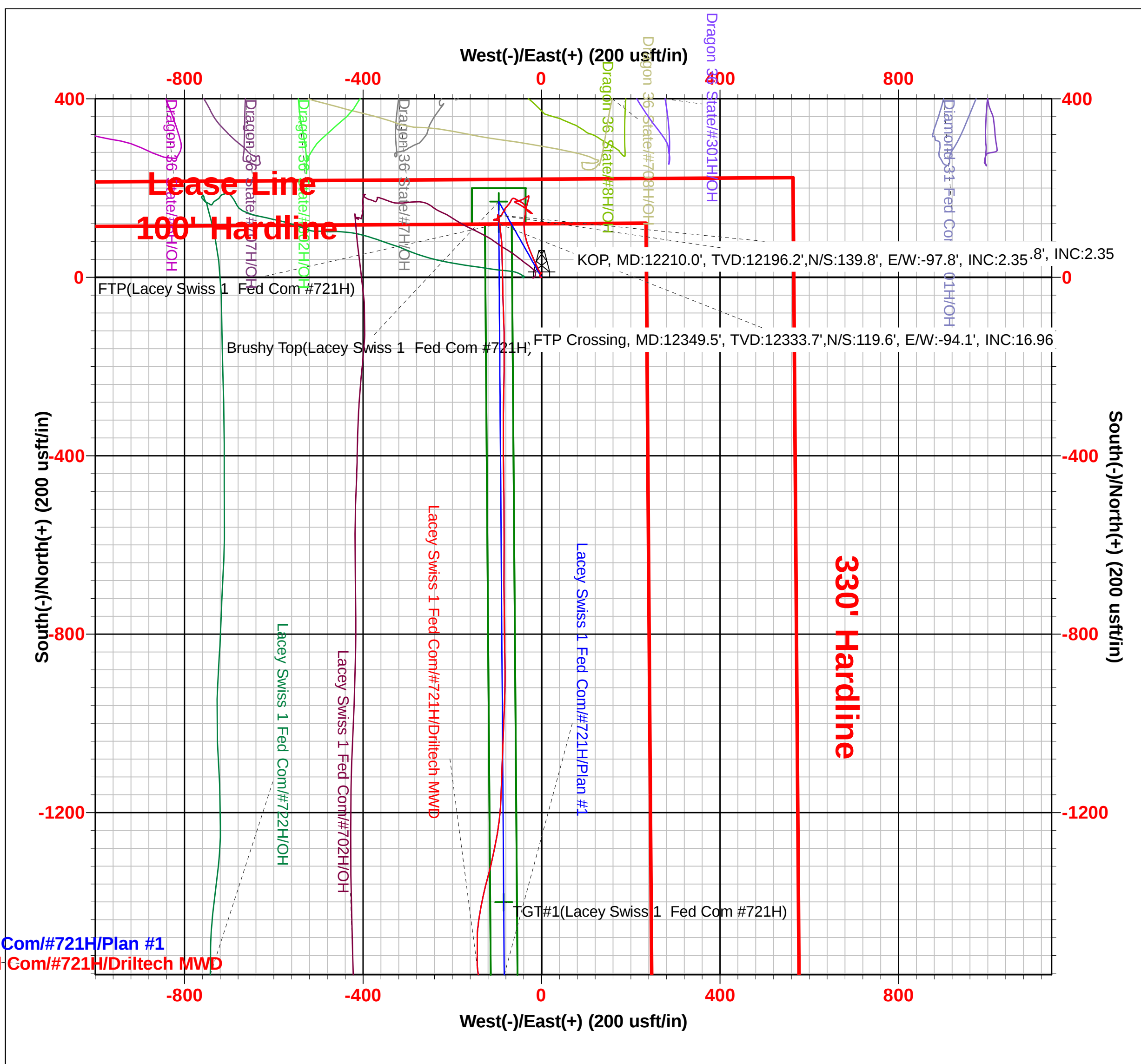
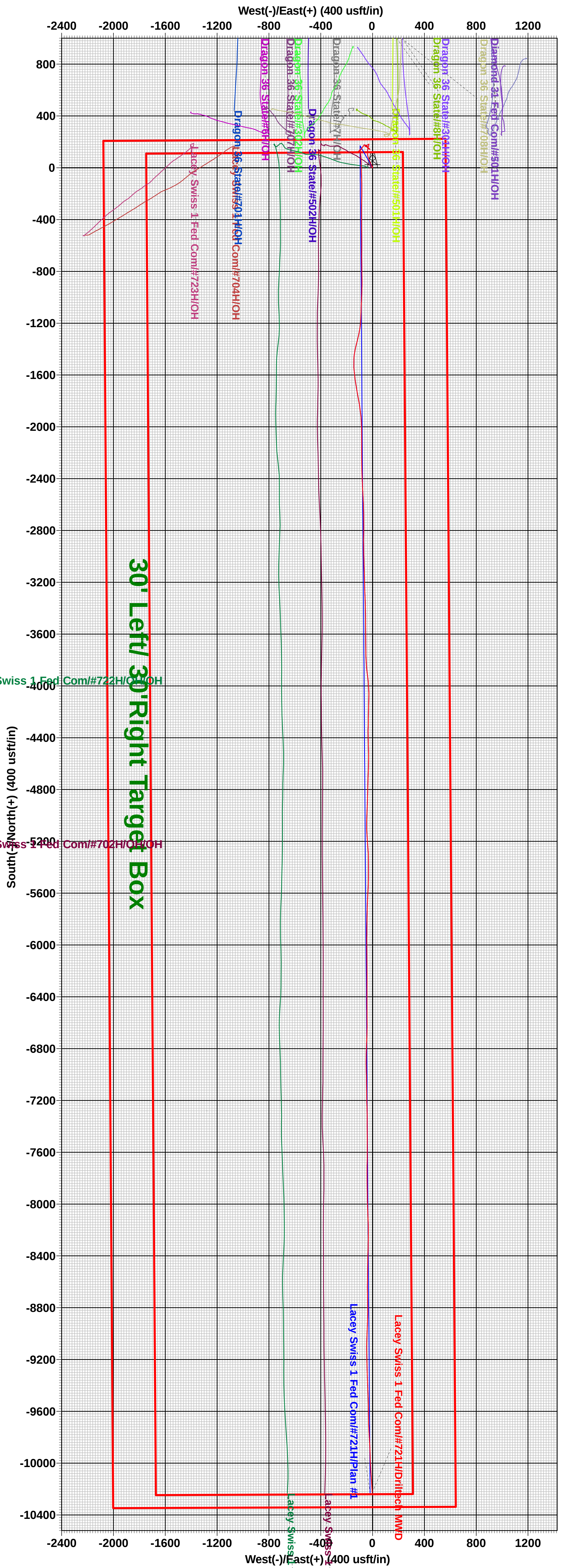
