

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 02/22/2021	
⁴ API Number 30 - 025-46445	⁵ Pool Name WC025 G09 S253309P; UPPER WOLFCAMP		⁶ Pool Code 98180
⁷ Property Code 325728	⁸ Property Name ADDER 31 STATE		⁹ Well Number 743H

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
O	31	24S	33E		251	SOUTH	2089	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
B	31	24S	33E		101	NORTH	2522	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 10/03/2019	²² Ready Date 02/22/2021	²³ TD 17,869	²⁴ PBTD 17,843	²⁵ Perforations 13047 - 17843'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12 1/4		9 5/8"		1214'	420 SXS CL C/CIRC
8 3/4"		7 5/8"		11,828'	1494 SXS CL C&H/CIRC
6 3/4"		5 1/2"		17,855'	545 SXS CL H TOC 9300' CBL

V. Well Test Data

³¹ Date New Oil 02/22/2021	³² Gas Delivery Date 02/22/2021	³³ Test Date 02/27/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2005
³⁷ Choke Size 56	³⁸ Oil 1441	³⁹ Water 5058	⁴⁰ Gas 8363		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: 03/25/2021	Phone: 432-638-8475	OIL CONSERVATION DIVISION	
	Approved by: <i>PATRICIA MARTINEZ</i>		
	Title: <i>PETROLEUM SPECIALIST</i>		
	Approval Date: <i>9/15/2021</i>		

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

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District Office

☐ AMENDED REPORT
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46445	² Pool Code 98180	³ Pool Name WC025 G09 S253309P; UPPER WOLFCAMP
⁴ Property Code 325728	⁵ Property Name ADDER 31 STATE	⁶ Well Number #743H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3502'

¹⁰Surface Location

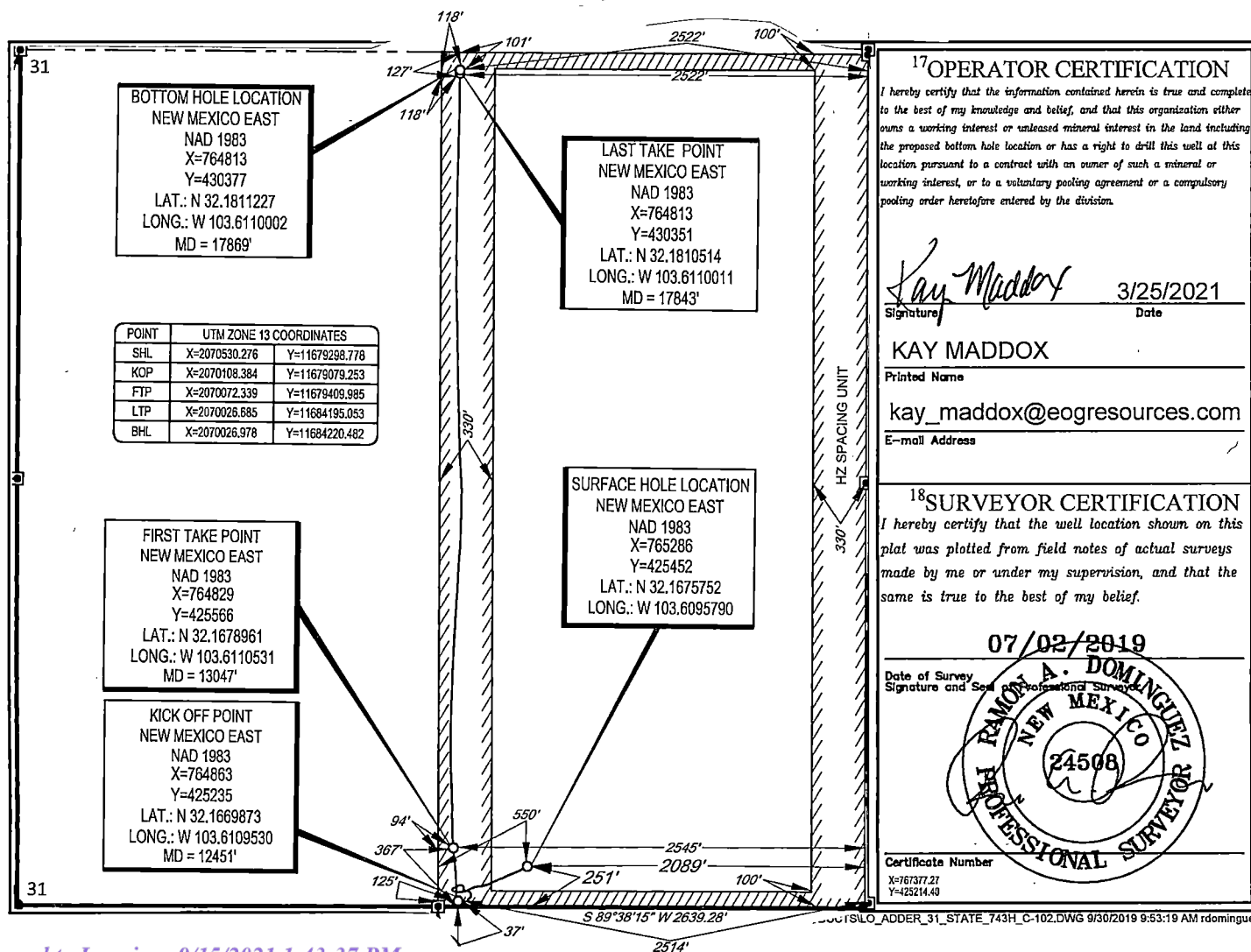
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	31	24-S	33-E	-	251'	SOUTH	2089'	EAST	LEA

