

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

District II811 S. First St., Artesia, NM 88210

Oil Conservation Division

Submit one copy to appropriate District Office

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 11/08/2022	
⁴ API Number 30 - 025 - 50338	⁵ Pool Name TRISTE DRAW; BONE SPRING, EAST		⁶ Pool Code 96682
⁷ Property Code 317561	HEARNS 34 STATE COM		⁹ Well Number 505H

II. ¹⁰ Surface Location

UL or lot no. P	Section 34	Township 24S	Range 33E	Lot Idn	Feet from the 240'	North/South SOUTH	Feet from the	East/West line EAST	County LEA
¹¹ Bottom Hole Location									
UL or lot no B	Section 34	Township 24S	Range 33E	Lot Idn	Feet from the 110'	North/South NORTH	Feet from the	East/West line EAST	County LEA
¹² Lse Code S	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 SRVICES, LLC	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 07/25/2022	²² Ready Date 11/08/2022	²³ TD 15,750'	²⁴ PBTD 15,713'	²⁵ Perforations 11,030 - 15,713'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
16"		13 3/8"		1305'	2252 SXS CL C/CIRC
12 1/4"		9 5/8"		5089'	1745 SXS CL C & H/CIRC
7 7/8"		6"		15,721'	1135 SXS CL C & H/CBL SURF

V. Well Test Data

³¹ Date New Oil 11/08/2022	³² Gas Delivery Date 11/08/2022	³³ Test Date 11/14/2022	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1199
³⁷ Choke Size 128	³⁸ Oil 499 BOPD	³⁹ Water 1588 BWPD	⁴⁰ Gas 611 MCFPD		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:			OIL CONSERVATION DIVISION		
Printed name: Kay Maddox			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: Kay_Maddox@eogresources.com			Approval Date: 8/20/2025		
Date: 11/29/2022		Phone: 432-638-8475			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

AS-COMPLETED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 50338	² Pool Code 96682	³ Pool Name TRISTE DRAW; BONE SPRING, EAST
⁴ Property Code 317561	⁵ Property Name HEARNS 34 STATE COM	⁶ Well Number 505H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3480'

¹⁰Surface Location

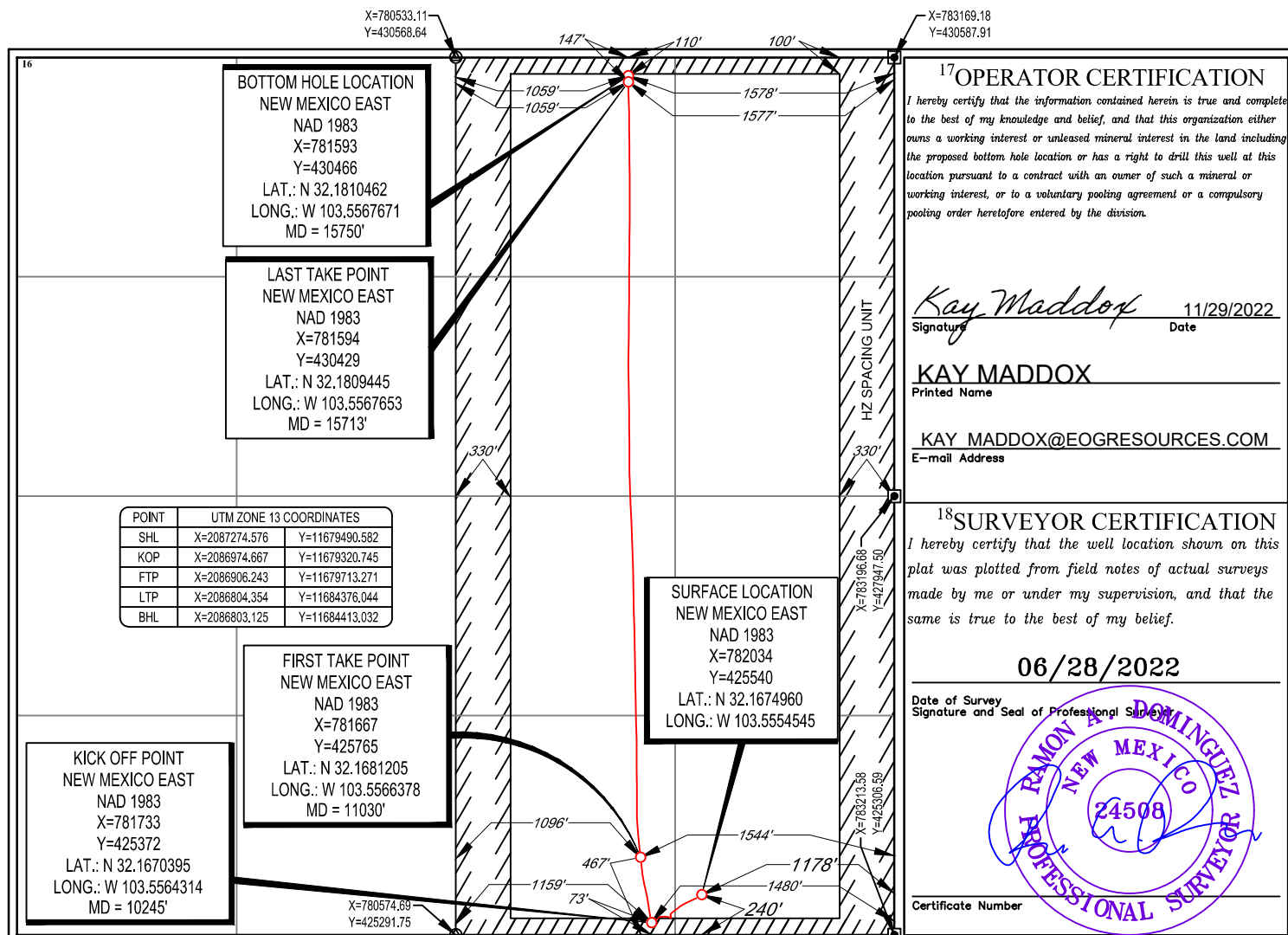
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	24-S	33-E	-	240'	SOUTH	1178'	EAST	LEA

