

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 02/07/2021	
⁴ API Number 30 - 025-47374	⁵ Pool Name DRAPER MILL; BONE SPRING		⁶ Pool Code 96392
⁷ Property Code 317131	⁸ Property Name ANTIETAM 9 FEDERAL COM		⁹ Well Number 505H

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
C	9	25S	33E		789	NORTH	2237	WEST	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
G	16	25S	33E		2529	NORTH	2288	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 09/03/2020	²² Ready Date 02/07/2021	²³ TD 18,541'	²⁴ PBTD 18,518'	²⁵ Perforations 11,365- 18,518'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1269'	1185 SXS CL C/CIRC		
12 1/4"	9 5/8"	5026'	1635 SXS CL C/421' TS		
8 3/4"	5 1/2"	18,526'	4335 SXS CL H TOC 44' ECHO		

V. Well Test Data

³¹ Date New Oil 02/07/2021	³² Gas Delivery Date 02/07/2021	³³ Test Date 02/19/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 795
³⁷ Choke Size 78	³⁸ Oil 2387	³⁹ Water 7298	⁴⁰ Gas 3319		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox			OIL CONSERVATION DIVISION Approved by: PATRICIA MARTINEZ		
Printed name: Kay Maddox			Title: PETROLEUM SPECIALIST		
Title: SENIOR REGULATORY SPECIALIST			Approval Date: 6/15/2021		
E-mail Address: kay_maddox@eogresources.com					
Date: 03/09/2021		Phone: 432-638-8475			

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

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

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

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

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47374	² Pool Code 96392	³ Pool Name DRAPER MILL; BONE SPRING
⁴ Property Code 317131	⁵ Property Name ANTIETAM 9 FED COM	⁶ Well Number #505H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3433'

¹⁰Surface Location

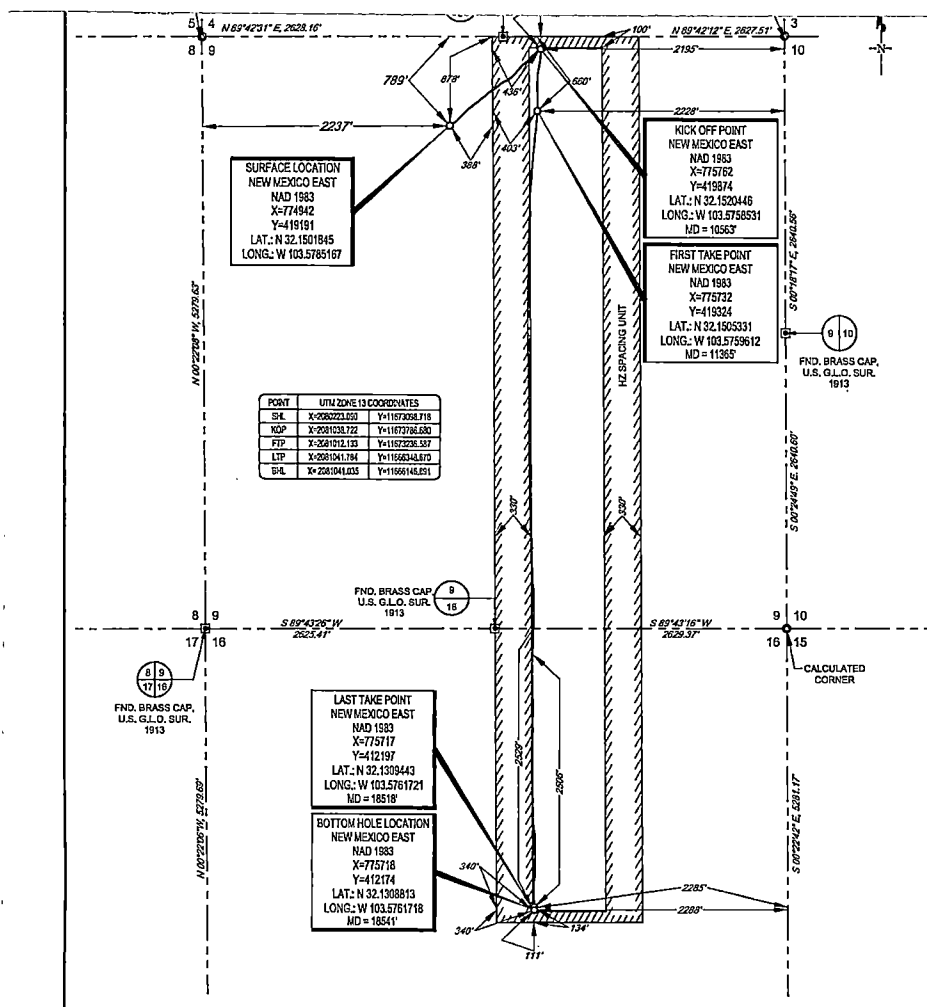
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	25-S	33-E	-	789'	NORTH	2237'	WEST	LEA

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
G	16	25-S	33-E	-	2529'	NORTH	2288'	EAST	LEA

¹² Dedicated Acres 240.00	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.

¹⁷OPERATOR CERTIFICATION

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

Kay Maddox 03/05/2021
Signature Date

KAY MADDOX
Printed Name

kay_maddox@eogresources.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

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

08/28/2019

Date of Survey
Signature and Seal of Professional Surveyor

Professional Surveyor
24508
Certificate Number





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Antietam 9 Fed Com

#505H

OH

Design: OH

Final PVA

30 October, 2020



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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		Antietam 9 Fed Com								
Site Position:		Northing:		419,815.00	usft	Latitude:	32° 9' 6.852 N			
From:	Map	Easting:		774,698.00	usft	Longitude:	103° 34' 45.452 W			
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.40	°

Well		#505H				
Well Position	+N/-S	0.0 usft	Northing:	419,191.00 usft	Latitude:	32° 9' 0.661 N
	+E/-W	0.0 usft	Easting:	774,942.00 usft	Longitude:	103° 34' 42.665 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,433.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/3/2019	6.68	59.96	47,640.48620064

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	173.87

Survey Program		Date	10/30/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
148.0	18,541.0	Pro MWD #1 (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:	EDM 5000.14