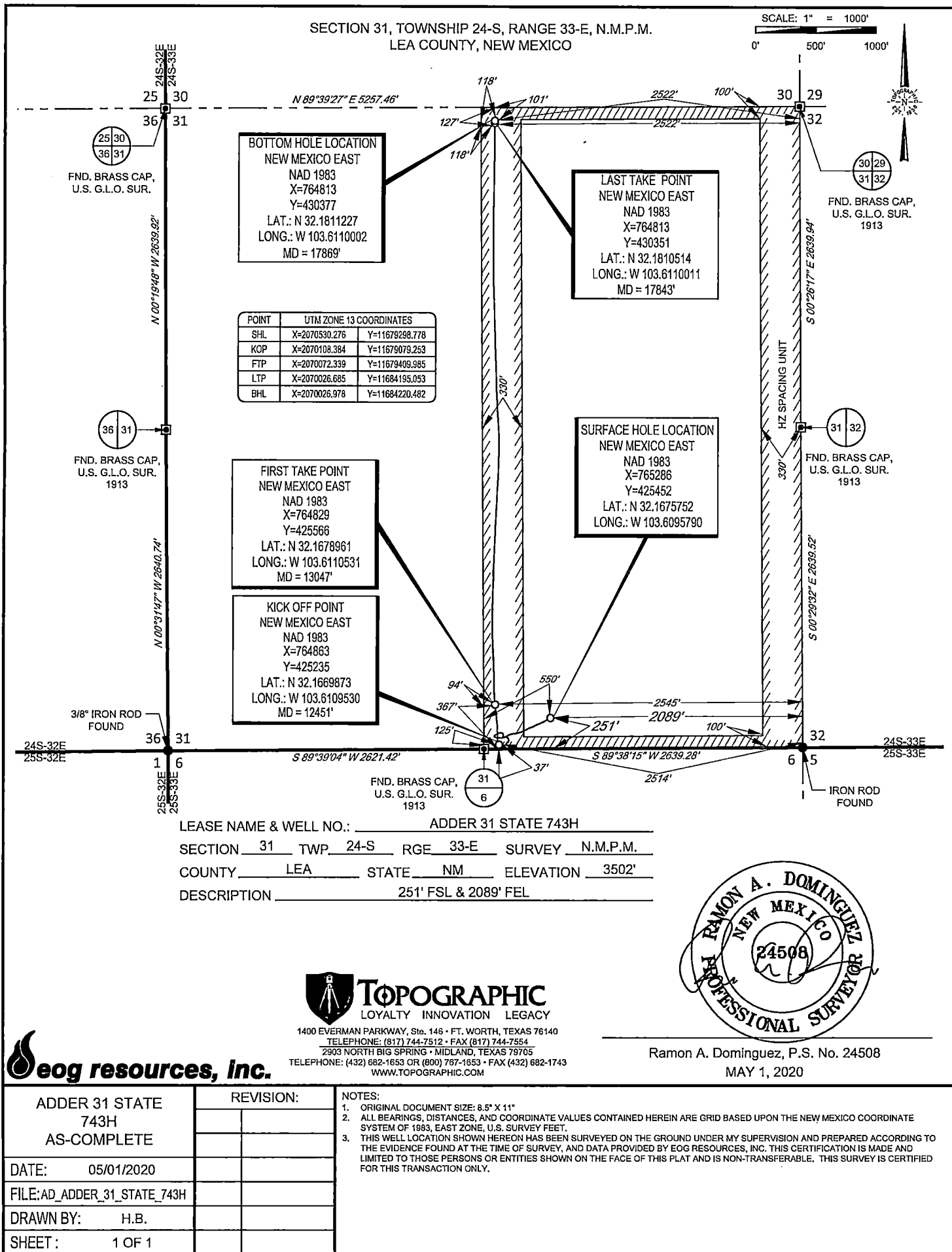
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	31	24-S	33-E	-	101'	NORTH	2522'	EAST	LEA

¹² Dedicated Acres 320	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.







EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Adder 31 State

#743H

OH

Design: OH

Midland PVA

21 January, 2020

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #743H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3527.0usft
Site:	Adder 31 State	MD Reference:	KB = 25 @ 3527.0usft
Well:	#743H	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	Adder 31 State		
Site Position:		Northing:	425,513.00 usft
From:	Map	Easting:	765,412.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 3.867 N
		Longitude:	103° 36' 33.017 W
		Grid Convergence:	0.39 °

Well		#743H				
Well Position	+N/-S	0.0 usft	Northing:	425,452.00 usft	Latitude:	32° 10' 3.272 N
	+E/-W	0.0 usft	Easting:	765,286.00 usft	Longitude:	103° 36' 34.488 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,502.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/1/2019	6.70	59.97	47,647.60690720

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	354.20

Survey Program	Date	1/21/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
193.0	17,869.0	Prodirectional (OH)	EOG MWD+IFR1	MWD + IFR1



Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #743H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #743H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
193.0	1.00	255.30	193.0	-0.4	-1.6	0.52	0.52	0.00	-1.7	0.0
364.0	1.00	250.40	364.0	-1.3	-4.5	0.05	0.00	-2.87	-4.7	-0.3
538.0	0.80	260.30	537.9	-2.0	-7.1	0.15	-0.11	5.69	-7.3	0.8
724.0	0.80	256.70	723.9	-2.5	-9.6	0.03	0.00	-1.94	-10.0	0.3
912.0	0.70	270.70	911.9	-2.8	-12.1	0.11	-0.05	7.45	-12.0	3.0
1,099.0	0.80	270.10	1,098.9	-2.8	-14.5	0.05	0.05	-0.32	-14.5	2.8
1,163.0	0.70	268.50	1,162.9	-2.8	-15.4	0.16	-0.16	-2.50	-15.4	2.4
1,315.0	1.30	242.40	1,314.9	-3.6	-17.8	0.49	0.39	-17.17	-17.4	-5.0
1,502.0	5.80	232.30	1,501.5	-10.4	-27.2	2.42	2.41	-5.40	-20.9	-6.7
1,690.0	5.70	230.50	1,688.5	-22.2	-41.9	0.11	-0.05	-0.96	-21.0	-2.5
1,878.0	7.80	246.90	1,875.2	-33.1	-60.8	1.51	1.12	8.72	-19.7	5.8
2,065.0	7.80	249.00	2,060.5	-42.6	-84.4	0.15	0.00	1.12	-22.1	5.8
2,252.0	7.30	247.40	2,245.9	-51.7	-107.2	0.29	-0.27	-0.86	-24.0	4.3
2,439.0	7.10	246.00	2,431.4	-61.0	-128.7	0.14	-0.11	-0.75	-24.8	3.5
2,626.0	6.80	244.90	2,617.0	-70.4	-149.3	0.18	-0.16	-0.59	-24.7	3.2
2,812.0	6.20	245.20	2,801.8	-79.3	-168.4	0.32	-0.32	0.16	-23.0	3.7
3,001.0	5.40	245.10	2,989.9	-87.3	-185.7	0.42	-0.42	-0.05	-19.1	4.1
3,188.0	4.70	242.70	3,176.1	-94.5	-200.5	0.39	-0.37	-1.28	-12.9	4.2
3,375.0	7.30	244.70	3,362.1	-103.1	-218.0	1.39	1.39	1.07	-9.4	5.5
3,563.0	6.20	247.70	3,548.8	-112.1	-238.2	0.61	-0.59	1.60	-8.3	5.9
3,751.0	7.60	256.00	3,735.4	-118.9	-259.7	0.91	0.74	4.41	-7.3	4.5
3,938.0	5.50	260.10	3,921.2	-123.5	-280.5	1.15	-1.12	2.19	-6.1	0.4
4,126.0	6.90	263.90	4,108.1	-126.2	-300.6	0.78	0.74	2.02	-4.5	-5.6
4,313.0	5.50	255.90	4,294.0	-129.6	-320.5	0.88	-0.75	-4.28	-1.3	-11.7
4,500.0	6.20	248.30	4,480.0	-135.5	-338.6	0.56	0.37	-4.06	4.1	-13.8
4,686.0	6.70	236.30	4,664.8	-145.3	-356.9	0.77	0.27	-6.45	8.5	-11.0



Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #743H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #743H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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)
4,874.0	7.00	250.70	4,851.5	-155.1	-376.9	0.92	0.16	7.66	6.3	-11.9
5,062.0	6.80	258.10	5,038.2	-161.2	-398.6	0.48	-0.11	3.94	4.7	-15.9
5,249.0	6.90	273.40	5,223.8	-162.8	-420.6	0.97	0.05	8.18	-1.3	-24.1
5,437.0	7.60	289.20	5,410.4	-158.1	-443.6	1.12	0.37	8.40	-14.3	-35.4
5,530.0	5.10	286.70	5,502.8	-154.9	-453.4	2.70	-2.69	-2.69	-16.2	-42.3
5,624.0	2.50	312.70	5,596.6	-152.3	-458.9	3.25	-2.77	27.66	-36.4	-34.8
5,811.0	3.40	14.70	5,783.4	-144.1	-460.5	1.68	0.48	33.16	-57.5	16.7
5,999.0	4.40	67.30	5,971.0	-136.0	-452.4	1.90	0.53	27.98	-32.2	60.3
6,185.0	4.00	62.10	6,156.5	-130.2	-440.1	0.30	-0.22	-2.80	-51.2	56.5
6,371.0	3.70	59.50	6,342.1	-124.1	-429.2	0.19	-0.16	-1.40	-66.2	53.8
6,558.0	4.00	88.00	6,528.7	-120.8	-417.5	1.02	0.16	15.24	-44.3	81.8
6,745.0	4.10	91.60	6,715.2	-120.7	-404.3	0.15	0.05	1.93	-52.3	84.8
6,933.0	3.40	121.40	6,902.8	-123.8	-392.8	1.09	-0.37	15.85	-14.7	102.9
7,119.0	2.20	179.70	7,088.6	-130.3	-388.1	1.57	-0.65	31.34	73.3	71.3
7,306.0	2.00	199.50	7,275.5	-137.0	-389.2	0.40	-0.11	10.59	86.5	43.5
7,492.0	1.40	193.80	7,461.4	-142.2	-390.8	0.33	-0.32	-3.06	76.3	51.5
7,606.9	1.28	172.69	7,576.2	-144.9	-391.0	0.44	-0.11	-18.37	50.0	75.0
Brushy Top(Adder 31 State #743H)										
7,678.0	1.30	158.80	7,647.4	-146.4	-390.6	0.44	0.03	-19.53	29.0	84.6
7,864.0	2.00	94.20	7,833.3	-148.6	-386.6	1.00	0.38	-34.73	-68.2	60.6
8,050.0	1.60	117.40	8,019.2	-150.0	-381.0	0.44	-0.22	12.47	-44.4	83.8
8,237.0	2.90	104.20	8,206.1	-152.4	-374.1	0.74	0.70	-7.06	-69.6	70.9
8,424.0	2.50	80.50	8,392.9	-152.9	-365.5	0.63	-0.21	-12.67	-100.6	35.0
8,611.0	1.80	129.20	8,579.7	-154.1	-359.2	1.01	-0.37	26.04	-45.8	101.8
8,799.0	1.30	129.60	8,767.7	-157.3	-355.3	0.27	-0.27	0.21	-50.1	102.1
8,987.0	1.80	126.20	8,955.6	-160.4	-351.2	0.27	0.27	-1.81	-61.2	98.8
9,173.0	1.70	146.60	9,141.5	-164.4	-347.4	0.34	-0.05	10.97	-28.4	115.0

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #743H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #743H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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)
9,361.0	2.40	159.30	9,329.4	-170.4	-344.4	0.44	0.37	6.76	-9.1	119.0
9,548.0	3.00	172.70	9,516.2	-178.9	-342.4	0.46	0.32	7.17	10.0	118.8
9,736.0	2.20	206.40	9,704.0	-187.1	-343.4	0.90	-0.43	17.93	66.5	96.0
9,922.0	1.90	218.50	9,889.9	-192.7	-346.9	0.28	-0.16	6.51	78.6	80.7
10,108.0	2.10	229.00	10,075.8	-197.3	-351.4	0.22	0.11	5.65	85.6	65.6
10,295.0	1.80	231.00	10,262.7	-201.4	-356.3	0.16	-0.16	1.07	81.4	62.7
10,483.0	1.10	230.50	10,450.6	-204.4	-360.0	0.37	-0.37	-0.27	76.1	63.3
10,669.0	1.20	206.00	10,636.6	-207.3	-362.2	0.27	0.05	-13.17	39.5	88.5
10,855.0	3.10	208.10	10,822.4	-213.5	-365.4	1.02	1.02	1.13	35.7	87.0
11,042.0	4.00	204.70	11,009.1	-223.9	-370.5	0.49	0.48	-1.82	18.9	88.7
11,229.0	5.30	258.90	11,195.5	-231.5	-381.7	2.35	0.70	28.98	70.4	42.0
11,417.0	2.90	266.60	11,383.0	-233.4	-395.0	1.31	-1.28	4.10	62.1	33.2
11,605.0	2.10	311.80	11,570.9	-231.4	-402.3	1.09	-0.43	24.04	60.5	-17.4
11,783.0	1.50	297.00	11,748.8	-228.2	-406.8	0.42	-0.34	-8.31	57.5	-2.1
11,922.0	1.70	304.80	11,887.7	-226.2	-410.1	0.21	0.14	5.61	52.8	-9.7
12,109.0	1.80	319.30	12,074.6	-222.4	-414.3	0.24	0.05	7.75	43.0	-21.9
12,203.0	1.60	329.40	12,168.6	-220.1	-416.0	0.38	-0.21	10.74	35.8	-28.8
12,296.0	1.60	286.60	12,261.6	-218.6	-417.9	1.26	0.00	-46.02	43.6	2.3
12,391.0	2.30	273.60	12,356.5	-218.1	-421.0	0.87	0.74	-13.68	38.8	11.7
12,451.0	3.70	311.56	12,416.4	-216.8	-423.7	3.93	2.33	63.27	34.9	-13.9
KOP, MD:12451.0', TVD:12416.4', N/S:-216.8', E/W:-423.7', INC:3.70										
12,484.0	4.80	320.90	12,449.3	-215.0	-425.4	3.93	3.33	28.30	30.0	-19.0
12,578.0	17.30	341.00	12,541.4	-198.7	-432.4	13.72	13.30	21.38	15.2	-23.1
12,671.0	27.20	2.70	12,627.5	-164.2	-435.9	13.67	10.65	23.33	0.9	-23.4
12,692.4	29.91	1.79	12,646.3	-154.0	-435.5	12.81	12.65	-4.23	0.1	-23.9
FTP Crossing, MD:12692.4', TVD:12646.3', N/S:-154.0', E/W:-435.5', INC:29.91										
12,764.0	39.00	359.60	12,705.3	-113.5	-435.1	12.81	12.70	-3.06	-3.5	-24.6

