

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 11/17/2020	
⁴ API Number 30 - 025-47376	⁵ Pool Name WC025 G08 S233528D; LOWER BONE SPRING		⁶ Pool Code 97958
⁷ Property Code 328504	⁸ Property Name GLADIATOR 3 FEDERAL COM		⁹ Well Number 301H

II. ¹⁰ Surface Location

UL or lot no. M	Section 3	Township 24S	Range 35E	Lot Idn	Feet from the 350	North/South Line SOUTH	Feet from the 792	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

SL

UL or lot no. E	Section 34	Township 23S	Range 35E	Lot Idn	Feet from the 1757	North/South line NORTH	Feet from the 361	East/West line WEST	County LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 08/29/2020	²² Ready Date 11/17/2020	²³ TD 18,466'	²⁴ PBTD 18,420'	²⁵ Perforations 10281-18420'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 1/2		13 3/8"		1454'	1105 SXS CL C/CIRC
12 1/4"		9 5/8"		5647'	3180 SXS CL C/CIRC
8 1/2"		5 1/2"		18,466'	2920 SXS CL H TOC 3130 CBL

V. Well Test Data

³¹ Date New Oil 11/17/2020	³² Gas Delivery Date 11/17/2020	³³ Test Date 11/29/2020	³⁴ Test Length 24	³⁵ Tbg. Pressure 288	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 1615	³⁹ Water 3538	⁴⁰ Gas 2734		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: Title: Approval Date:		
Printed name: Kay Maddox					
Title: SENIOR REGULATORY SPECIALIST					
E-mail Address: kay_maddox@eogresources.com					
Date: 12/21/2020		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- 47376	² Pool Code 97958	³ Pool Name WC025 G08 S233528D; LOWER BONE SPRING
⁴ Property Code 328504	⁵ Property Name GLADIATOR 3 FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 301H
		⁹ Elevation 3390'

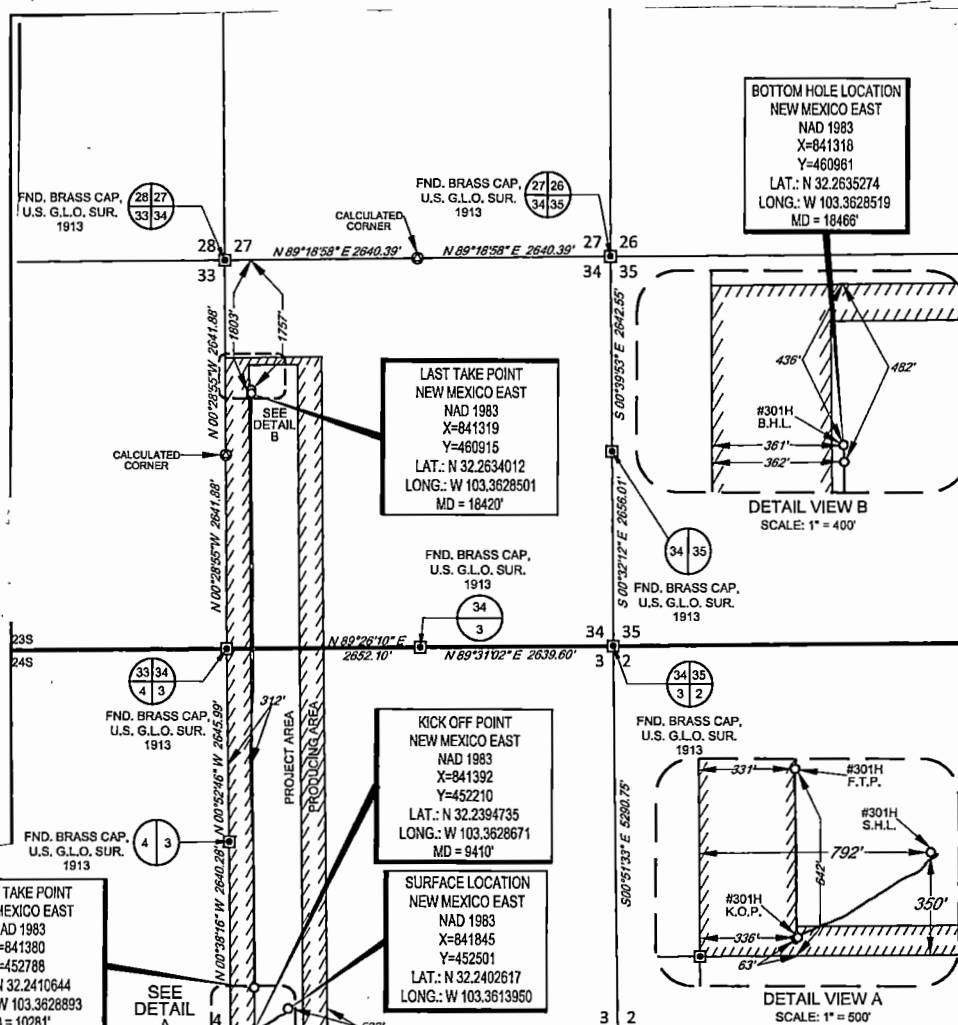
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	24-S	35-E	-	350'	SOUTH	792'	WEST	LEA