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	
148.0	0.53	217.02	148.0	-0.5	-0.4	0.36	0.36	0.00	-0.7	0.0	
238.0	0.44	185.02	238.0	-1.2	-0.7	0.31	-0.10	-35.56	-1.3	-0.6	
328.0	0.22	170.00	328.0	-1.7	-0.7	0.26	-0.24	-16.69	-1.6	-1.0	
421.0	0.22	180.89	421.0	-2.1	-0.7	0.04	0.00	11.71	-2.1	-0.6	
511.0	0.09	177.73	511.0	-2.3	-0.7	0.14	-0.14	-3.51	-2.3	-0.8	
601.0	0.09	337.78	601.0	-2.3	-0.7	0.20	0.00	177.83	1.9	1.5	
698.0	0.22	8.63	698.0	-2.1	-0.7	0.15	0.13	31.80	2.2	0.4	
793.0	0.31	5.55	793.0	-1.6	-0.6	0.10	0.09	-3.24	1.7	0.5	
887.0	0.18	13.55	887.0	-1.3	-0.6	0.14	-0.14	8.51	1.4	0.3	
980.0	0.18	21.46	980.0	-1.0	-0.5	0.03	0.00	8.51	1.1	0.1	
1,073.0	0.13	29.72	1,073.0	-0.7	-0.4	0.06	-0.05	8.88	0.8	0.0	
1,167.0	0.18	61.45	1,167.0	-0.6	-0.2	0.10	0.05	33.76	0.5	-0.4	
1,355.0	1.05	41.68	1,355.0	0.8	1.2	0.47	0.46	-10.52	-1.4	-0.3	
1,450.0	0.97	49.06	1,450.0	2.0	2.4	0.16	-0.08	7.77	-2.7	0.0	
1,543.0	2.15	61.01	1,542.9	3.4	4.5	1.31	1.27	12.85	-2.1	0.1	
1,638.0	5.05	60.66	1,637.7	6.3	9.7	3.05	3.05	-0.37	-1.8	-1.0	
1,732.0	6.55	57.76	1,731.2	11.2	17.9	1.63	1.60	-3.09	-2.0	-2.4	
1,825.0	7.03	56.35	1,823.6	17.2	27.1	0.55	0.52	-1.52	-0.7	-3.8	
1,917.0	7.91	56.88	1,914.8	23.7	37.1	0.96	0.96	0.58	2.3	-5.4	
2,011.0	8.66	54.24	2,007.8	31.4	48.2	0.89	0.80	-2.81	7.4	-6.7	
2,104.0	9.93	51.52	2,099.6	40.5	60.2	1.44	1.37	-2.92	12.1	-7.0	
2,198.0	11.25	46.86	2,192.0	51.8	73.2	1.67	1.40	-4.96	14.9	-5.4	
2,291.0	12.96	44.49	2,282.9	65.5	87.2	1.91	1.84	-2.55	14.9	-3.0	
2,386.0	12.39	43.26	2,375.6	80.5	101.6	0.66	-0.60	-1.29	13.6	-0.4	
2,481.0	12.04	42.55	2,468.5	95.2	115.3	0.40	-0.37	-0.75	13.1	2.4	
2,574.0	12.04	42.29	2,559.4	109.5	128.4	0.06	0.00	-0.28	12.8	5.3	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
2,668.0	11.43	41.59	2,651.5	123.7	141.2	0.67	-0.65	-0.74	13.0	8.4
2,763.0	15.42	48.27	2,743.8	139.2	156.8	4.50	4.20	7.03	11.5	8.8
2,857.0	14.41	54.24	2,834.7	154.3	175.7	1.95	-1.07	6.35	7.6	7.7
2,951.0	13.89	53.63	2,925.8	167.9	194.2	0.58	-0.55	-0.65	4.0	6.6
3,046.0	13.71	52.49	3,018.1	181.5	212.3	0.34	-0.19	-1.20	0.8	5.8
3,140.0	13.45	52.93	3,109.5	194.9	229.9	0.30	-0.28	0.47	-1.7	5.1
3,234.0	13.32	52.13	3,200.9	208.1	247.2	0.24	-0.14	-0.85	-4.1	4.5
3,328.0	13.36	52.49	3,292.4	221.4	264.3	0.10	0.04	0.38	-6.2	4.0
3,422.0	12.83	51.26	3,383.9	234.5	281.1	0.64	-0.56	-1.31	-8.1	3.4
3,515.0	12.52	51.70	3,474.7	247.2	297.1	0.35	-0.33	0.47	-9.2	3.2
3,609.0	11.29	50.90	3,566.6	259.3	312.2	1.32	-1.31	-0.85	-9.1	2.8
3,703.0	10.50	48.88	3,658.9	270.8	325.8	0.93	-0.84	-2.15	-7.3	2.8
3,796.0	9.54	48.00	3,750.5	281.5	337.9	1.05	-1.03	-0.95	-4.2	3.5
3,890.0	9.05	48.88	3,843.3	291.6	349.3	0.54	-0.52	0.94	0.3	4.3
3,984.0	8.35	52.13	3,936.2	300.6	360.2	0.91	-0.74	3.46	5.9	4.2
4,078.0	7.73	53.28	4,029.3	308.6	370.7	0.68	-0.66	1.22	12.5	3.3
4,171.0	7.69	55.21	4,121.4	315.9	380.8	0.28	-0.04	2.08	19.5	1.6
4,266.0	10.55	58.29	4,215.2	324.1	393.4	3.05	3.01	3.24	24.2	-1.7
4,360.0	10.72	54.07	4,307.6	333.7	407.8	0.85	0.18	-4.49	26.5	-1.8
4,454.0	10.46	54.95	4,400.0	343.8	421.9	0.33	-0.28	0.94	28.7	-3.5
4,547.0	10.55	52.57	4,491.5	353.8	435.5	0.48	0.10	-2.56	31.2	-3.3
4,641.0	12.83	50.46	4,583.5	365.7	450.4	2.47	2.43	-2.24	31.9	-2.4
4,734.0	12.04	56.44	4,674.3	377.6	466.5	1.62	-0.85	6.43	30.7	-6.5
4,829.0	11.56	61.28	4,767.3	387.7	483.1	1.16	-0.51	5.09	30.1	-11.8
4,923.0	11.12	64.88	4,859.5	396.0	499.6	0.89	-0.47	3.83	29.8	-17.8
4,972.0	10.99	64.00	4,907.6	400.1	508.0	0.43	-0.27	-1.80	30.6	-19.8
5,097.0	8.26	58.99	5,030.8	409.9	526.4	2.28	-2.18	-4.01	37.2	-22.0



EOG Resources

Final PVA

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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
5,190.0	11.43	51.70	5,122.4	419.1	539.4	3.66	3.41	-7.84	43.2	-18.3
5,284.0	12.92	52.05	5,214.3	431.3	555.0	1.59	1.59	0.37	42.8	-19.0
5,377.0	15.73	43.26	5,304.4	446.9	571.8	3.81	3.02	-9.45	41.3	-11.5
5,471.0	16.48	42.29	5,394.7	466.0	589.5	0.85	0.80	-1.03	34.6	-8.2
5,565.0	16.35	42.03	5,484.9	485.7	607.4	0.16	-0.14	-0.28	27.2	-5.2
5,659.0	16.48	40.97	5,575.1	505.6	625.0	0.35	0.14	-1.13	19.7	-1.6
5,754.0	16.88	48.36	5,666.1	525.0	644.1	2.27	0.42	7.78	11.7	-1.5
5,847.0	16.44	49.76	5,755.2	542.4	664.3	0.64	-0.47	1.51	4.1	-1.2
5,942.0	16.92	49.59	5,846.2	560.1	685.0	0.51	0.51	-0.18	-3.6	-0.8
6,036.0	14.99	44.31	5,936.6	577.7	704.0	2.57	-2.05	-5.62	-10.1	-0.3
6,131.0	13.93	43.35	6,028.6	594.8	720.4	1.14	-1.12	-1.01	-14.3	1.9
6,225.0	11.51	41.85	6,120.2	610.0	734.4	2.60	-2.57	-1.60	-15.7	4.2
6,318.0	11.25	41.76	6,211.4	623.7	746.6	0.28	-0.28	-0.10	-15.0	7.2
6,412.0	10.37	55.56	6,303.8	635.3	759.7	2.90	-0.94	14.68	-10.7	11.0
6,506.0	10.06	57.06	6,396.3	644.5	773.6	0.43	-0.33	1.60	-7.6	9.3
6,600.0	10.33	55.83	6,488.8	653.7	787.5	0.37	0.29	-1.31	-4.9	7.2
6,695.0	9.18	52.66	6,582.4	663.1	800.5	1.34	-1.21	-3.34	-2.5	5.8
6,789.0	8.17	51.17	6,675.3	671.8	811.7	1.10	-1.07	-1.59	-1.0	5.4
6,883.0	6.02	58.37	6,768.6	678.6	821.1	2.47	-2.29	7.66	0.8	4.7
6,977.0	2.46	62.42	6,862.3	682.1	827.1	3.80	-3.79	4.31	3.6	3.0
7,072.0	2.59	43.96	6,957.2	684.6	830.4	0.86	0.14	-19.43	5.0	4.1
7,166.0	2.64	45.89	7,051.1	687.7	833.4	0.11	0.05	2.05	4.4	4.3
7,260.0	2.50	41.59	7,145.1	690.7	836.3	0.25	-0.15	-4.57	0.4	4.5
7,354.0	2.33	31.48	7,239.0	693.9	838.7	0.49	-0.18	-10.76	-4.3	4.2
7,449.0	2.02	29.90	7,333.9	697.0	840.5	0.33	-0.33	-1.66	-8.0	4.0
7,542.0	1.80	28.84	7,426.9	699.7	842.0	0.24	-0.24	-1.14	-11.2	3.8
7,637.0	1.71	31.30	7,521.8	702.2	843.5	0.12	-0.09	2.59	-13.9	4.4