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #743H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3527.0usft
Site:	Adder 31 State	MD Reference:	KB = 25 @ 3527.0usft
Well:	#743H	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)
12,818.0	49.00	355.80	12,744.1	-76.1	-436.8	19.15	18.52	-7.04	-7.6	-23.6
12,858.0	51.00	354.60	12,769.8	-45.6	-439.3	5.50	5.00	-3.00	-11.5	-21.6
FTP(Adder 31 State #743H)										
12,952.0	56.80	352.60	12,825.2	29.8	-447.8	6.40	6.17	-2.13	-14.0	-13.9
13,046.0	65.70	354.80	12,870.4	111.7	-456.8	9.69	9.47	2.34	-10.0	-5.0
13,140.0	78.20	357.30	12,899.4	200.7	-462.9	13.53	13.30	2.66	-4.4	0.7
13,233.0	90.20	359.30	12,908.8	293.0	-465.6	13.08	12.90	2.15	-0.8	2.7
13,326.0	89.80	358.20	12,908.8	385.9	-467.6	1.26	-0.43	-1.18	-1.3	4.0
13,420.0	89.70	357.70	12,909.2	479.9	-471.0	0.54	-0.11	-0.53	-1.5	6.6
13,513.0	89.50	357.00	12,909.9	572.8	-475.3	0.78	-0.22	-0.75	-1.5	10.2
13,605.0	91.10	358.90	12,909.4	664.7	-478.6	2.70	1.74	2.07	-2.5	12.8
13,698.0	92.20	359.90	12,906.7	757.7	-479.6	1.60	1.18	1.08	-5.8	13.0
13,792.0	92.40	0.00	12,903.0	851.6	-479.6	0.24	0.21	0.11	-10.1	12.4
13,885.0	90.60	1.10	12,900.5	944.6	-478.7	2.27	-1.94	1.18	-13.1	10.8
13,978.0	90.80	1.90	12,899.4	1,037.5	-476.3	0.89	0.22	0.86	-14.9	7.6
14,071.0	89.70	1.40	12,899.0	1,130.5	-473.6	1.30	-1.18	-0.54	-15.8	4.2
14,164.0	89.60	1.10	12,899.5	1,223.4	-471.6	0.34	-0.11	-0.32	-15.8	1.5
14,258.0	90.50	1.80	12,899.5	1,317.4	-469.2	1.21	0.96	0.74	-16.5	-1.7
14,351.0	89.00	2.70	12,899.9	1,410.3	-465.6	1.88	-1.61	0.97	-16.7	-6.0
14,445.0	88.80	3.00	12,901.7	1,504.2	-460.9	0.38	-0.21	0.32	-15.5	-11.4
14,538.0	89.10	2.90	12,903.4	1,597.1	-456.1	0.34	0.32	-0.11	-14.4	-16.9
14,632.0	88.40	2.80	12,905.4	1,690.9	-451.4	0.75	-0.74	-0.11	-12.9	-22.3
14,726.0	89.10	2.70	12,907.5	1,784.8	-446.9	0.75	0.74	-0.11	-11.4	-27.6
14,820.0	90.70	4.00	12,907.6	1,878.6	-441.4	2.19	1.70	1.38	-11.8	-33.8
14,900.8	91.05	3.30	12,906.4	1,959.3	-436.3	0.96	0.43	-0.86	-13.6	-39.6
TGT#1(Adder 31 State #743H)										
14,913.0	91.10	3.20	12,906.2	1,971.4	-435.6	0.96	0.43	-0.86	-13.8	-40.4



Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #743H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #743H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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)
15,006.0	91.10	1.70	12,904.4	2,064.3	-431.6	1.61	0.00	-1.61	-15.5	-45.1
15,099.0	89.80	0.30	12,903.7	2,157.3	-430.0	2.05	-1.40	-1.51	-16.1	-47.4
15,193.0	87.60	0.30	12,905.8	2,251.3	-429.5	2.34	-2.34	0.00	-13.9	-48.7
15,287.0	86.90	357.80	12,910.3	2,345.1	-431.1	2.76	-0.74	-2.66	-9.1	-47.9
15,380.0	86.20	356.70	12,915.9	2,437.9	-435.5	1.40	-0.75	-1.18	-3.3	-44.1
15,473.0	86.10	356.20	12,922.2	2,530.5	-441.3	0.55	-0.11	-0.54	3.1	-39.1
15,567.0	88.20	356.70	12,926.8	2,624.2	-447.1	2.30	2.23	0.53	7.8	-34.0
15,660.0	89.50	357.90	12,928.7	2,717.1	-451.5	1.90	1.40	1.29	9.8	-30.4
15,753.0	90.20	358.80	12,928.9	2,810.0	-454.1	1.23	0.75	0.97	10.2	-28.4
15,847.0	89.70	358.20	12,929.0	2,904.0	-456.6	0.83	-0.53	-0.64	10.4	-26.7
15,940.0	89.10	357.70	12,930.0	2,996.9	-459.9	0.84	-0.65	-0.54	11.5	-24.1
16,034.0	91.10	358.30	12,929.8	3,090.9	-463.2	2.22	2.13	0.64	11.5	-21.5
16,127.0	91.90	358.90	12,927.4	3,183.8	-465.5	1.08	0.86	0.65	9.2	-20.0
16,220.0	92.10	358.90	12,924.1	3,276.7	-467.3	0.22	0.22	0.00	6.1	-18.9
16,314.0	92.30	358.30	12,920.5	3,370.6	-469.6	0.67	0.21	-0.64	2.6	-17.4
16,407.0	90.70	357.70	12,918.1	3,463.5	-472.8	1.84	-1.72	-0.65	0.3	-14.9
16,501.0	90.50	358.30	12,917.1	3,557.5	-476.1	0.67	-0.21	0.64	-0.5	-12.3
16,595.0	91.30	359.40	12,915.6	3,651.4	-478.0	1.45	0.85	1.17	-1.8	-11.2
16,689.0	89.50	359.60	12,915.0	3,745.4	-478.8	1.93	-1.91	0.21	-2.4	-11.1
16,782.0	89.80	359.60	12,915.6	3,838.4	-479.4	0.32	0.32	0.00	-1.6	-11.1
16,876.0	89.10	359.40	12,916.5	3,932.4	-480.3	0.77	-0.74	-0.21	-0.6	-11.1
16,914.4	89.34	359.52	12,917.0	3,970.8	-480.6	0.71	0.64	0.32	0.0	-11.0
TGT#2(Adder 31 State #743H)										
16,970.0	89.70	359.70	12,917.4	4,026.4	-481.0	0.71	0.64	0.32	0.8	-11.1
17,063.0	88.60	1.30	12,918.8	4,119.4	-480.2	2.09	-1.18	1.72	2.9	-12.6
17,158.0	86.80	1.10	12,922.6	4,214.3	-478.2	1.91	-1.89	-0.21	7.4	-15.3
17,251.0	86.90	0.60	12,927.7	4,307.1	-476.8	0.55	0.11	-0.54	13.2	-17.4