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	34	23-S	35-E	-	1757'	NORTH	361'	WEST	LEA
¹² Dedicated Acres 321.21		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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 12/18/2020
Signature Date

KAY MADDOX

Printed Name

KAY_MADDOX@EOGRESOURCES.COM

E-mail Address

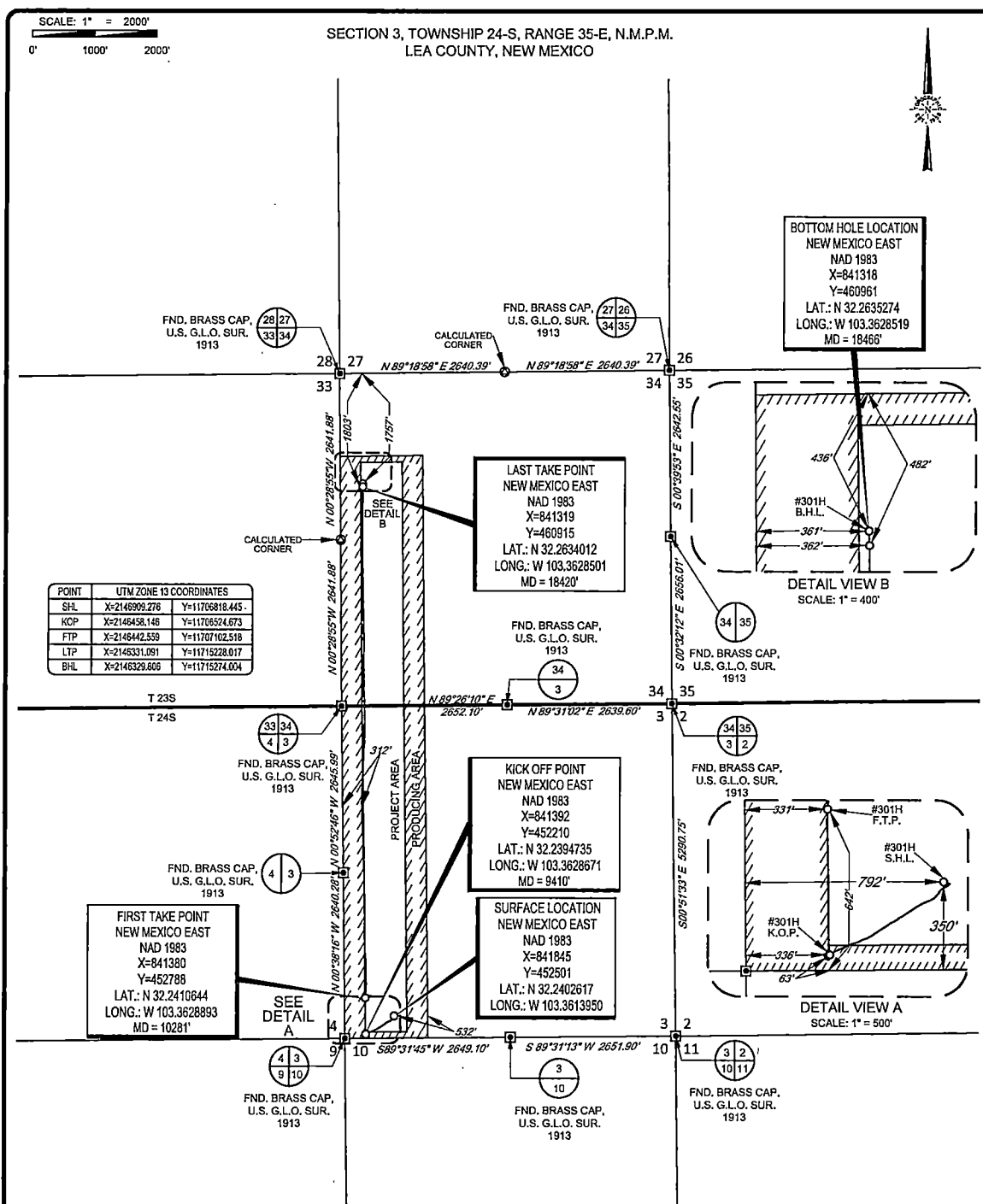
¹⁸SURVEYOR CERTIFICATION

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.