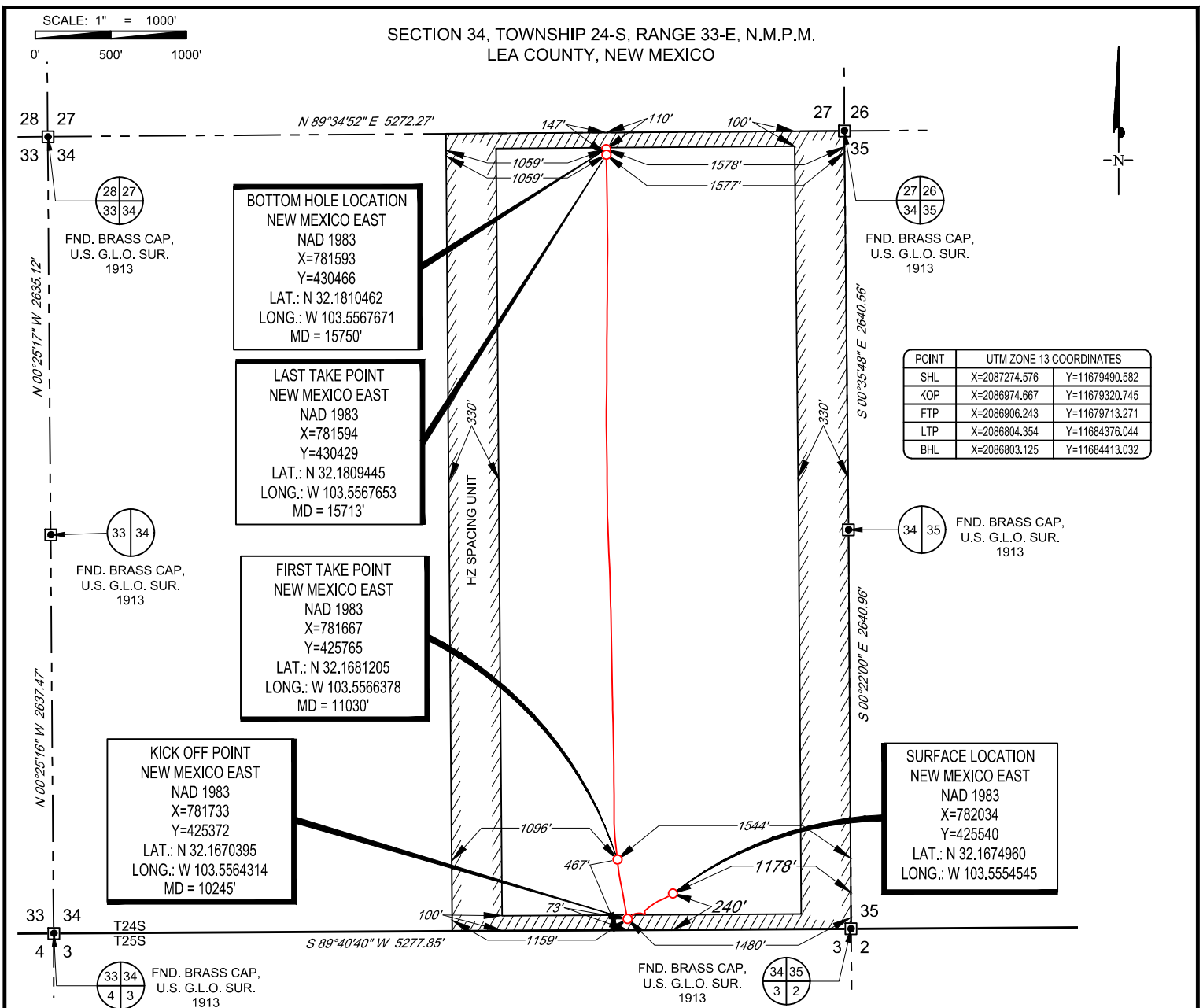
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	24-S	33-E	-	110'	NORTH	1578'	EAST	LEA

¹² Dedicated Acres 320.00	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.





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



Ramon A. Dominguez, P.S. No. 24508
October 13, 2022

HEARNS 34 STATE COM
505H
AS-DRILLED

REVISION:

DATE: 10/13/2022

FILE: AD_HEARNS_34_STATE_COM_505H

DRAWN BY: IMU

SHEET: 1 OF 1

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)

Hearns 34 State Com

#505H

OH

Design: OH

Final PVA

30 August, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3506.0usft
Site:	Hearns 34 State Com	MD Reference:	KB = 26' @ 3506.0usft
Well:	#505H	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	Hearns 34 State Com		
Site Position:		Northing:	425,568.00 usft
From:	Map	Easting:	780,745.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 3.355 N
		Longitude:	103° 33' 34.635 W
		Grid Convergence:	0.41 °

Well		#505H				
Well Position	+N/-S	0.0 usft	Northing:	425,540.00 usft	Latitude:	32° 10' 2.986 N
	+E/-W	0.0 usft	Easting:	782,034.00 usft	Longitude:	103° 33' 19.642 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,480.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	9/11/2022	6.41	59.82	47,350.13664693

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	354.85

Survey Program		Date	8/30/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
184.0	15,750.0	Gordon MWD (OH)	EOG MWD+IFR1	MWD + IFR1	



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Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
184.0	1.00	181.95	184.0	-1.6	-0.1	0.54	0.54	0.00	-1.6	0.0
296.0	1.06	178.07	296.0	-3.6	-0.1	0.08	0.05	-3.46	-3.6	-0.2
471.0	0.81	190.13	470.9	-6.5	-0.2	0.18	-0.14	6.89	-6.4	0.9
557.0	0.66	163.93	556.9	-7.5	-0.2	0.42	-0.17	-30.47	-7.2	-2.3
749.0	0.78	90.94	748.9	-8.6	1.4	0.45	0.06	-38.02	-1.6	-8.6
938.0	1.43	82.13	937.9	-8.3	5.0	0.35	0.34	-4.66	-3.9	-8.9
1,126.0	1.18	72.49	1,125.8	-7.4	9.2	0.18	-0.13	-5.13	-6.6	-9.8
1,255.0	0.93	82.74	1,254.8	-6.9	11.5	0.24	-0.19	7.95	-10.6	-8.3
1,425.0	0.73	117.43	1,424.8	-7.2	13.9	0.31	-0.12	20.41	-15.6	0.0
1,613.0	1.97	258.32	1,612.8	-8.4	11.8	1.37	0.66	74.94	11.9	10.0
1,802.0	4.21	257.34	1,801.5	-10.6	1.8	1.19	1.19	-0.52	13.7	6.6
1,990.0	3.38	259.36	1,989.1	-13.1	-10.4	0.45	-0.44	1.07	15.5	1.8
2,084.0	5.54	249.62	2,082.8	-15.2	-17.4	2.43	2.30	-10.36	15.0	2.9
2,273.0	4.96	251.97	2,271.0	-20.9	-33.7	0.33	-0.31	1.24	12.4	-0.1
2,461.0	5.71	241.50	2,458.2	-27.9	-49.6	0.65	0.40	-5.57	9.6	0.6
2,650.0	5.34	245.15	2,646.3	-36.1	-65.9	0.27	-0.20	1.93	6.3	-0.4
2,838.0	4.64	245.92	2,833.6	-42.9	-80.7	0.37	-0.37	0.41	4.6	-1.5
3,027.0	4.23	246.15	3,022.0	-48.8	-94.1	0.22	-0.22	0.12	4.8	-2.8
3,121.0	4.83	241.30	3,115.7	-52.1	-100.7	0.76	0.64	-5.16	5.0	-2.6
3,310.0	4.49	240.07	3,304.1	-59.6	-114.1	0.19	-0.18	-0.65	4.5	-2.4
3,404.0	4.87	236.02	3,397.8	-63.7	-120.6	0.54	0.40	-4.31	4.3	-1.6
3,592.0	4.96	234.24	3,585.1	-72.9	-133.8	0.09	0.05	-0.95	2.9	0.1
3,781.0	5.80	232.13	3,773.3	-83.5	-148.0	0.46	0.44	-1.12	-0.2	2.2
3,875.0	5.51	234.53	3,866.8	-89.1	-155.4	0.40	-0.31	2.55	-2.0	3.3
4,063.0	4.09	231.24	4,054.1	-98.5	-168.0	0.77	-0.76	-1.75	-3.4	5.3
4,251.0	3.26	230.38	4,241.8	-106.1	-177.4	0.44	-0.44	-0.46	-1.0	7.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3506.0usft
Site:	Hearns 34 State Com	MD Reference:	KB = 26' @ 3506.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
4,440.0	2.31	229.20	4,430.5	-112.0	-184.4	0.50	-0.50	-0.62	4.2	10.9
4,629.0	1.97	182.79	4,619.4	-117.7	-187.4	0.91	-0.18	-24.56	-3.1	20.4
4,817.0	2.63	159.98	4,807.3	-125.0	-186.1	0.59	0.35	-12.13	-15.8	31.0
5,005.0	2.45	170.10	4,995.1	-133.0	-183.9	0.26	-0.10	5.38	-13.7	48.0
5,039.0	2.30	184.26	5,029.1	-134.4	-183.9	1.78	-0.44	41.65	-1.5	52.3
5,117.0	2.14	198.40	5,107.0	-137.4	-184.4	0.73	-0.21	18.13	12.9	55.6
5,211.0	2.38	285.11	5,200.9	-138.5	-186.9	3.31	0.26	92.24	59.6	-12.9
5,400.0	4.17	294.57	5,389.6	-134.7	-196.9	0.99	0.95	5.01	54.8	-33.7
5,588.0	5.53	280.66	5,577.0	-130.1	-212.0	0.95	0.72	-7.40	57.0	-30.5
5,777.0	5.74	258.88	5,765.1	-130.3	-230.3	1.13	0.11	-11.52	60.5	-15.1
5,871.0	5.58	260.47	5,858.6	-131.9	-239.4	0.24	-0.17	1.69	57.8	-19.1
5,966.0	6.26	265.08	5,953.1	-133.1	-249.1	0.87	0.72	4.85	53.1	-26.3
6,060.0	6.50	234.39	6,046.5	-136.7	-258.5	3.59	0.26	-32.65	56.6	2.7
6,248.0	5.88	230.95	6,233.4	-148.9	-274.7	0.38	-0.33	-1.83	50.6	8.1
6,343.0	2.96	239.06	6,328.2	-153.3	-280.6	3.14	-3.07	8.54	51.4	1.9
6,437.0	1.24	252.83	6,422.1	-154.8	-283.6	1.89	-1.83	14.65	54.3	-11.3
6,626.0	0.30	350.05	6,611.1	-154.9	-285.6	0.69	-0.50	51.44	-23.0	-64.3
6,814.0	0.59	11.49	6,799.1	-153.5	-285.5	0.18	0.15	11.40	-50.8	-56.5
7,003.0	0.44	9.49	6,988.1	-151.8	-285.2	0.08	-0.08	-1.06	-50.5	-58.3
7,191.0	0.30	55.17	7,176.1	-150.8	-284.7	0.17	-0.07	24.30	-77.9	-4.1
7,380.0	0.18	62.86	7,365.1	-150.4	-284.0	0.07	-0.06	4.07	-78.6	6.4
7,568.0	0.25	269.69	7,553.1	-150.3	-284.2	0.22	0.04	-81.47	67.0	-41.3
7,757.0	0.53	260.11	7,742.1	-150.4	-285.5	0.15	0.15	-5.07	71.7	-29.7
7,945.0	0.67	250.74	7,930.0	-151.0	-287.3	0.09	0.07	-4.98	73.6	-17.7
8,134.0	0.48	261.46	8,119.0	-151.4	-289.2	0.12	-0.10	5.67	67.2	-30.9
8,322.0	0.75	247.82	8,307.0	-152.0	-291.1	0.16	0.14	-7.26	70.6	-14.4
8,511.0	0.87	221.24	8,496.0	-153.6	-293.2	0.21	0.06	-14.06	67.0	18.1