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #743H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #743H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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)
17,345.0	86.40	0.30	12,933.2	4,401.0	-476.1	0.62	-0.53	-0.32	19.4	-18.9
17,439.0	86.20	1.00	12,939.3	4,494.8	-475.0	0.77	-0.21	0.74	26.1	-20.7
17,533.0	86.80	0.30	12,945.0	4,588.6	-474.0	0.98	0.64	-0.74	32.6	-22.5
17,627.0	86.70	0.20	12,950.4	4,682.4	-473.5	0.15	-0.11	-0.11	38.6	-23.7
17,721.0	86.80	0.10	12,955.7	4,776.3	-473.3	0.15	0.11	-0.11	44.6	-24.6
17,814.0	85.80	0.20	12,961.7	4,869.1	-473.1	1.08	-1.08	0.11	51.3	-25.6
Last MWD Survey (MD=17814.0')										
17,856.9	85.80	0.20	12,964.8	4,911.9	-472.9	0.00	0.00	0.00	54.8	-26.1
PBHL(Adder 31 State #743H)										
17,869.0	85.80	0.20	12,965.7	4,923.9	-472.9	0.00	0.00	0.00	56.1	-26.6
Projection to Bit (MD=17869.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,451.0	12,416.4	-216.8	-423.7	KOP, MD:12451.0', TVD:12416.4', N/S:-216.8', E/W:-423.7', INC:3.70
12,692.4	12,646.3	-154.0	-435.5	FTP Crossing, MD:12692.4', TVD:12646.3', N/S:-154.0', E/W:-435.5', INC:29.91
17,814.0	12,961.7	4,869.1	-473.1	Last MWD Survey (MD=17814.0')
17,869.0	12,965.7	4,923.9	-472.9	Projection to Bit (MD=17869.0')

Checked By: _____ Approved By: _____ Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 3/25/2021



Lea County, NM (NAD 83 NME)

Adder 31 State #743H

Plan #1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

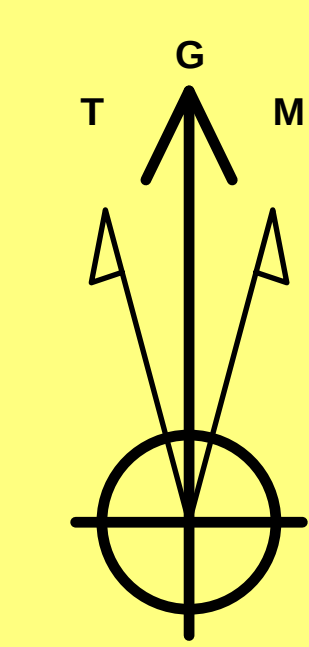
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #743H

KB = 25 @ 3527.0usft 3502.0
Northing 425452.00 Easting 765286.00 Latitude 32° 10' 3.272 N Longitude 103° 36' 34.488 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	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1650.1	7.00	246.04	1649.2	-8.7	-19.5	2.00	246.04	-6.7	
4	5419.7	7.00	246.04	5390.8	-195.3	-439.5	0.00	0.00	-149.9	
5	5769.9	0.00	0.00	5740.0	-204.0	-459.0	2.00	180.00	-156.6	
6	12461.9	0.00	0.00	12432.0	-204.0	-459.0	0.00	0.00	-156.6	
7	13208.9	89.64	359.55	12909.5	270.5	-462.7	12.00	359.55	315.8	
8	14900.5	89.64	359.55	12920.0	1962.0	-475.9	0.00	0.00	2000.0	TGT#1(Adder 31 State #743H)
9	14922.8	90.09	359.55	12920.1	1984.3	-476.1	2.00	0.00	2022.2	
10	16909.3	90.09	359.55	12917.0	3970.7	-491.6	0.00	0.00	4000.0	TGT#2(Adder 31 State #743H)
11	16926.2	90.43	359.55	12916.9	3987.7	-491.7	2.00	0.00	4016.9	
12	17854.6	90.43	359.55	12910.0	4916.0	-499.0	0.00	0.00	4941.3	PBHL(Adder 31 State #743H)



Azimuths to Grid North
True North: -0.39°
Magnetic North: 6.31°

Magnetic Field
Strength: 47647.6nT
Dip Angle: 59.97°
Date: 12/1/2019
Model: IGRF2015