EOG Resources

Final PVA

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Design:	OH	Database:	EDM 5000.14

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7,731.0	1.80	43.87	7,615.8	704.4	845.3	0.42	0.10	13.37	-15.5	7.6
7,825.0	1.89	43.17	7,709.7	706.6	847.3	0.10	0.10	-0.74	-18.6	7.4
7,919.0	1.27	142.40	7,803.7	706.9	849.0	2.60	-0.66	105.56	9.5	18.7
8,013.0	1.41	156.64	7,897.7	705.1	850.1	0.38	0.15	15.15	11.6	16.1
8,107.0	1.63	161.21	7,991.6	702.7	851.0	0.27	0.23	4.86	10.4	15.2
8,201.0	2.24	161.21	8,085.6	699.7	852.0	0.65	0.65	0.00	7.2	15.2
8,295.0	2.37	152.51	8,179.5	696.3	853.5	0.40	0.14	-9.26	1.1	15.8
8,377.3	2.06	156.35	8,261.7	693.4	854.9	0.41	-0.37	4.67	-1.0	15.8
HL Crossing, MD:8377.3', TVD:8261.7', N/S:693.4', E/W:854.9', INC:2.06										
8,389.0	2.02	156.99	8,273.4	693.0	855.1	0.41	-0.37	5.47	-1.3	15.8
8,483.0	2.24	157.34	8,367.4	689.8	856.4	0.23	0.23	0.37	-4.7	15.9
8,577.0	2.20	157.52	8,461.3	686.4	857.8	0.04	-0.04	0.19	-8.3	15.9
8,671.0	2.24	165.87	8,555.2	683.0	859.0	0.35	0.04	8.88	-9.5	17.2
8,765.0	2.07	172.10	8,649.2	679.5	859.6	0.31	-0.18	6.63	-11.1	18.3
8,859.0	2.11	168.59	8,743.1	676.1	860.2	0.14	0.04	-3.73	-15.6	17.5
8,953.0	2.02	180.98	8,837.0	672.8	860.5	0.48	-0.10	13.18	-14.8	20.8
9,047.0	1.98	176.15	8,931.0	669.5	860.6	0.18	-0.04	-5.14	-19.8	19.3
9,141.0	1.41	189.51	9,024.9	666.8	860.5	0.73	-0.61	14.21	-17.6	23.8
9,234.0	1.01	355.53	9,117.9	666.4	860.3	2.58	-0.43	178.52	23.1	-18.5
9,328.0	1.76	356.94	9,211.9	668.7	860.1	0.80	0.80	1.50	20.3	-19.1
9,422.0	1.71	349.29	9,305.9	671.5	859.8	0.25	-0.05	-8.14	19.9	-16.4
9,516.0	1.80	328.73	9,399.8	674.2	858.8	0.67	0.10	-21.87	21.6	-8.9
9,610.0	2.20	322.49	9,493.8	676.9	856.9	0.48	0.43	-6.64	19.1	-6.6
9,704.0	2.55	320.11	9,587.7	679.9	854.5	0.39	0.37	-2.53	15.5	-5.9
9,798.0	1.85	289.61	9,681.6	682.0	851.7	1.43	-0.74	-32.45	13.0	1.7
9,892.0	1.80	294.71	9,775.6	683.1	848.9	0.18	-0.05	5.43	10.1	0.7
9,986.0	2.29	276.08	9,869.5	684.0	845.7	0.87	0.52	-19.82	6.1	3.4