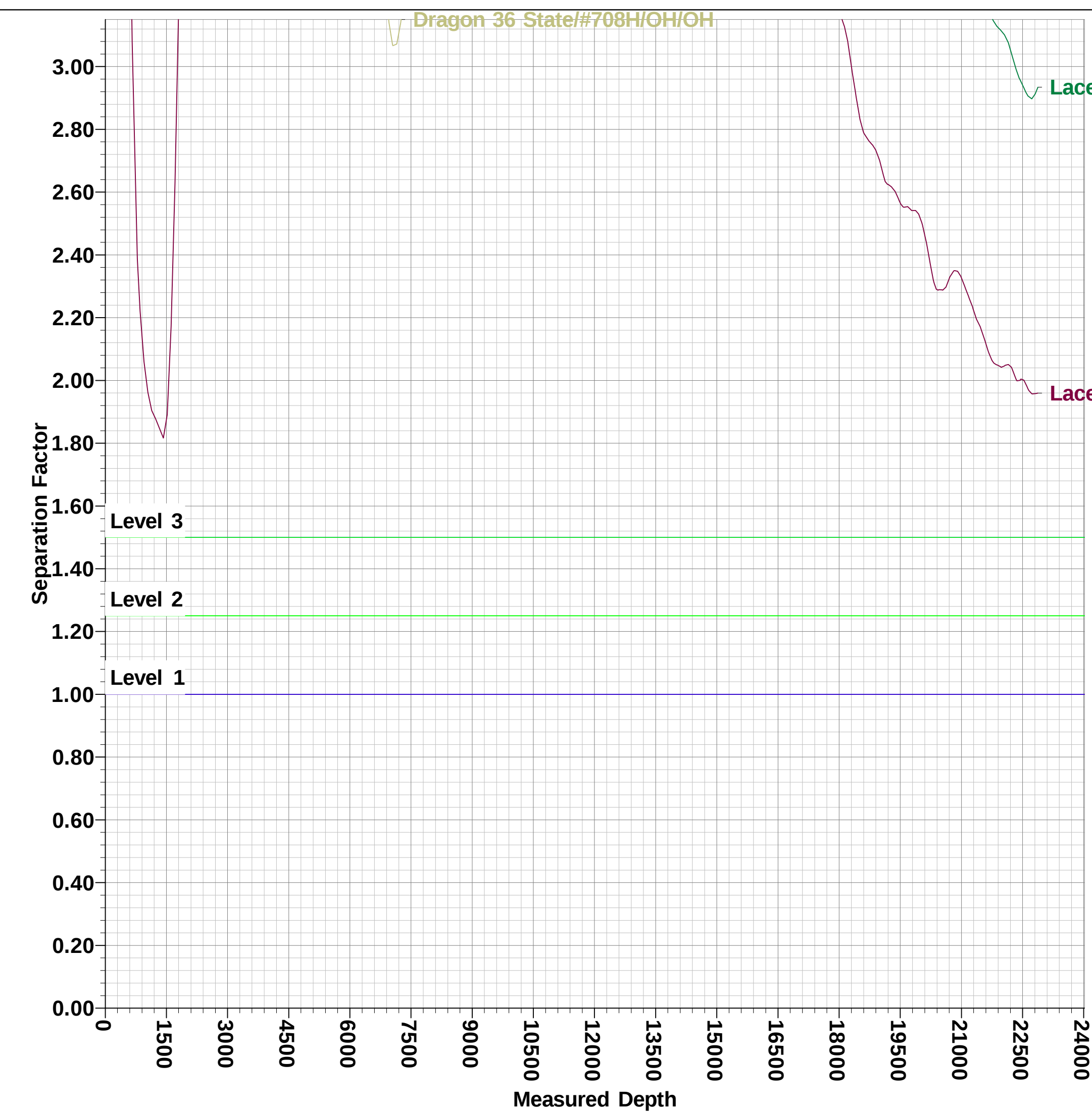
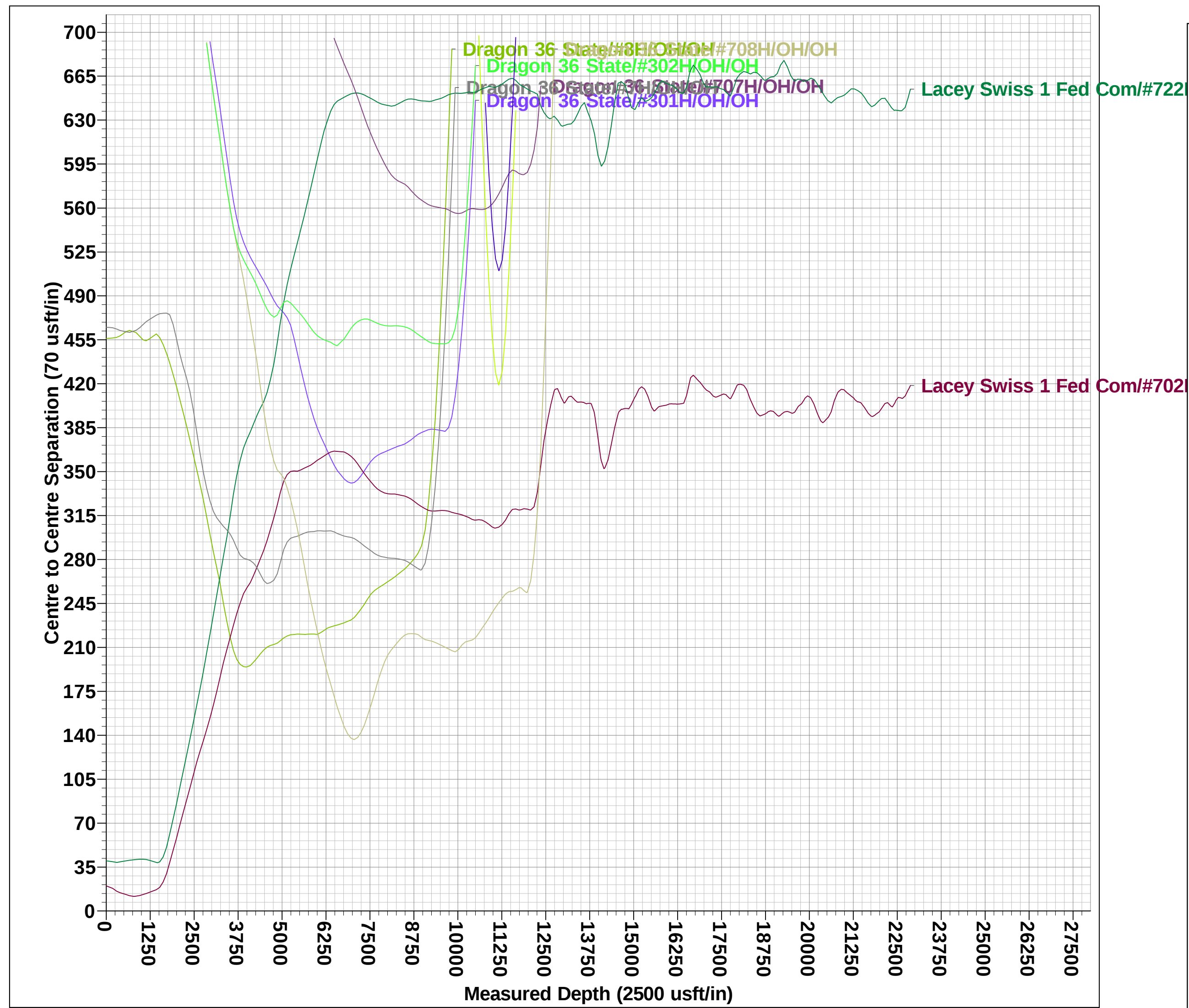
kb = 26' @ 3501.0usft 3475.0
Northing 425149.00 Easting 793216.00 Latitude 32° 9' 58.299 N Longitude 103° 31' 9.952 W