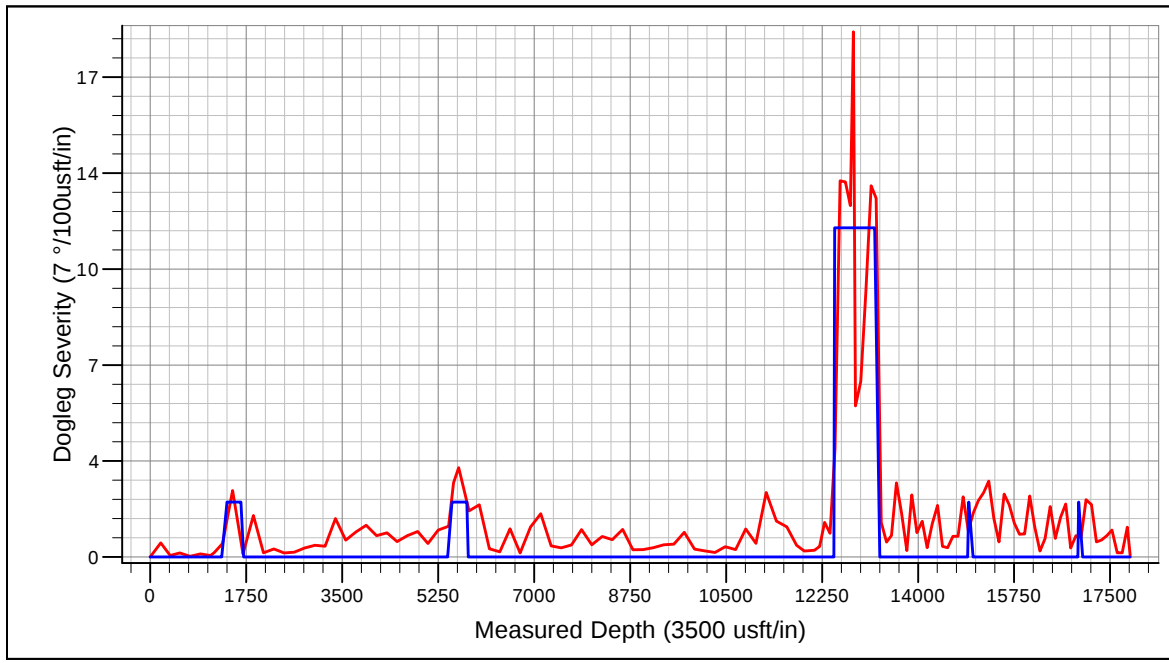
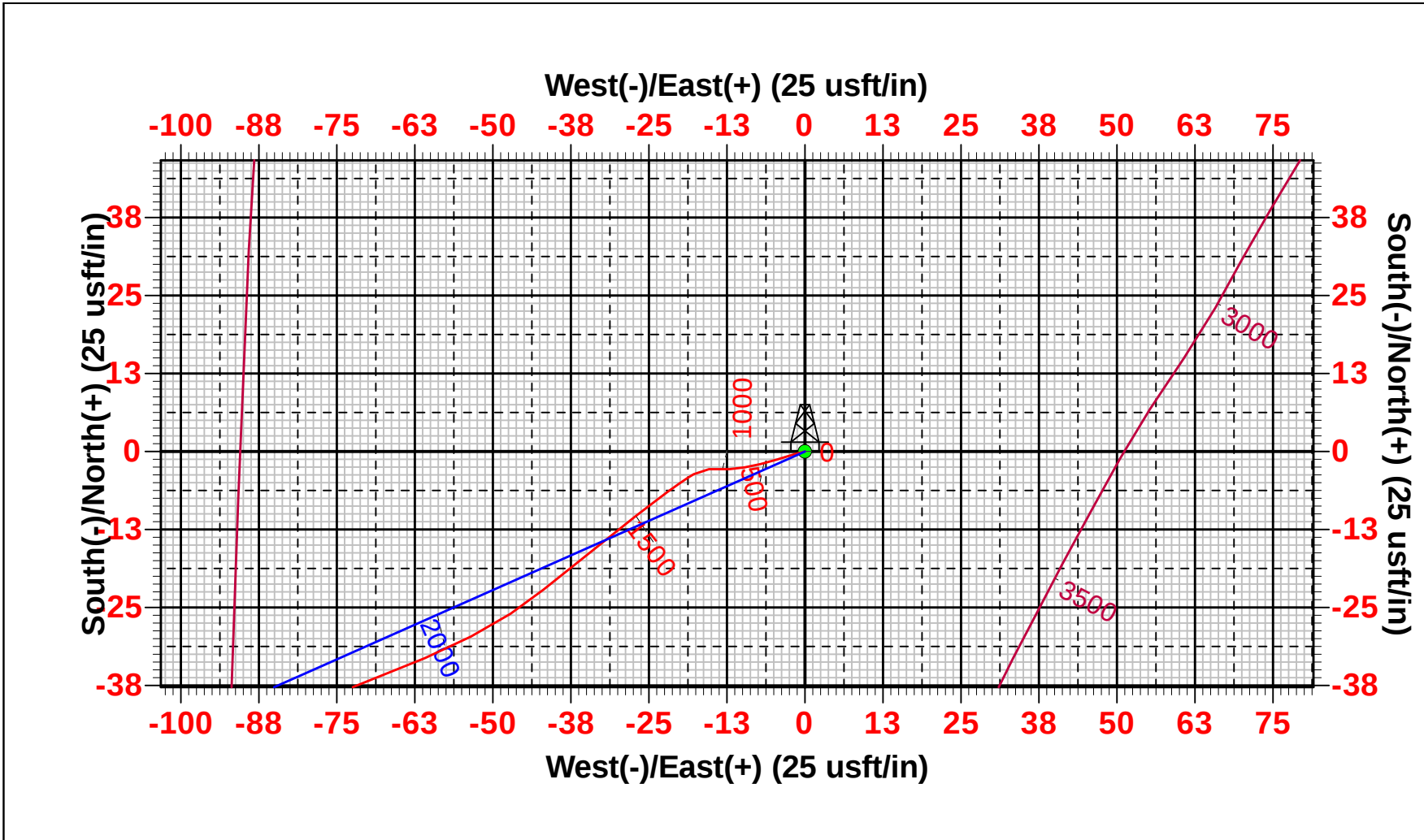
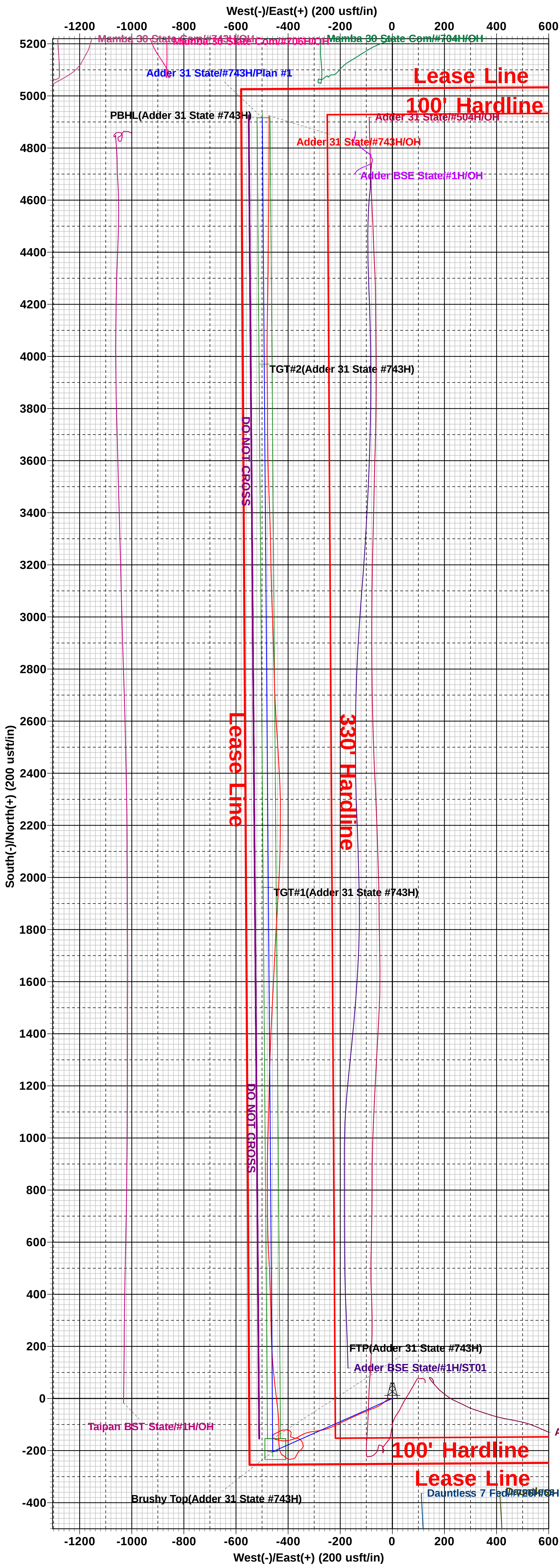
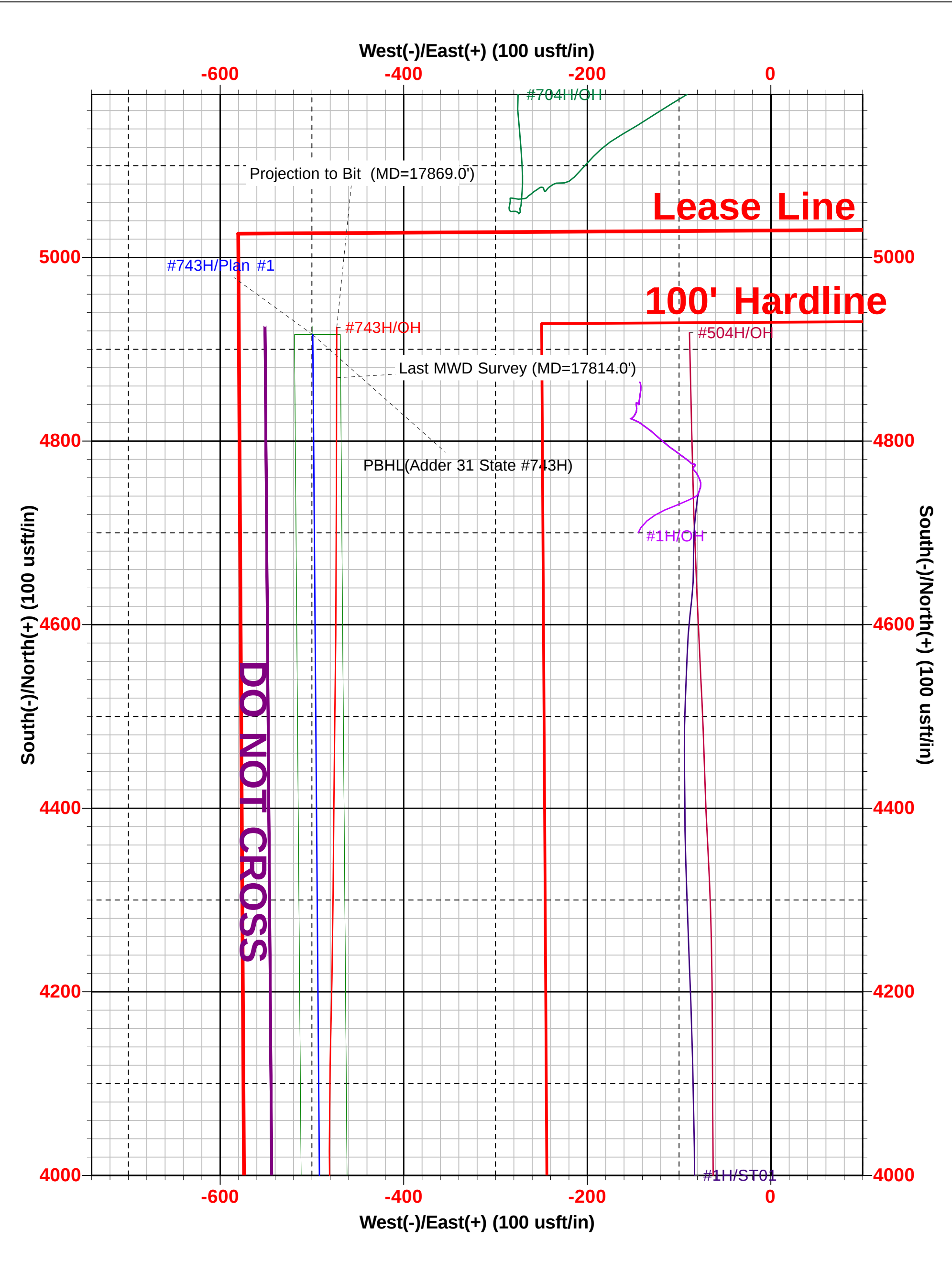
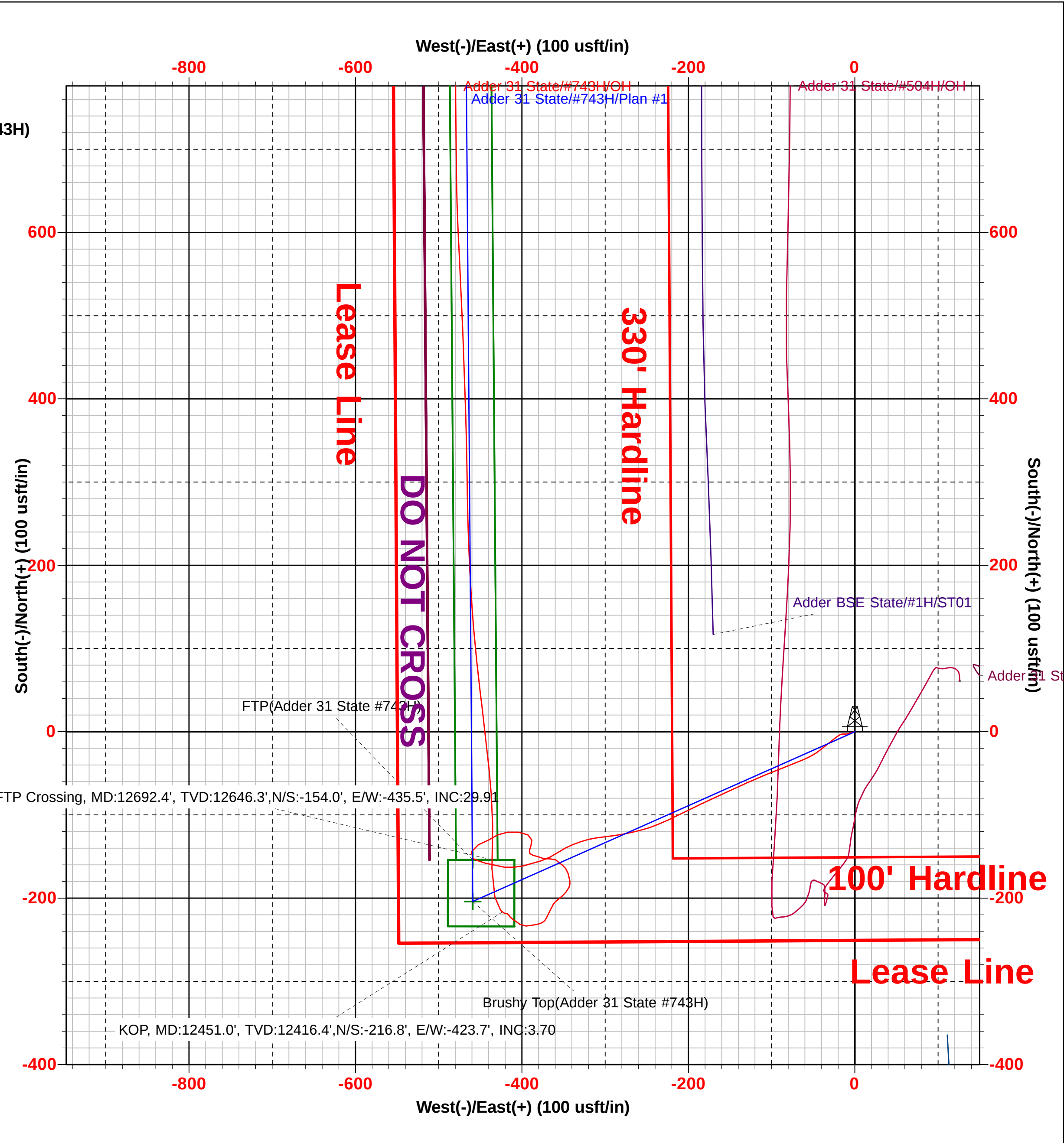