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
10,080.0	2.07	272.65	9,963.4	684.2	842.2	0.27	-0.23	-3.65	2.3	3.7	
10,174.0	2.72	255.60	10,057.4	683.8	838.3	1.02	0.69	-18.14	-2.7	3.7	
10,268.0	2.77	249.54	10,151.2	682.4	834.0	0.31	0.05	-6.45	-7.6	3.1	
10,362.0	2.68	269.49	10,245.1	681.6	829.7	1.01	-0.10	21.22	-10.4	6.3	
10,456.0	2.99	271.33	10,339.0	681.6	825.0	0.34	0.33	1.96	-14.8	6.7	
10,500.0	3.16	276.61	10,383.0	681.8	822.7	0.75	0.39	12.00	-16.5	8.2	
10,563.0	2.66	290.00	10,445.9	682.5	819.6	1.33	-0.79	21.26	-17.3	12.2	
KOP, MD:10563.0', TVD:10445.9', N/S:682.5', E/W:819.6', INC:2.66											
10,566.0	2.64	290.76	10,448.9	682.5	819.5	1.33	-0.65	25.21	-17.3	12.4	
10,605.1	5.49	188.98	10,488.0	681.0	818.3	16.77	7.29	-260.05	-10.2	-20.3	
KOP (Antietam 9 Fed Com #505H)											
10,660.0	14.41	174.30	10,541.9	671.6	818.6	16.77	16.25	-26.76	-11.7	-22.2	
10,754.0	28.92	180.19	10,629.1	637.1	819.7	15.59	15.44	6.27	-32.7	-16.9	
10,848.0	42.14	188.19	10,705.4	582.8	815.1	14.88	14.06	8.51	-59.8	-7.7	
10,942.0	50.84	192.14	10,770.1	515.9	802.9	9.74	9.26	4.20	-86.6	-2.9	
10,972.0	54.42	189.32	10,788.3	492.4	798.5	14.06	11.92	-9.40	-94.5	-6.6	
FTP (Antietam 9 Fed Com #505H)											
11,036.0	62.23	184.06	10,821.9	438.4	792.3	14.06	12.21	-8.22	-111.5	-10.0	
11,131.0	69.96	180.10	10,860.4	351.7	789.2	8.98	8.14	-4.17	-135.0	-1.0	
11,224.0	68.12	177.20	10,893.7	264.9	791.2	3.52	-1.98	-3.12	-144.1	18.2	
11,318.0	68.73	181.16	10,928.3	177.5	792.5	3.97	0.65	4.21	-130.4	44.7	
11,412.0	71.28	185.11	10,960.4	89.3	787.6	4.79	2.71	4.20	-101.3	60.3	
11,506.0	69.83	184.85	10,991.7	1.0	779.9	1.56	-1.54	-0.28	-70.6	64.5	
11,600.0	69.92	188.19	11,024.0	-86.6	769.9	3.34	0.10	3.55	-38.4	60.3	
11,693.0	75.72	185.02	11,051.5	-174.9	759.7	7.03	6.24	-3.41	-14.1	49.0	
11,786.0	88.99	185.73	11,063.9	-266.4	751.1	14.29	14.27	0.76	-4.6	39.4	
11,881.0	90.00	183.97	11,064.7	-361.1	743.1	2.14	1.06	-1.85	-5.4	30.8	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)	
11,902.0	89.65	183.53	11,064.8	-382.0	741.7	2.68	-1.67	-2.10	-5.6	29.3	
11,996.0	89.38	183.18	11,065.6	-475.9	736.2	0.47	-0.29	-0.37	-6.3	23.2	
12,090.0	89.74	183.18	11,066.3	-569.7	731.0	0.38	0.38	0.00	-7.2	17.4	
12,184.0	90.13	182.39	11,066.4	-663.6	726.4	0.94	0.41	-0.84	-8.6	12.2	
12,279.0	88.86	182.65	11,067.2	-758.5	722.2	1.36	-1.34	0.27	-9.3	7.4	
12,372.0	88.90	182.21	11,069.0	-851.4	718.3	0.47	0.04	-0.47	-9.0	2.9	
12,467.0	87.93	181.25	11,071.7	-946.3	715.4	1.44	-1.02	-1.01	-7.9	-0.5	
12,560.0	87.54	180.89	11,075.3	-1,039.2	713.7	0.57	-0.42	-0.39	-5.8	-2.9	
12,654.0	88.07	180.89	11,078.9	-1,133.1	712.2	0.56	0.56	0.00	-3.7	-4.9	
12,736.2	87.72	180.44	11,082.0	-1,215.3	711.3	0.70	-0.43	-0.55	-2.0	-6.4	
TGT 1 (Antietam 9 Fed Com #505H)											
12,748.0	87.67	180.37	11,082.4	-1,227.1	711.2	0.70	-0.43	-0.55	-1.7	-6.5	
12,842.0	90.40	180.63	11,084.0	-1,321.1	710.4	2.92	2.90	0.28	-0.6	-7.9	
12,936.0	90.48	180.63	11,083.3	-1,415.0	709.4	0.09	0.09	0.00	-1.8	-9.6	
13,030.0	90.53	180.28	11,082.5	-1,509.0	708.6	0.38	0.05	-0.37	-3.0	-10.9	
13,124.0	90.40	180.37	11,081.7	-1,603.0	708.1	0.17	-0.14	0.10	-4.1	-12.0	
13,217.0	89.82	179.66	11,081.5	-1,696.0	708.0	0.99	-0.62	-0.76	-4.7	-12.6	
13,312.0	88.99	179.66	11,082.5	-1,791.0	708.6	0.87	-0.87	0.00	-4.1	-12.7	
13,406.0	89.82	179.31	11,083.5	-1,885.0	709.5	0.96	0.88	-0.37	-3.6	-12.4	
13,498.0	88.86	178.96	11,084.5	-1,977.0	710.8	1.11	-1.04	-0.38	-2.9	-11.6	
13,593.0	88.46	178.79	11,086.8	-2,072.0	712.7	0.46	-0.42	-0.18	-1.1	-10.3	
13,687.0	88.55	178.96	11,089.2	-2,165.9	714.6	0.20	0.10	0.18	1.0	-9.1	
13,781.0	90.00	179.23	11,090.4	-2,259.9	716.0	1.57	1.54	0.29	1.8	-8.2	
13,875.0	90.09	178.61	11,090.3	-2,353.9	717.8	0.67	0.10	-0.66	1.3	-7.0	
13,969.0	90.18	178.96	11,090.1	-2,447.8	719.8	0.38	0.10	0.37	0.7	-5.6	
14,063.0	91.32	179.84	11,088.9	-2,541.8	720.8	1.53	1.21	0.94	-0.9	-5.2	
14,157.0	91.01	179.14	11,087.0	-2,635.8	721.6	0.81	-0.33	-0.74	-3.3	-4.9	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
14,252.0	89.38	180.28	11,086.6	-2,730.8	722.1	2.09	-1.72	1.20	-4.0	-5.0
14,346.0	88.29	179.84	11,088.6	-2,824.8	722.0	1.25	-1.16	-0.47	-2.5	-5.7
14,440.0	87.50	179.84	11,092.0	-2,918.7	722.3	0.84	-0.84	0.00	0.6	-6.1
14,534.0	87.76	179.40	11,095.9	-3,012.6	722.9	0.54	0.28	-0.47	4.1	-6.0
14,628.0	87.50	178.87	11,099.8	-3,106.5	724.3	0.63	-0.28	-0.56	7.6	-5.2
14,723.0	94.66	179.49	11,098.0	-3,201.4	725.7	7.56	7.54	0.65	5.4	-4.4
14,818.0	90.57	178.61	11,093.7	-3,296.3	727.2	4.40	-4.31	-0.93	0.6	-3.4
14,912.0	90.00	177.91	11,093.2	-3,390.3	730.1	0.96	-0.61	-0.74	-0.2	-1.2
15,006.0	90.97	177.99	11,092.4	-3,484.2	733.5	1.04	1.03	0.09	-1.4	1.6
15,048.7	89.93	177.91	11,092.1	-3,526.9	735.0	2.44	-2.44	-0.18	-1.9	2.9
TGT 2 (Antietam 9 Fed Com #505H)										
15,100.0	88.68	177.82	11,092.7	-3,578.1	736.9	2.44	-2.44	-0.18	-1.6	4.4
15,194.0	88.02	177.12	11,095.4	-3,672.0	741.0	1.02	-0.70	-0.74	0.6	8.0
15,288.0	87.63	176.41	11,099.0	-3,765.8	746.3	0.86	-0.41	-0.76	3.6	12.7
15,383.0	89.21	177.20	11,101.6	-3,860.6	751.6	1.86	1.66	0.83	5.7	17.4
15,477.0	89.74	178.35	11,102.4	-3,954.5	755.3	1.35	0.56	1.22	6.0	20.5
15,571.0	90.00	178.61	11,102.7	-4,048.5	757.8	0.39	0.28	0.28	5.7	22.4
15,665.0	88.15	177.29	11,104.2	-4,142.4	761.1	2.42	-1.97	-1.40	6.7	25.2
15,758.0	91.23	179.93	11,104.7	-4,235.4	763.4	4.36	3.31	2.84	6.7	26.8
15,852.0	91.76	180.19	11,102.2	-4,329.3	763.3	0.63	0.56	0.28	3.7	26.1
15,946.0	91.54	179.84	11,099.5	-4,423.3	763.3	0.44	-0.23	-0.37	0.5	25.5
16,039.0	91.85	180.98	11,096.8	-4,516.2	762.6	1.27	0.33	1.23	-2.8	24.3
16,133.0	91.63	180.81	11,093.9	-4,610.2	761.1	0.30	-0.23	-0.18	-6.2	22.2
16,227.0	90.62	181.60	11,092.1	-4,704.1	759.2	1.36	-1.07	0.84	-8.6	19.7
16,321.0	88.24	180.10	11,093.0	-4,798.1	757.8	2.99	-2.53	-1.60	-8.2	17.7
16,415.0	90.79	180.37	11,093.8	-4,892.1	757.4	2.73	2.71	0.29	-7.9	16.7
16,510.0	89.82	178.70	11,093.3	-4,987.1	758.2	2.03	-1.02	-1.76	-8.9	16.9