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3506.0usft
Site:	Hearns 34 State Com	MD Reference:	KB = 26' @ 3506.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
8,699.0	1.10	216.64	8,684.0	-156.1	-295.2	0.13	0.12	-2.45	62.1	23.3
8,888.0	1.29	203.69	8,872.9	-159.5	-297.1	0.17	0.10	-6.85	51.4	36.3
9,076.0	1.24	209.42	9,060.9	-163.2	-299.0	0.07	-0.03	3.05	50.6	31.2
9,265.0	0.66	222.35	9,249.9	-165.8	-300.7	0.33	-0.31	6.84	53.2	19.5
9,453.0	0.79	48.07	9,437.9	-165.7	-300.5	0.77	0.07	-92.70	-55.1	-14.2
9,642.0	0.67	64.18	9,626.8	-164.4	-298.5	0.13	-0.06	8.52	-59.3	2.0
9,831.0	0.37	192.23	9,815.8	-164.5	-297.7	0.50	-0.16	67.75	38.2	46.3
10,019.0	0.47	209.91	10,003.8	-165.7	-298.2	0.09	0.05	9.40	49.1	32.7
10,245.0	1.52	234.95	10,229.8	-168.3	-301.1	0.49	0.46	11.08	54.5	9.2
KOP, MD:10245.0', TVD:10229.8', N/S:-168.3', E/W:-301.1', INC:1.52										
10,250.0	1.54	235.11	10,234.8	-168.3	-301.2	0.49	0.48	3.27	54.4	9.1
10,345.0	11.13	349.17	10,329.2	-160.0	-304.0	12.46	10.09	120.06	-22.2	-52.4
10,418.4	18.11	350.76	10,400.2	-141.8	-307.1	9.52	9.51	2.16	-41.3	-52.3
FTP Crossing, MD:10418.4', TVD:10400.2', N/S:-141.8', E/W:-307.1', INC:18.11										
10,439.0	20.07	351.01	10,419.7	-135.1	-308.2	9.52	9.52	1.22	-47.7	-52.2
10,533.0	25.28	350.15	10,506.4	-99.4	-314.2	5.55	5.54	-0.91	-71.5	-51.5
10,627.0	31.53	350.57	10,589.0	-55.3	-321.6	6.65	6.65	0.45	-88.6	-47.6
10,722.0	34.41	350.27	10,668.7	-4.4	-330.2	3.04	3.03	-0.32	-94.4	-43.2
10,816.0	44.51	346.55	10,741.2	54.0	-342.4	11.03	10.74	-3.96	-90.7	-38.8
10,911.0	54.24	351.95	10,803.0	124.8	-355.6	11.11	10.24	5.68	-88.4	-24.8
11,005.0	57.53	353.70	10,855.7	202.0	-365.3	3.82	3.50	1.86	-76.5	-20.1
11,099.0	66.71	353.75	10,899.6	284.5	-374.4	9.77	9.77	0.05	-57.1	-17.6
11,193.0	74.45	354.31	10,930.9	372.6	-383.6	8.25	8.23	0.60	-34.8	-15.6
11,287.0	82.08	359.22	10,950.0	464.4	-388.7	9.59	8.12	5.22	-14.8	-16.3
11,381.0	87.27	359.94	10,958.7	557.9	-389.4	5.57	5.52	0.77	-4.9	-17.6
11,476.0	89.17	359.62	10,961.6	652.9	-389.8	2.03	2.00	-0.34	-0.6	-18.0
11,570.0	89.45	359.64	10,962.8	746.9	-390.4	0.30	0.30	0.02	1.8	-18.2