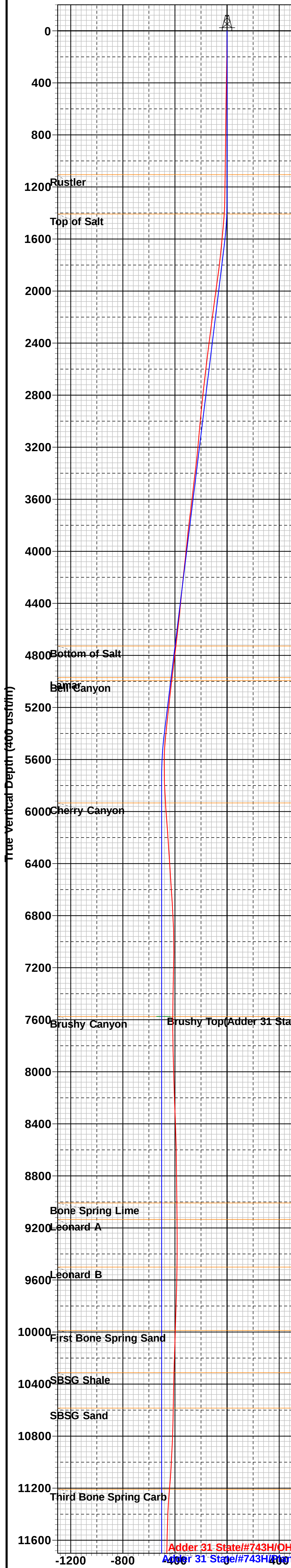
To convert a Magnetic Direction to a Grid Direction, Add 6.31°
To convert a Magnetic Direction to a True Direction, Add 6.70° East
To convert a True Direction to a Grid Direction, Subtract 0.39°