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,604.0	89.30	177.29	11,094.0	-5,081.0	761.4	1.60	-0.55	-1.50	-8.8	19.6
16,698.0	89.12	179.31	11,095.3	-5,175.0	764.2	2.16	-0.19	2.15	-8.0	21.8
16,791.0	91.36	181.51	11,094.9	-5,268.0	763.6	3.38	2.41	2.37	-8.9	20.5
16,825.4	91.36	181.96	11,094.1	-5,302.4	762.5	1.31	0.00	1.31	-9.9	19.3
TGT 3 (Antietam 9 Fed Com #505H)										
16,885.0	91.36	182.74	11,092.7	-5,361.9	760.1	1.31	0.00	1.31	-11.7	16.4
16,979.0	90.40	183.00	11,091.2	-5,455.7	755.4	1.06	-1.02	0.28	-13.7	11.1
17,073.0	87.89	181.33	11,092.6	-5,549.7	751.8	3.21	-2.67	-1.78	-12.8	7.0
17,168.0	86.35	180.02	11,097.4	-5,644.5	750.7	2.13	-1.62	-1.38	-8.6	5.3
17,263.0	86.48	179.84	11,103.4	-5,739.3	750.8	0.23	0.14	-0.19	-3.2	4.8
17,357.0	86.40	178.96	11,109.2	-5,833.2	751.8	0.94	-0.09	-0.94	2.1	5.2
17,450.0	88.29	179.31	11,113.5	-5,926.0	753.2	2.07	2.03	0.38	5.9	6.0
17,543.0	89.43	177.82	11,115.4	-6,019.0	755.5	2.02	1.23	-1.60	7.2	7.8
17,637.0	89.74	175.88	11,116.0	-6,112.8	760.7	2.09	0.33	-2.06	7.3	12.4
17,732.0	90.35	176.32	11,116.0	-6,207.6	767.2	0.79	0.64	0.46	6.7	18.2
17,826.0	91.32	176.15	11,114.6	-6,301.4	773.3	1.05	1.03	-0.18	4.8	23.8
17,919.0	92.29	177.64	11,111.7	-6,394.2	778.4	1.91	1.04	1.60	1.3	28.3
18,014.0	91.19	179.75	11,108.8	-6,489.1	780.5	2.50	-1.16	2.22	-2.1	29.8
18,108.0	92.15	181.07	11,106.0	-6,583.1	779.9	1.74	1.02	1.40	-5.4	28.6
18,203.0	90.62	181.25	11,103.7	-6,678.0	777.9	1.62	-1.61	0.19	-8.3	26.1
18,296.0	91.76	181.25	11,101.8	-6,771.0	775.9	1.23	1.23	0.00	-10.8	23.4
18,391.0	92.50	180.63	11,098.3	-6,865.9	774.4	1.02	0.78	-0.65	-14.8	21.3
18,484.0	94.35	179.31	11,092.7	-6,958.7	774.4	2.44	1.99	-1.42	-20.9	20.8
Final MWD Survey (MD=18484.0')										
18,541.0	94.35	179.31	11,088.4	-7,015.6	775.1	0.00	0.00	0.00	-25.5	21.1
Final Projection to Bit (MD=18541.0') - PBHL (Antietam 9 Fed Com #505H)										



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3465.0usft
Site:	Antietam 9 Fed Com	MD Reference:	KB = 32' @ 3465.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,377.3	8,261.7	693.4	854.9	HL Crossing, MD:8377.3', TVD:8261.7',N/S:693.4', E/W:854.9', INC:2.06
10,563.0	10,445.9	682.5	819.6	KOP, MD:10563.0', TVD:10445.9',N/S:682.5', E/W:819.6', INC:2.66
18,484.0	11,092.7	-6,958.7	774.4	Final MWD Survey (MD=18484.0')
18,541.0	11,088.4	-7,015.6	775.1	Final Projection to Bit (MD=18541.0')

Checked By: _____ Approved By: _____ Date: _____

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

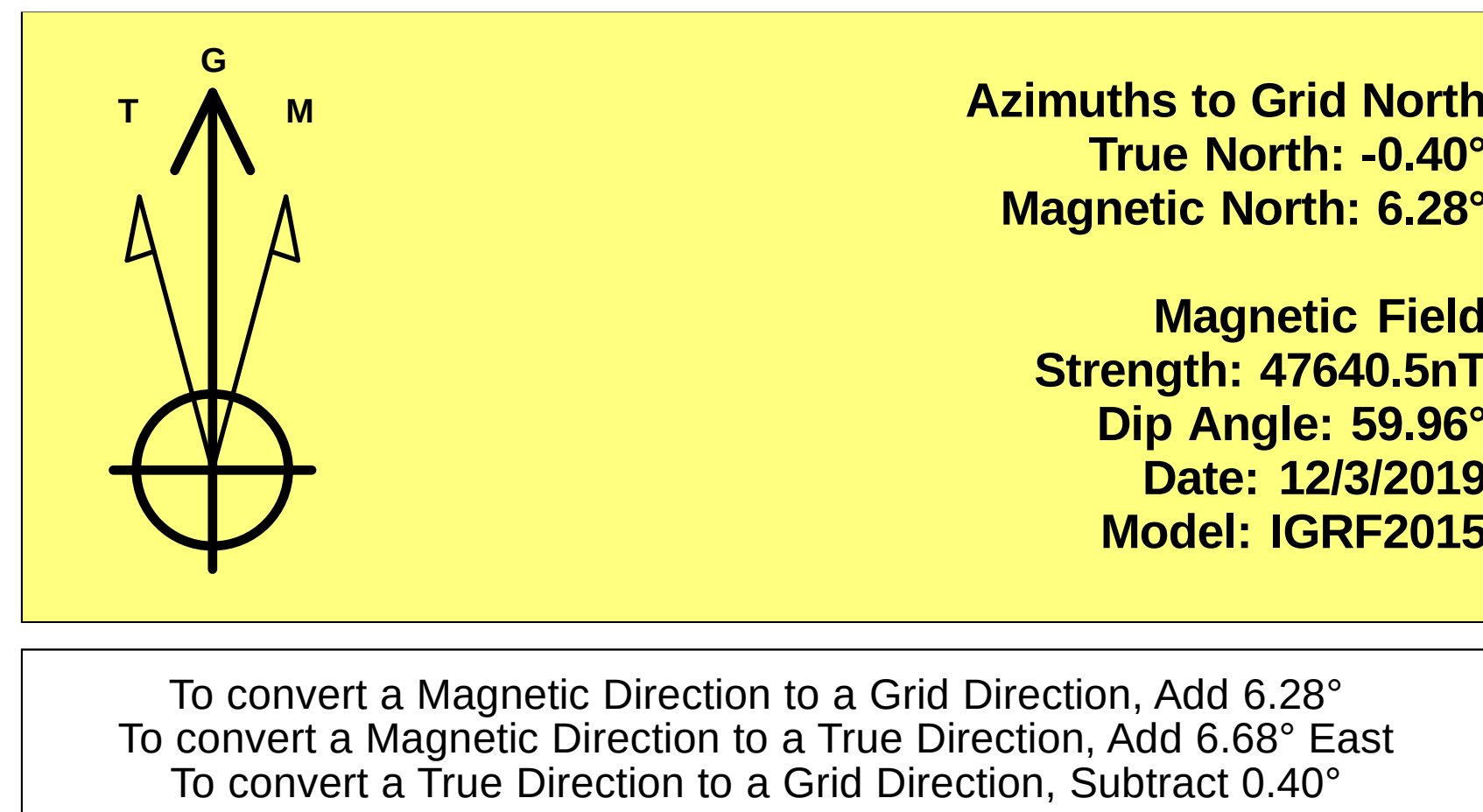
Kay Maddox 03/05/2021



Lea County, NM (NAD 83 NME)