Azimuths to Grid North
True North: -0.43°
Magnetic North: 5.94°

Magnetic Field
Strength: 47341.3nT
Dip Angle: 59.82°
Date: 8/21/2022
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 5.94°
To convert a Magnetic Direction to a True Direction, Add 6.38° East
To convert a True Direction to a Grid Direction, Subtract 0.43°



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 LACEY SWISS 1 FEDERAL COM										
								6. Well Number: 721H										
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 BOBCAT DRAW; UPPER WOLFCAMP												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	A	1	25S	33E		221	NORTH	565	EAST	LEA								
BH:	P	12	25S	33E		111	SOUTH	643	EAST	LEA								
13. Date Spudded 07/08/2022	14. Date T.D. Reached 09/08/2022		15. Date Rig Released 09/09/2022			16. Date Completed (Ready to Produce) 01/23/2023		17. Elevations (DF and RKB, RT, GR, etc.) 3475'										
18. Total Measured Depth of Well MD 22,873' TVD 12,826'			19. Plug Back Measured Depth MD 22,840' TVD 12,826'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GAMMA RAY/CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 12,808 - 22,840'																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
9 5/8"		40# J-55		1342'		12 1/4"		540 SXS CL C/CIRC										
7 5/8"		29.7# P110 EC		11,849'		8 3/4"		1790 SXS CL C&H/94' ECHO										
5 1/2"		20# HCP 110		22,849'		6 3/4"		980 CL H/TOC 0 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) 12,808 - 22,840' 3 1/8", 2687 HOLES						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>12,808 - 22,840'</td> <td>FRAC W/ 24,186,475 BBLs LOAD FLD, W/478,071LBS LBS PROPPANT</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	12,808 - 22,840'	FRAC W/ 24,186,475 BBLs LOAD FLD, W/478,071LBS LBS PROPPANT				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
12,808 - 22,840'	FRAC W/ 24,186,475 BBLs LOAD FLD, W/478,071LBS LBS PROPPANT																	
28. PRODUCTION																		
Date First Production 01/23/2023		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 01/29/2023	Hours Tested 24 HRS	Choke Size 64	Prod'n For Test Period	Oil - Bbl 2978	Gas - MCF 6891	Water - Bbl. 7379	Gas - Oil Ratio 2314											
Flow Tubing Press.	Casing Pressure 2136	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 45												
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)								30. Test Witnessed By										
31. List Attachments C-102, C-104, DIRECTIONAL SURVEY, H SPACING (POINTS),																		
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 02/13/2023 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 <u>RUSTLER 1060'</u>	T. Canyon <u>BRUSHY 7728</u>	T. Ojo Alamo	T. Penn A "
T. Salt <u>T/SALT 1455'</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>B/SALT 4871'</u>	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 BONE SPRING SAND 10,202'	T. Entrada	
T. Wolfcamp 12,311'	T. 2ND BONE SPRING SAND 10,848'	T. Wingate	
T. Penn	T. 3RD BONE SPRING SAND 11,880'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 186182

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 186182
	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

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

CONDITIONS

Action 186182

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 186182
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	3/10/2025