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
TGT#1(Adder 31 State #743H)	12920.0	1962.0	-475.9	427414.00	764810.08
TGT#2(Adder 31 State #743H)	12917.0	3970.7	-491.6	429422.70	764794.39
PBHL(Adder 31 State #743H)	12910.0	4916.0	-499.0	430368.00	764787.00
Brushy Top(Adder 31 State #743H)	7575.0	-204.0	-459.0	425248.00	764827.00
FTP(Adder 31 State #743H)	12910.0	-154.0	-459.0	425298.00	764827.00



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 a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-46445
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EOG RESOURCES INC		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name ADDER 31 STATE
4. Well Location Unit Letter <u>O</u> : <u>251</u> feet from the <u>SOUTH</u> line and <u>2089</u> feet from the <u>EAST</u> line Section <u>31</u> Township <u>24S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number 743H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3502' GR		9. OGRID Number 7377
		10. Pool name or Wildcat WC025 G09 S253309P; UPPER WOLFCAMP

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: <u>Completion</u> ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

01/18/2020 Rig released
 01/22/2020 Test void to 5000 psi, seals & flanges to 8500 psi
 04/20/2020 Begin perf & frac
 04/28/2020 Finish 16 stages perf & frac, 13,047 - 17,843' 948 3 1/8" shots 11,902,220 lbs proppant + 239,571 bbls load fluid
 07/30/2020 Drilled out plugs and clean out wellbore
 02/22/2021 Opened well to flowback - Date of First Production

Spud Date:

10/03/2019

Rig Release Date:

01/18/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE KAY MADDOX TITLE Senior Regulatory Specialist DATE 03/25/2021

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-638-8475

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name ADDER 31 STATE		
								6. Well Number: 743H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EOG RESOURCES INC							9. OGRID 7377			
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702							11. Pool name or Wildcat WC025 G09 S253309P; UPPER WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	31	24S	33E		251	SOUTH	2089	EAST	LEA
BH:	B	31	24S	33E		101	NORTH	2522	EAST	LEA
13. Date Spudded 10/03/2019	14. Date T.D. Reached 01/17/2020		15. Date Rig Released 01/18/2020			16. Date Completed (Ready to Produce) 02/22/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3502' GL		
18. Total Measured Depth of Well MD 17,869' TVD 12,965'			19. Plug Back Measured Depth MD 17,843' TVD 12,965'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 13,047 - 17,843'										
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		1,214'		12 1/4"		420 CL C/CIRC		
7 5/8"		29.7# ICYP 110		11,828'		8 3/4"		1494 CL C & H/ CIRC		
5 1/2"		20# ECP 110		17,855'		6 3/4"		545 CL H TOC 9300' 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) 13,047 - 17,843' 3 1/8", 948 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						13,047 - 17,843'		FRAC W/11,902,220 lbs proppant, 239,571 bbls load fld		
28. PRODUCTION										
Date First Production 02/22/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 02/27/2021	Hours Tested 24	Choke Size 56	Prod'n For Test Period	Oil - Bbl 1441	Gas - MCF 8363	Water - Bbl. 5058	Gas - Oil Ratio 5805			
Flow Tubing Press.	Casing Pressure 2005	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 47				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing, Gas capture										
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 03/16/2021	
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	1106'	T. Canyon	Brushy	7575'	T. Ojo Alamo	T. Penn A "
T. Salt		1181'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4728'	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	9988'		T. Entrada	
T. Wolfcamp	12,313'		T. 2nd BS Sand	10,585'		T. Wingate	
T. Penn			T. 3rd BS Sand	11,873'		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

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 48193

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 48193
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 48193

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/15/2021