Antietam 9 Fed Com #505H

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: #505H

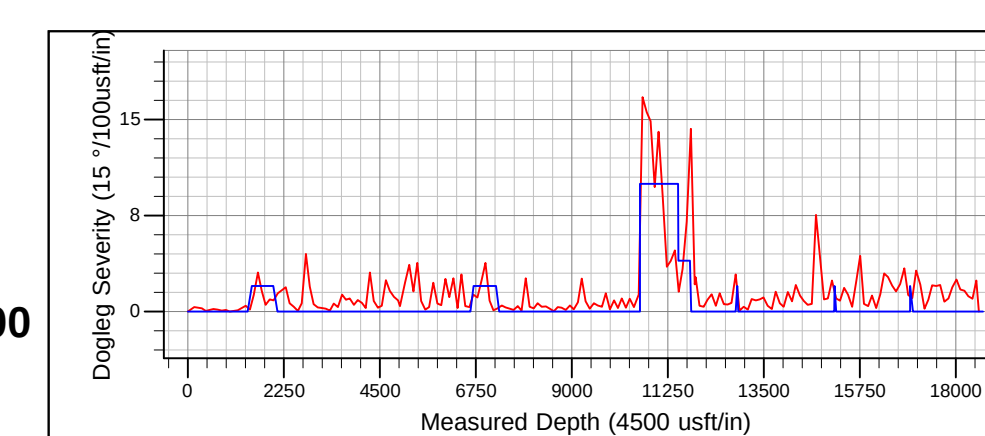
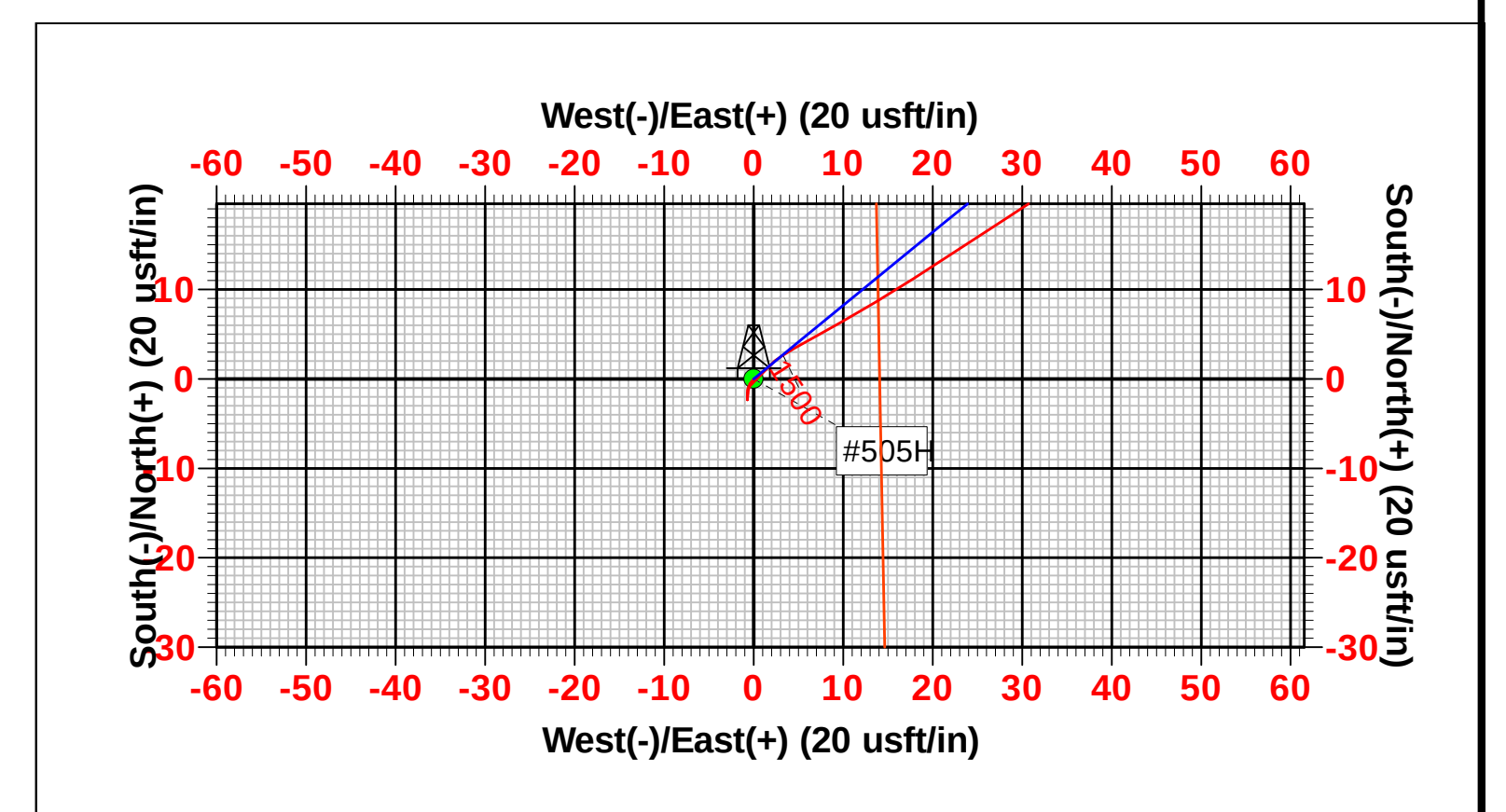
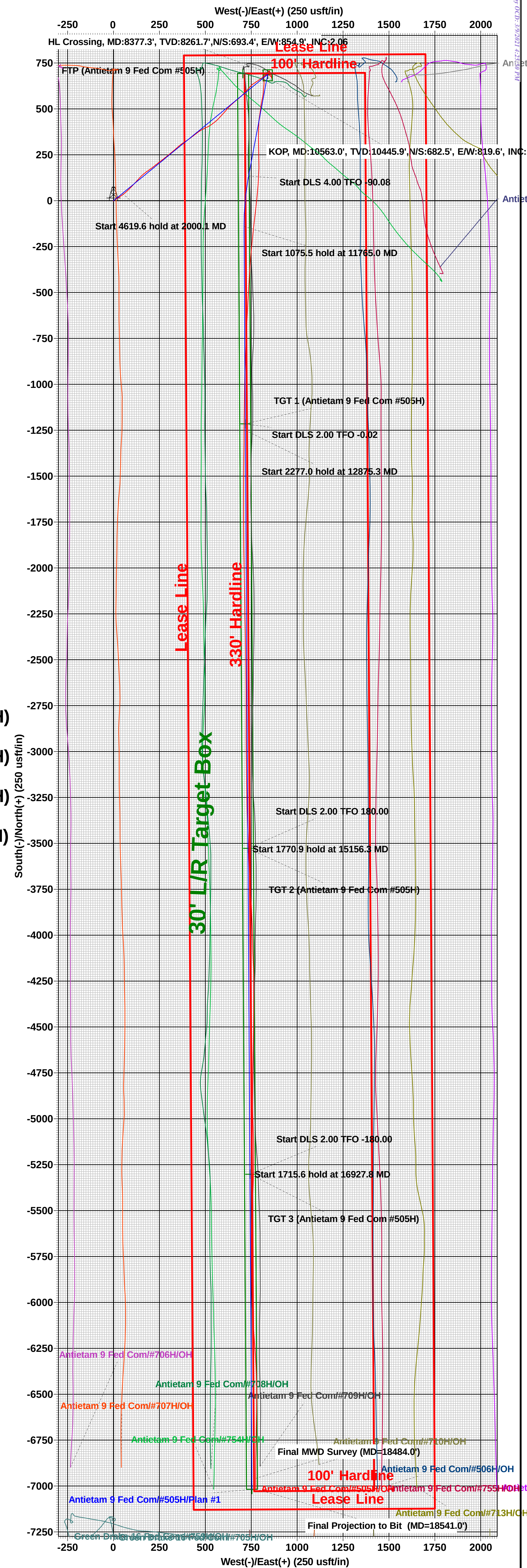
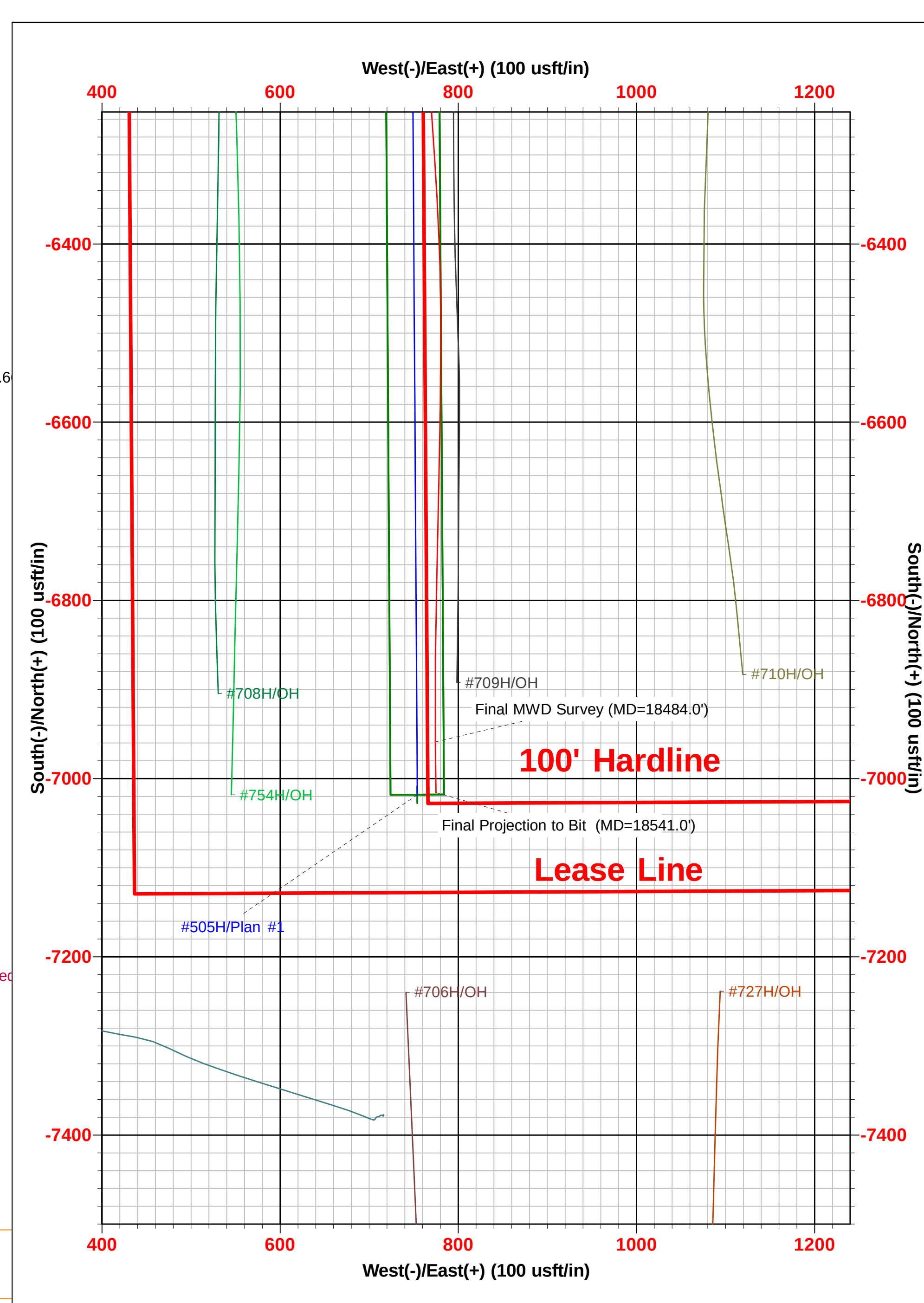
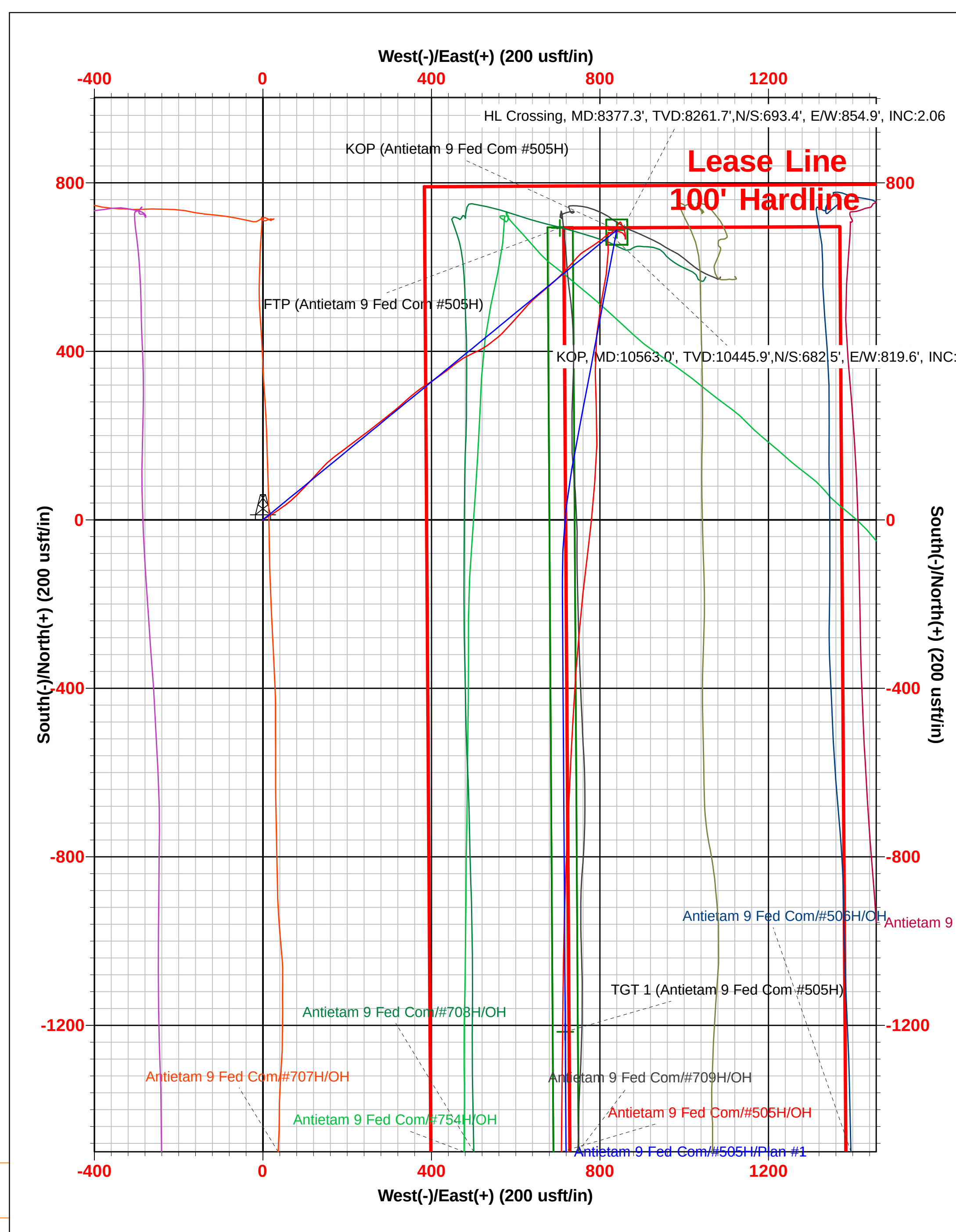
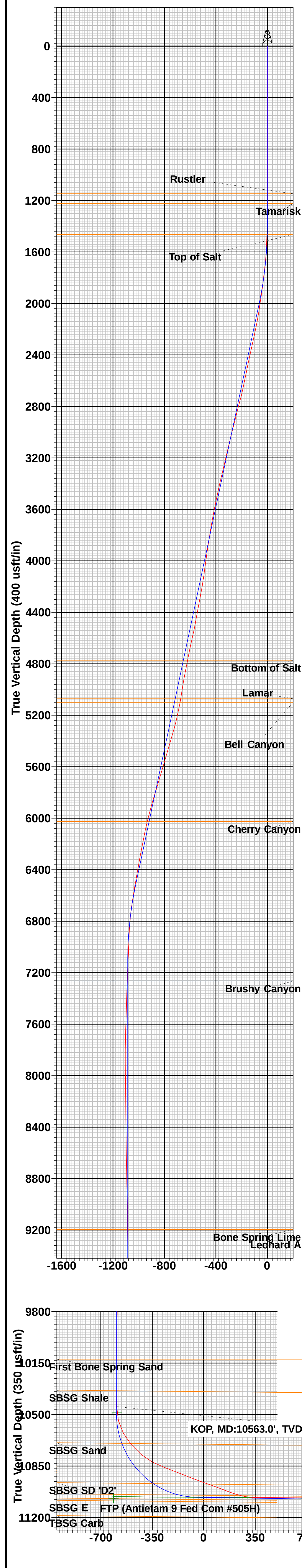
KB = 32' @ 3465.0usft 3433.0
Northing 419191.00 Easting 774942.00 Latitude 32° 9' 0.661 N Longitude 103° 34' 42.665 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
2000.1	12.00	50.68	1995.7	39.7	48.4	2.00	50.68	-34.3	
6619.7	12.00	50.68	6514.3	648.3	791.6	0.00	0.00	-560.1	
7219.7	0.00	179.64	7110.0	688.0	840.0	2.00	180.00	-594.3	
10598.7	0.00	179.64	10489.0	688.0	840.0	0.00	0.00	-594.3	KOP (Antietam 9 Fed Com #505H)
11489.3	89.06	190.67	11061.9	134.2	735.7	10.00	190.67	-54.8	
11765.0	89.06	179.64	11066.4	-139.9	710.9	4.00	-90.08	215.1	
12840.6	89.06	179.64	11084.0	-1215.3	717.7	0.00	0.00	1285.0	TGT 1 (Antietam 9 Fed Com #505H)