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3506.0usft
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Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
11,664.0	89.54	359.95	10,963.6	840.9	-390.7	0.34	0.10	0.33	3.9	-18.6	
11,759.0	91.25	358.65	10,963.0	935.8	-391.9	2.26	1.80	-1.37	4.5	-18.3	
11,853.0	91.73	358.51	10,960.5	1,029.8	-394.2	0.53	0.51	-0.15	3.3	-16.7	
11,947.0	91.67	358.90	10,957.7	1,123.7	-396.3	0.42	-0.06	0.41	1.8	-15.4	
12,041.0	91.28	358.76	10,955.3	1,217.7	-398.2	0.44	-0.41	-0.15	0.7	-14.3	
12,135.0	91.44	358.86	10,953.1	1,311.6	-400.2	0.20	0.17	0.11	-0.2	-13.1	
12,229.0	91.42	359.07	10,950.7	1,405.6	-401.9	0.22	-0.02	0.22	-1.1	-12.2	
12,323.0	91.16	358.99	10,948.6	1,499.5	-403.5	0.29	-0.28	-0.09	-1.7	-11.4	
12,417.0	91.25	358.86	10,946.6	1,593.5	-405.2	0.17	0.10	-0.14	-2.2	-10.4	
12,511.0	91.64	358.78	10,944.3	1,687.4	-407.2	0.42	0.41	-0.09	-3.1	-9.3	
12,605.0	91.84	358.75	10,941.4	1,781.4	-409.2	0.22	0.21	-0.03	-4.5	-8.1	
12,700.0	91.58	358.65	10,938.6	1,876.3	-411.3	0.29	-0.27	-0.11	-5.9	-6.7	
12,794.0	91.67	358.55	10,935.9	1,970.2	-413.6	0.14	0.10	-0.11	-7.0	-5.2	
12,888.0	89.90	357.97	10,934.6	2,064.2	-416.5	1.98	-1.88	-0.62	-6.7	-3.2	
12,982.0	90.43	358.07	10,934.3	2,158.1	-419.7	0.57	0.56	0.11	-5.4	-0.7	
13,077.0	89.99	357.61	10,934.0	2,253.1	-423.3	0.67	-0.46	-0.48	-4.2	2.1	
13,171.0	90.49	357.61	10,933.6	2,347.0	-427.2	0.53	0.53	0.00	-3.0	5.2	
13,265.0	91.13	357.43	10,932.3	2,440.9	-431.3	0.71	0.68	-0.19	-2.8	8.4	
13,359.0	90.94	359.65	10,930.6	2,534.8	-433.7	2.37	-0.20	2.36	-2.9	10.0	
13,454.0	90.46	359.69	10,929.4	2,629.8	-434.3	0.51	-0.51	0.04	-2.5	9.8	
13,548.0	90.52	359.51	10,928.6	2,723.8	-434.9	0.20	0.06	-0.19	-1.7	9.6	
13,642.0	90.57	359.70	10,927.7	2,817.8	-435.6	0.21	0.05	0.20	-1.0	9.5	
13,737.0	90.55	359.00	10,926.8	2,912.8	-436.6	0.74	-0.02	-0.74	-0.4	9.8	
13,831.0	90.99	358.87	10,925.5	3,006.8	-438.4	0.49	0.47	-0.14	-0.1	10.7	
13,925.0	91.61	358.88	10,923.4	3,100.7	-440.2	0.66	0.66	0.01	-0.6	11.8	
14,020.0	90.10	0.85	10,922.0	3,195.7	-440.5	2.61	-1.59	2.07	-1.2	11.2	
14,114.0	90.15	0.79	10,921.8	3,289.7	-439.1	0.08	0.05	-0.06	-0.6	9.0	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3506.0usft
Site:	Hearns 34 State Com	MD Reference:	KB = 26' @ 3506.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,209.0	90.55	0.54	10,921.2	3,384.7	-438.0	0.50	0.42	-0.26	-0.4	7.1
14,303.0	90.29	0.42	10,920.5	3,478.7	-437.2	0.30	-0.28	-0.13	-0.3	5.5
14,397.0	90.52	359.91	10,919.8	3,572.7	-436.9	0.60	0.24	-0.54	-0.2	4.5
14,491.0	90.85	0.45	10,918.7	3,666.7	-436.7	0.67	0.35	0.57	-0.6	3.4
14,585.0	90.88	0.39	10,917.3	3,760.7	-436.0	0.07	0.03	-0.06	-1.2	1.9
14,679.0	91.39	0.52	10,915.4	3,854.6	-435.2	0.56	0.54	0.14	-2.3	0.3
14,774.0	91.92	0.91	10,912.7	3,949.6	-434.0	0.69	0.56	0.41	-4.3	-1.7
14,868.0	89.65	0.03	10,911.4	4,043.6	-433.3	2.59	-2.41	-0.94	-4.8	-3.2
14,962.0	89.59	359.96	10,912.0	4,137.6	-433.3	0.10	-0.06	-0.07	-3.4	-4.0
15,057.0	90.07	0.25	10,912.3	4,232.6	-433.1	0.59	0.51	0.31	-2.4	-5.0
15,151.0	90.32	359.69	10,912.0	4,326.6	-433.1	0.65	0.27	-0.60	-1.9	-5.8
15,245.0	90.24	359.49	10,911.5	4,420.6	-433.8	0.23	-0.09	-0.21	-1.6	-5.9
15,339.0	90.55	359.49	10,910.9	4,514.6	-434.7	0.33	0.33	0.00	-1.5	-5.8
15,434.0	90.66	359.39	10,909.9	4,609.6	-435.6	0.16	0.12	-0.11	-1.7	-5.7
15,528.0	90.66	358.92	10,908.8	4,703.5	-437.0	0.50	0.00	-0.50	-2.0	-5.1
15,622.0	91.14	358.74	10,907.3	4,797.5	-438.9	0.55	0.51	-0.19	-2.7	-4.0
15,694.0	90.83	358.71	10,906.1	4,869.5	-440.5	0.43	-0.43	-0.04	-3.4	-3.0
Last MWD Survey (MD=15694.0')										
15,750.0	91.14	358.74	10,905.1	4,925.5	-441.7	0.56	0.55	0.05	-3.9	-2.3
Projection to Bit (MD=15750.0')										



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3506.0usft
Site:	Hearns 34 State Com	MD Reference:	KB = 26' @ 3506.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

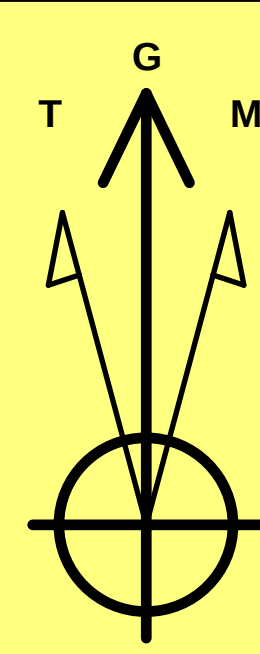
Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
10,245.0	10,229.8	-168.3	-301.1	KOP, MD:10245.0', TVD:10229.8', N/S:-168.3', E/W:-301.1', INC:1.52	
10,418.4	10,400.2	-141.8	-307.1	FTP Crossing, MD:10418.4', TVD:10400.2', N/S:-141.8', E/W:-307.1', INC:18.11	
15,694.0	10,906.1	4,869.5	-440.5	Last MWD Survey (MD=15694.0')	
15,750.0	10,905.1	4,925.5	-441.7	Projection to Bit (MD=15750.0')	

Checked By: _____	Approved By: _____	Date: _____
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I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE.
KAY MADDOX 11/29/2022

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



Azimuths to Grid North
True North: -0.41°
Magnetic North: 5.99°

Magnetic Field
Strength: 47350.1nT
Dip Angle: 59.82°
Date: 9/11/2022
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 5.99°
To convert a Magnetic Direction to a True Direction, Add 6.41° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

Lea County, NM (NAD 83 NME)

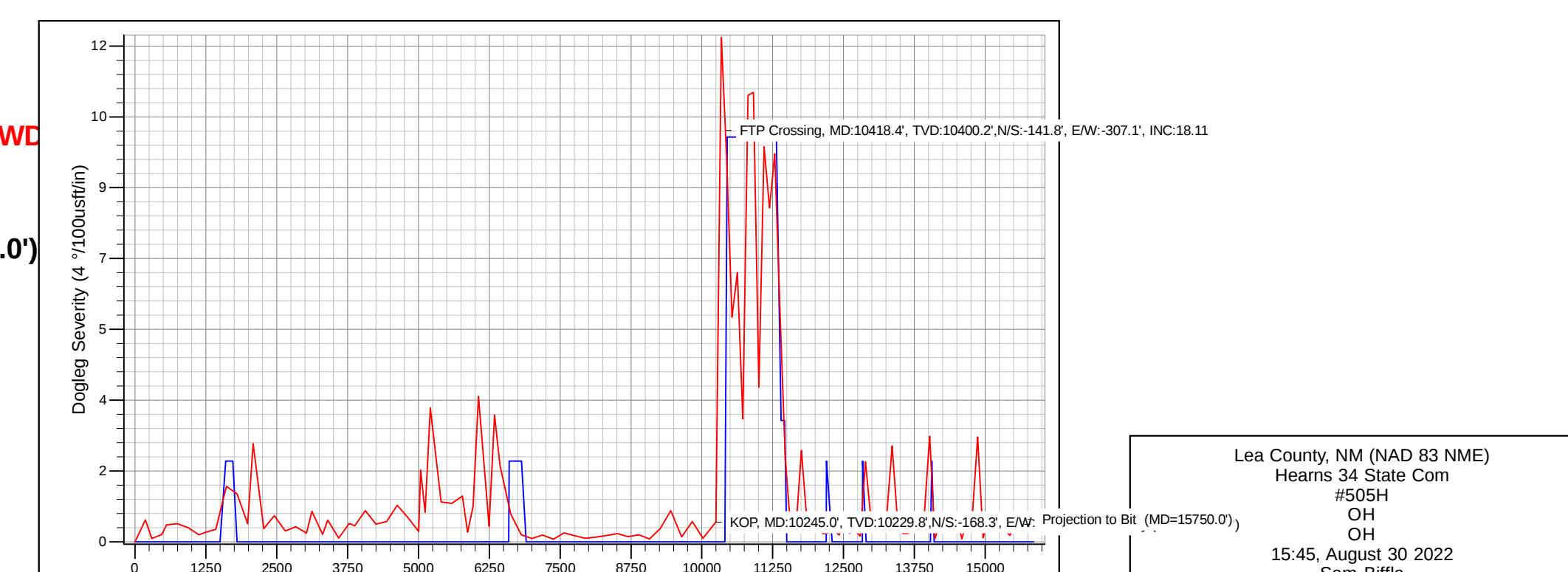
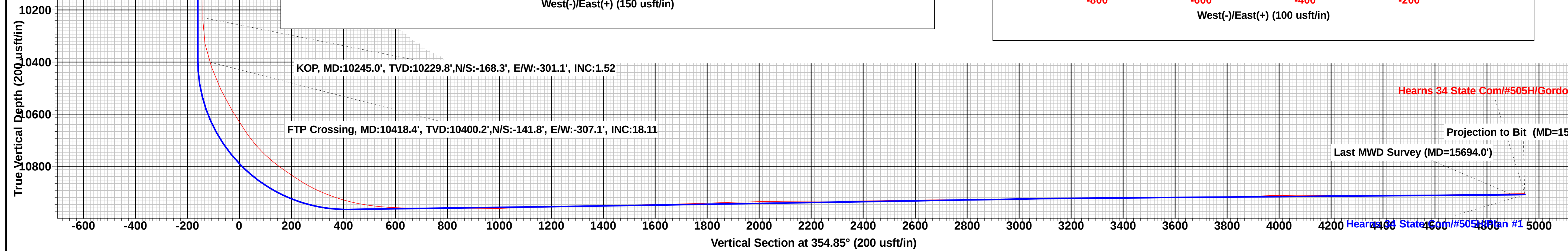
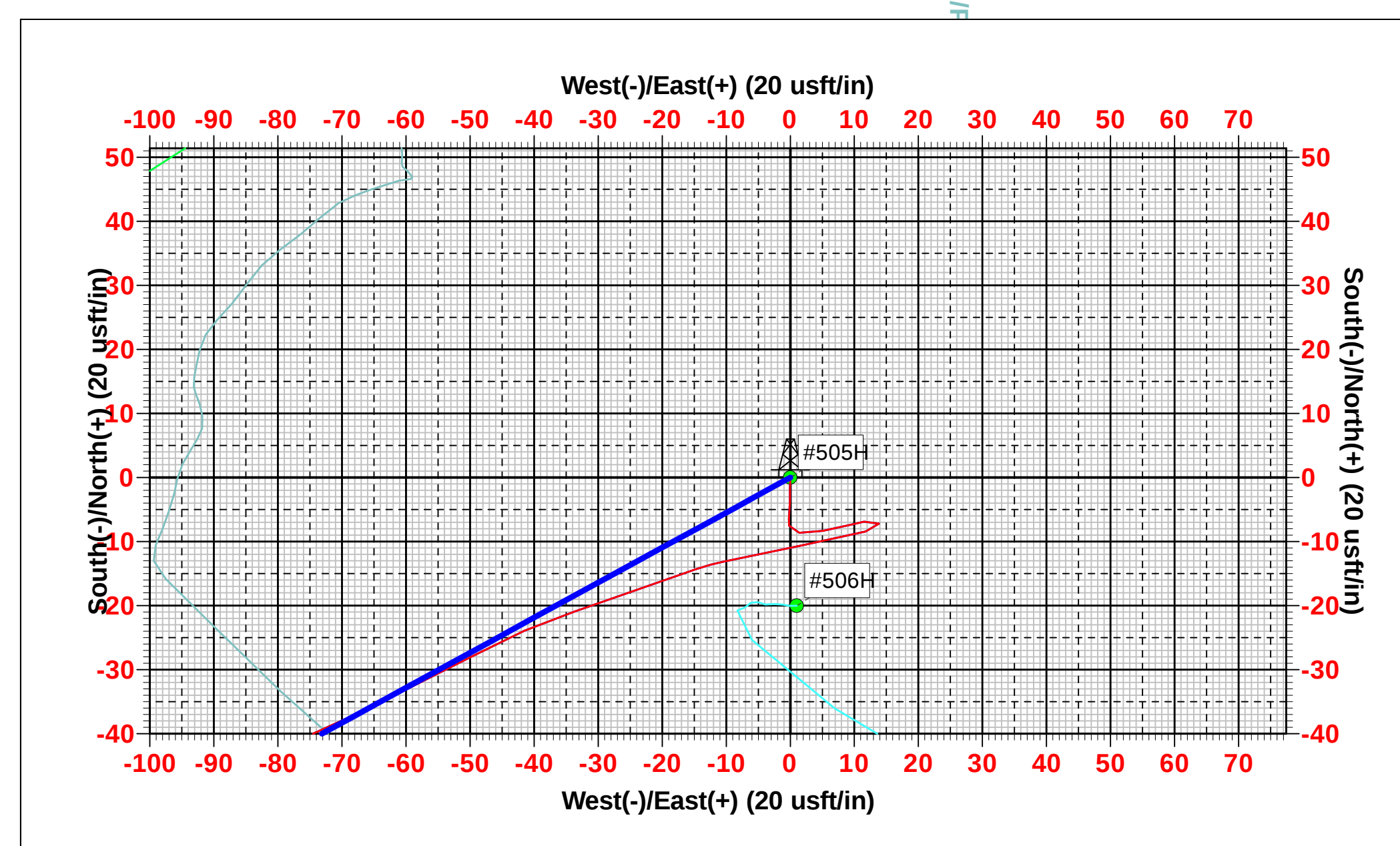