12875.3	89.76	179.64	11084.4	-1250.0	717.9	2.00	-0.02	1319.6	
15152.3	89.76	179.64	11094.0	-3527.0	732.1	0.00	0.00	3585.0	TGT 2 (Antietam 9 Fed Com #505H)
15156.3	89.68	179.64	11094.0	-3531.0	732.2	2.00	180.00	3589.0	
16927.3	89.68	179.64	11104.0	-5301.9	743.3	0.00	0.00	5351.0	TGT 3 (Antietam 9 Fed Com #505H)
16927.8	89.67	179.64	11104.0	-5302.4	743.3	2.00	-180.00	5351.5	
18643.4	89.67	179.64	11114.0	-7018.0	754.0	0.00	0.00	7058.4	PBHL (Antietam 9 Fed Com #505H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Antietam 9 Fed Com #505H)	10489.0	688.0	840.0	419879.00	775782.00
FTP (Antietam 9 Fed Com #505H)	11069.0	693.0	705.0	419884.00	775647.00
TGT 1 (Antietam 9 Fed Com #505H)	11084.0	-1215.3	717.7	417975.70	775659.66
TGT 2 (Antietam 9 Fed Com #505H)	11094.0	-3527.0	732.1	415664.00	775674.13
TGT 3 (Antietam 9 Fed Com #505H)	11104.0	-5301.9	743.3	413889.10	775685.25
PBHL (Antietam 9 Fed Com #505H)	11114.0	-7018.0	754.0	412173.00	775696.00



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name ANTIETAM 9 FEDERAL COM		
								6. Well Number: 505H		
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 DRAPER MILL; BONE SPRING (96392)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	9	25S	33E		789	NORTH	2237	WEST	LEA
BH:	G	16	25S	33E		2529	NORTH	2288	EAST	LEA
13. Date Spudded 09/03/2020	14. Date T.D. Reached 10/27/2020		15. Date Rig Released 10/29/2020			16. Date Completed (Ready to Produce) 02/07/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3433' GR		
18. Total Measured Depth of Well MD 18,541' TVD 11,088'			19. Plug Back Measured Depth MD 18,518' TVD 10,088'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 11,365 - 18,518'										
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		1,269'		17 1/2"		1185 CL C/CIRC		
9 5/8"		40# ECP 110		5,026'		12 1/4"		1635 CL C/421' TS		
5 1/2"		20# HCP 110		18,526'		8 3/4"		4335 CL C&H TOC 44'		ECHO
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.				
11,365 - 18,518' 3 1/8", 1560 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,365 - 18,518'		FRAC W/17,839,870 lbs proppant, 293,047 bbls load fld		
28. PRODUCTION										
Date First Production 02/07/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 02/19/2021	Hours Tested 24	Choke Size 78	Prod'n For Test Period	Oil - Bbl 2387	Gas - MCF 3319	Water - Bbl. 7298	Gas - Oil Ratio 1391			
Flow Tubing Press.	Casing Pressure 795	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 48				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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 Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 03/09/2021 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	1147'	T. Canyon	Brushy	7264'	T. Ojo Alamo	T. Penn A"
T. Salt		1465'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4772'	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	10,124'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,702'		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.....

LITHOLOG OF THE CORE (Attach additional sheet if necessary)							
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM118726
2. Name of Operator EOG RESOURCES INCORPORATED Contact: EMILY FOLLIS E-Mail: emily_follis@egoresources.com		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 2267 MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-636-3600	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T25S R33E NENW 789FNL 2237FWL 32.150185 N Lat, 103.578514 W Lon		8. Well Name and No. ANTIETAM 9 FED COM 505H
		9. API Well No. 30-025-47374-00-X1
		10. Field and Pool or Exploratory Area TRISTE DRAW-BONE SPRING
		11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10-19-2020 12-1/4" hole
 10-19-2020 1st Intermediate Hole @ 5,041' MD, 4,975' TVD
 Casing shoe @ 5,026' MD
 Ran 9-5/8", 40#, HCL-80 LTC
 Lead Cement w/ 1,345 sx Class C (2.15 yld, 12.9 ppg), trail w/ 290 sx Class C (1.41 yld, 14.8 ppg)
 Test casing to 1,600 psi for 30 min - good. Did not circ cement to surface
 Ran temp survey and found TOC @ 421'
 Approved by Yolanda Jimenez at the BLM to continue operations without remediation. Resume drilling
 8-3/4" hole

Accepted for record - JAG - NMOCD - 6/14/2021

14. I hereby certify that the foregoing is true and correct. Electronic Submission #535075 verified by the BLM Well Information System For EOG RESOURCES INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 10/23/2020 (21PP0296SE)	
Name (Printed/Typed) EMILY FOLLIS	Title SR REGULATORY ADMINISTRATOR
Signature (Electronic Submission)	Date 10/22/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROELUM ENGINEER	Date 10/28/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #535075

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM118726	NMNM118726
Agreement:		
Operator:	EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702 Ph: 432-636-3600	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432-636-3600	EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432-636-3600
Tech Contact:	EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432-636-3600	EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432-636-3600
Location:		
State:	NM	NM
County:	LEA COUNTY	LEA
Field/Pool:	96392 DRAPER MILL;BONE SP	TRISTE DRAW-BONE SPRING
Well/Facility:	ANTIETAM 9 FED COM 505H Sec 9 T25S R33E 789FNL 2237FWL	ANTIETAM 9 FED COM 505H Sec 9 T25S R33E NENW 789FNL 2237FWL 32.150185 N Lat, 103.578514 W Lon

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 20317

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 20317
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I

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

District IV

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

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

CONDITIONS

Action 20317

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 20317
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 within 10 days to NMOCD after BLM approval.	6/15/2021