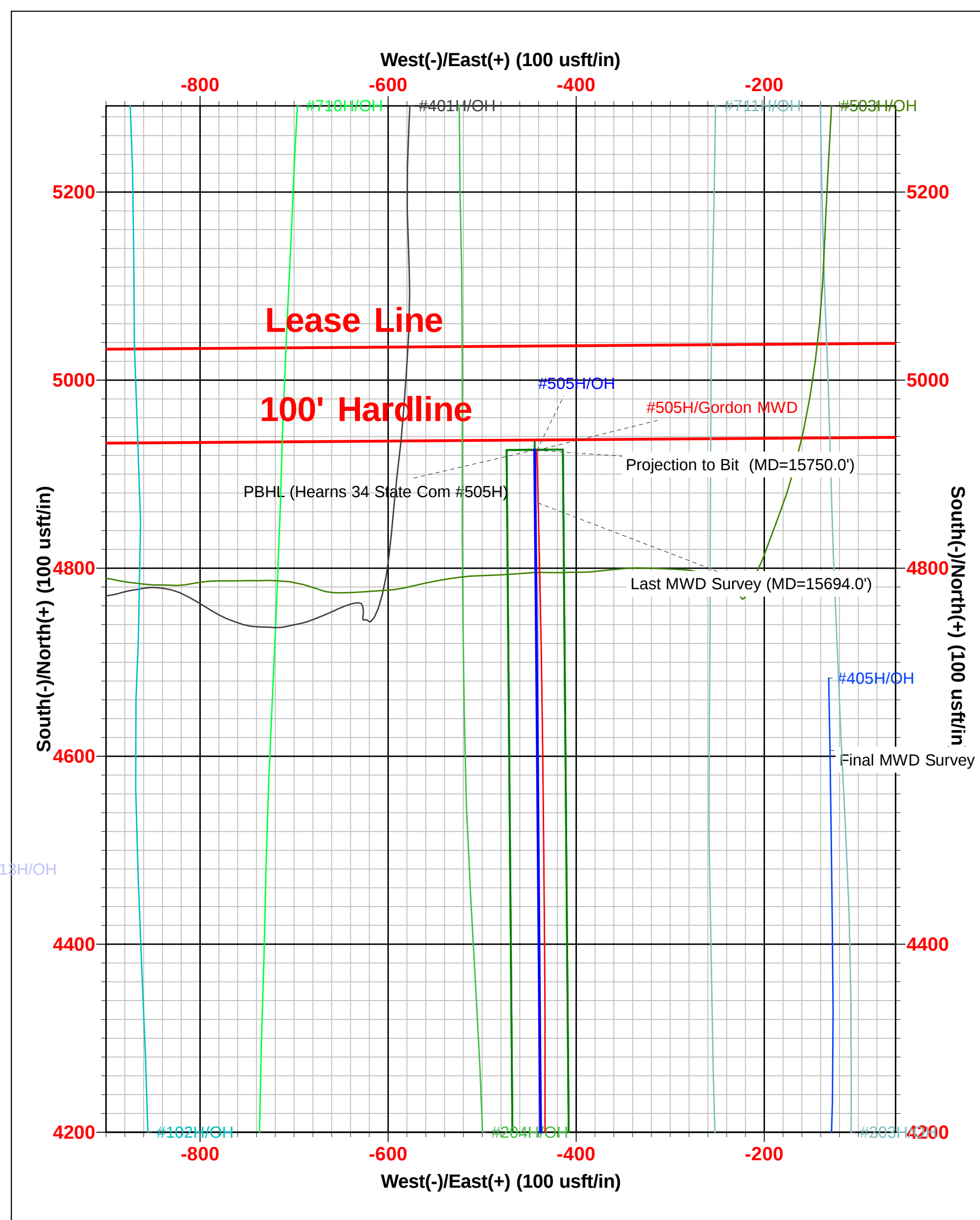
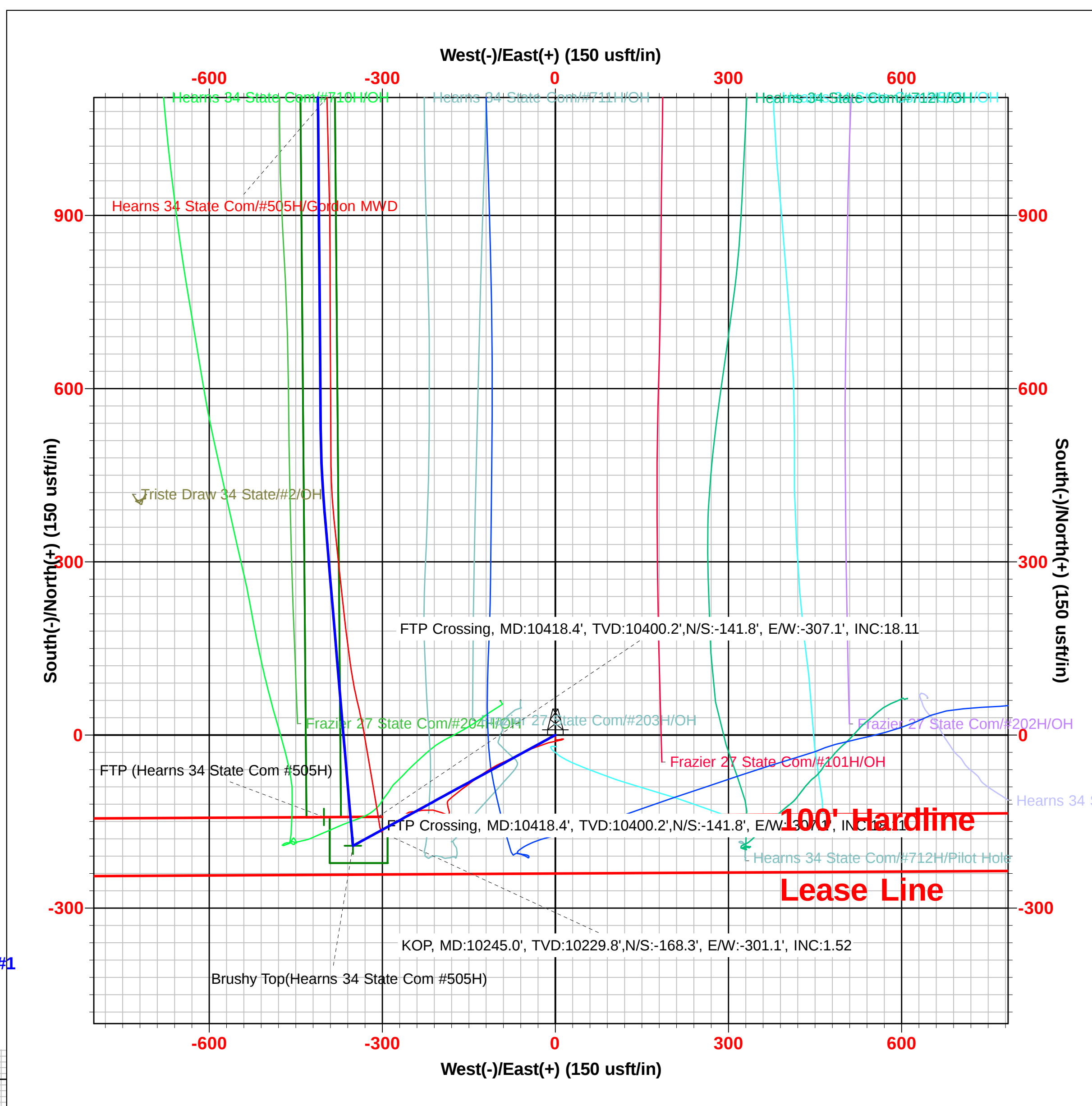
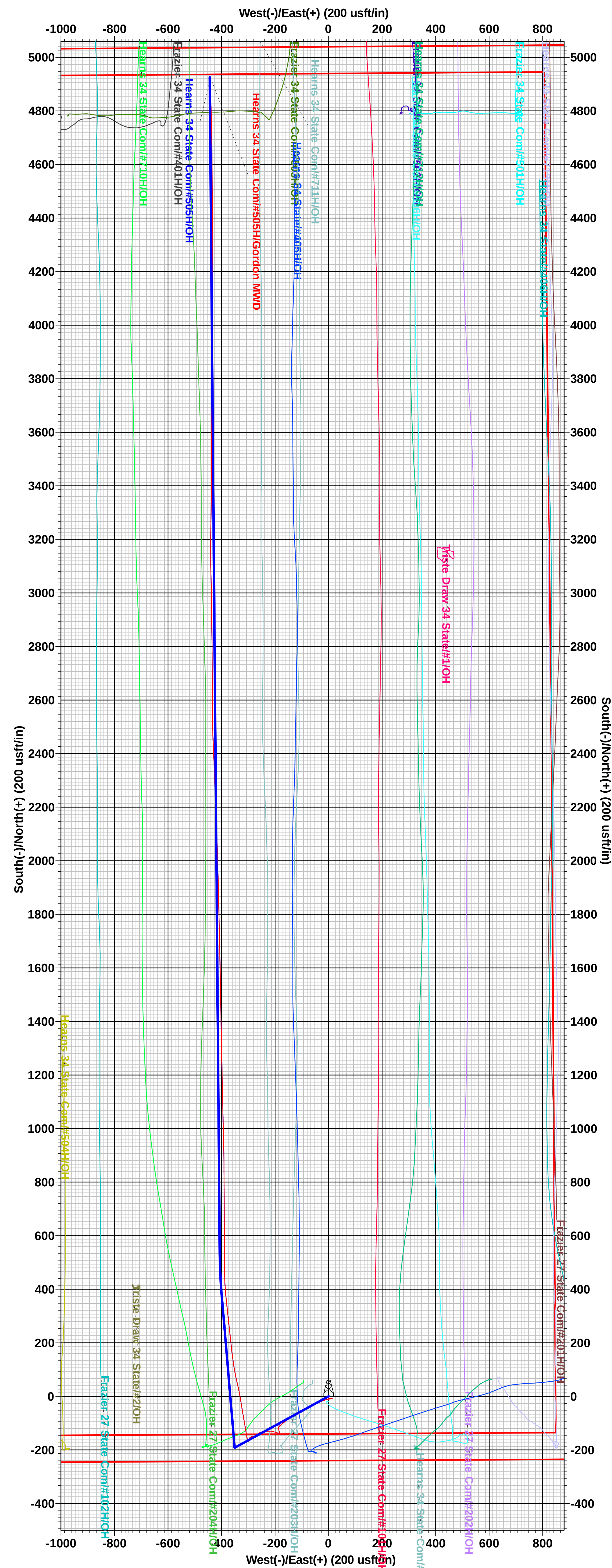
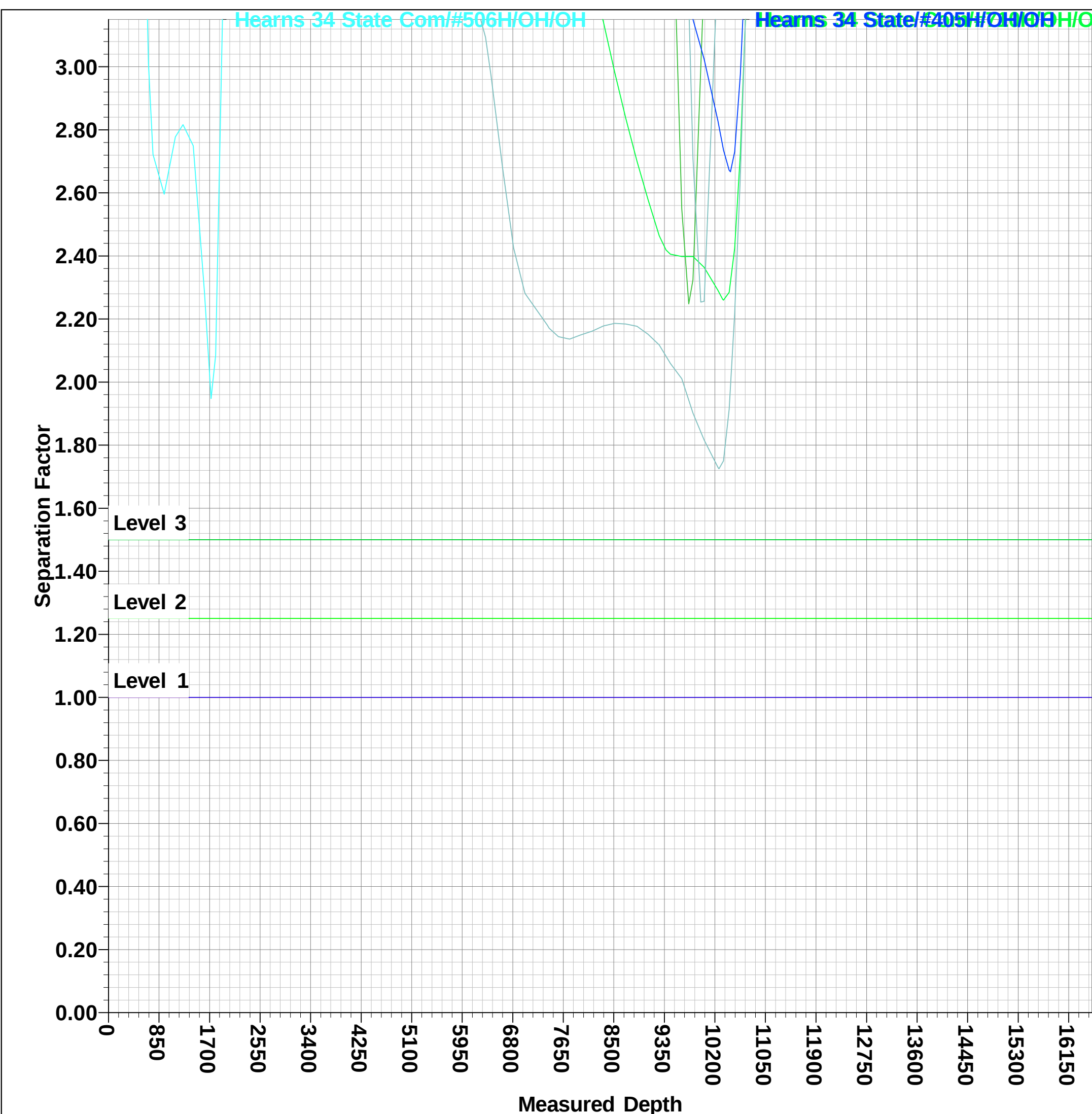
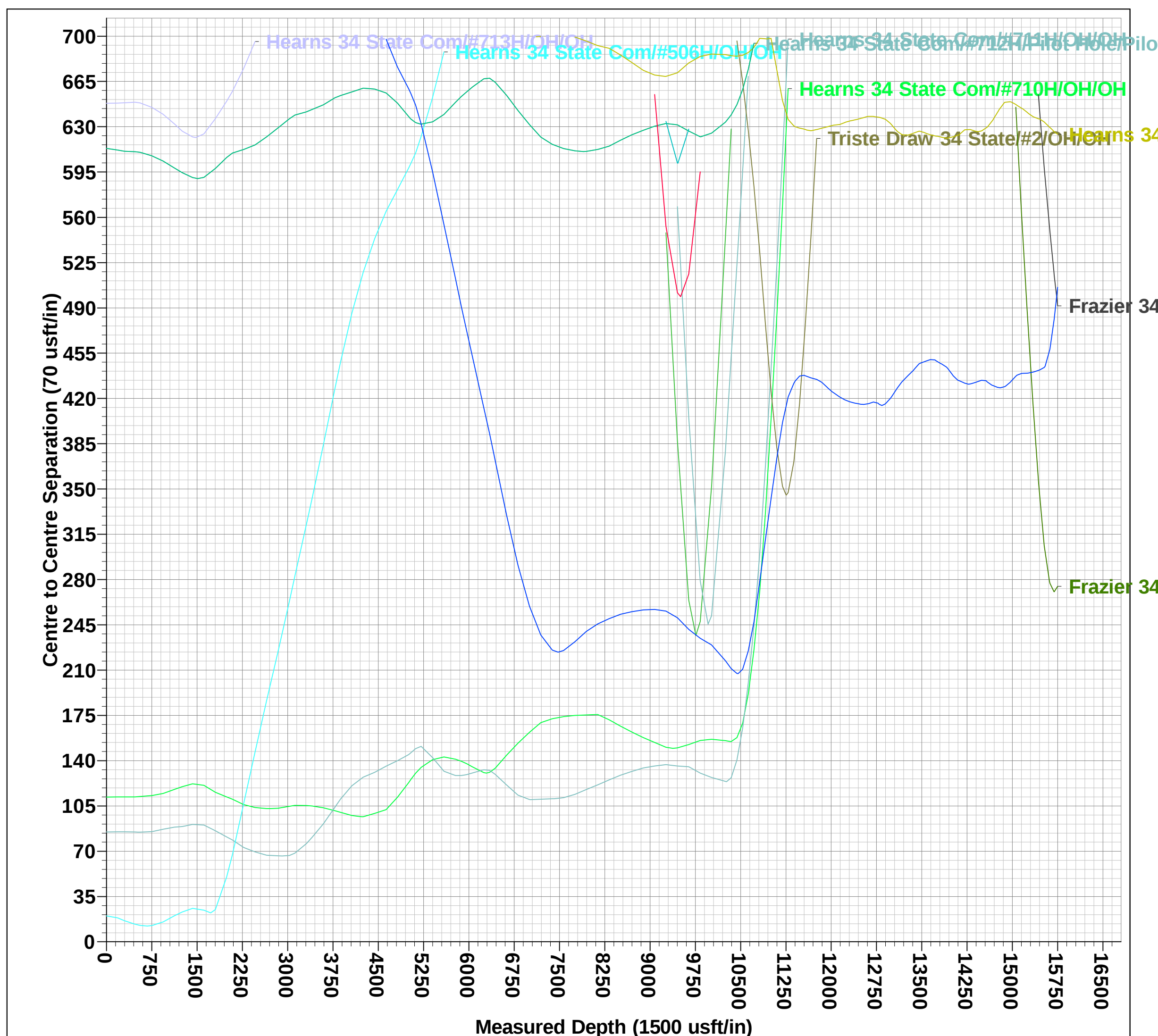
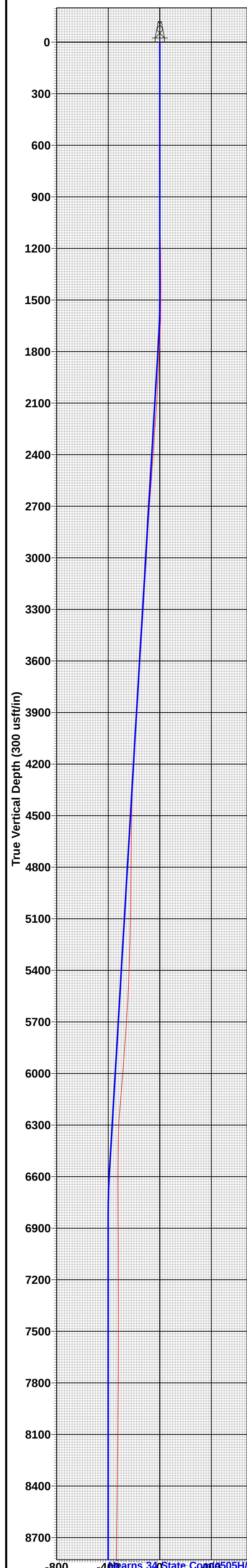
Hearns 34 State Com

#505H

OH

WELL DETAILS: #505H

KB = 26' @ 3506.0usft
+N/-S 0.0 +E/-W 0.0 Northing 425540.00 Easting 782034.00 Latitude 32° 10' 2.986 N Longitude 103° 33' 19.642 W



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		
								HEARNS 34 STATE COM		
								6. Well Number:		
								505H		
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, EAST			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	34	24S	33E		240'	SOUTH	1178'	EAST	LEA
BH:	B	34	24S	33E		110'	NORTH	1578'	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.)		
07/25/2022	08/30/2022		08/31/2022			11/08/2022		3480' GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
MD 15,750' TVD 10,905'			MD 15,713' TVD 10,905'			YES		None		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
BONE SPRING 11,030 - 15,713'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		1,305'		16"		2252 SXS CL C/CIRC		
9 5/8"		40# HCK 55		5,089'		12 1/4"		1745 SXS CL C&H/CIRC		
6"		24.5# ICYP 110		15,721'		7 7/8"		1135 SXS CL C&H TOC SURF 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.				
11,030 - 15,713' 3 1/8" 960 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,030 - 15,713		Frac w/10,654,934 lbs proppant; 170,121 bbls load fld		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
11/08/2022		FLOWING				PRODUCING				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
11/14/2022	24	128		499	611	1588	1225			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	1199					45				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
SOLD										
31. List Attachments										
C-102, C-103, C-104, Directional Survey, As-Completed plat										
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		Name			Title		Date			
		Kay Maddox			Regulatory Analyst		11/29/2022			
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 1,190'	T. Canyon BRUSHY 7,665'	T. Ojo Alamo	T. Penn A "
T. Salt 1,585'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4,975'	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 10,223'	T. Entrada	
T. Wolfcamp	T. 2ND BONE SPRING SAND 10,855'	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

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 162482

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 162482
	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
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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 162482

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 162482
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/20/2025