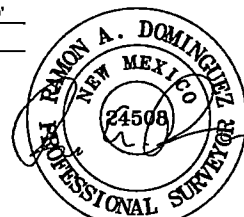
07/12/2019
Date of Survey
Signature and Seal of Professional Surveyor
RANNEY A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

GLADIATOR_3_FED_COM_301H_REV2.DWG 7/6/2020 3:22:43 PM rdominguez



LEASE NAME & WELL NO.: GLADIATOR 3 FED COM #301H
SECTION 3 TWP 24-S RGE 35-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3389'
DESCRIPTION 350' FSL & 792' FWL



Ramon A. Dominguez, P.S. No. 24508
NOVEMBER 12, 2020



GLADIATOR 3 FED COM #301H AS-COMplete	REVISION:	
DATE:	11/12/2020	
FILE:AD_GLADIATOR 3_FED COM 301H		
DRAWN BY:	A.V.F.	
SHEET :	1 OF 1	

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, SURVEY FEET, NORTH AMERICAN DATUM 1983
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.



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Gladiator 3 Fed Com

#301H

OH

Design: OH

Final PVA

01 October, 2020



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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		Gladiator 3 Fed Com								
Site Position:		Northing:		452,517.00	usft	Latitude:	32° 14' 24.928 N			
From:	Map	Easting:		843,812.00	usft	Longitude:	103° 21' 18.117 W			
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.52	°

Well		#301H				
Well Position	+N/-S	0.0 usft	Northing:	452,501.00 usft	Latitude:	32° 14' 24.947 N
	+E/-W	0.0 usft	Easting:	841,845.00 usft	Longitude:	103° 21' 41.019 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,390.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/5/2019	6.60	60.08	47,724.17219849

Design		OH			
Audit Notes:					
Version:		1.0	Phase:		ACTUAL
			Tie On Depth:		0.0
Vertical Section:		Depth From (TVD) (usft)		+N/-S (usft)	+E/-W (usft)
				Direction (°)	
		0.0		0.0	0.0
				356.76	

Survey Program		Date	10/1/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
176.0	18,466.0	Pro MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



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Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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	
176.0	0.57	106.68	176.0	-0.3	0.8	0.32	0.32	0.00	-0.9	0.0	
233.0	0.79	124.35	233.0	-0.6	1.4	0.53	0.39	31.00	-1.5	0.4	
418.0	0.88	104.57	418.0	-1.6	3.9	0.16	0.05	-10.69	-4.1	-0.6	
600.0	0.66	104.13	600.0	-2.2	6.2	0.12	-0.12	-0.24	-6.6	-0.6	
788.0	0.97	102.38	787.9	-2.8	8.8	0.17	0.16	-0.93	-9.2	-0.9	
976.0	1.27	100.79	975.9	-3.6	12.4	0.16	0.16	-0.85	-12.9	-1.2	
1,163.0	1.45	102.82	1,162.8	-4.5	16.8	0.10	0.10	1.09	-17.4	-0.7	
1,352.0	0.97	98.95	1,351.8	-5.3	20.7	0.26	-0.25	-2.05	-21.3	-2.0	
1,385.0	0.66	122.94	1,384.8	-5.4	21.1	1.38	-0.94	72.70	-20.7	6.9	
1,475.0	0.57	113.04	1,474.8	-5.9	22.0	0.15	-0.10	-11.00	-22.5	3.2	
1,568.0	0.40	150.57	1,567.8	-6.3	22.6	0.38	-0.18	40.35	-16.6	16.5	
1,663.0	0.35	187.05	1,662.8	-6.9	22.7	0.25	-0.05	38.40	-4.1	23.4	
1,757.0	1.45	225.89	1,756.8	-8.0	21.8	1.27	1.17	41.32	10.1	20.9	
1,851.0	2.68	220.80	1,850.7	-10.5	19.5	1.32	1.31	-5.41	4.8	21.6	
1,945.0	2.86	235.04	1,944.6	-13.5	16.1	0.75	0.19	15.15	5.5	20.3	
2,039.0	3.16	240.31	2,038.5	-16.2	12.0	0.43	0.32	5.61	2.4	20.0	
2,133.0	2.72	240.40	2,132.4	-18.5	7.8	0.47	-0.47	0.10	-2.4	20.0	
2,228.0	2.33	241.89	2,227.3	-20.6	4.1	0.42	-0.41	1.57	-6.0	20.1	
2,322.0	1.98	240.75	2,321.2	-22.3	1.0	0.38	-0.37	-1.21	-10.0	19.9	
2,416.0	1.80	239.17	2,415.1	-23.8	-1.7	0.20	-0.19	-1.68	-13.6	19.6	
2,509.0	1.32	243.03	2,508.1	-25.0	-3.9	0.53	-0.52	4.15	-14.8	20.6	
2,604.0	1.23	253.49	2,603.1	-25.8	-5.8	0.26	-0.09	11.01	-12.9	23.1	
2,698.0	1.58	224.93	2,697.1	-27.0	-7.7	0.82	0.37	-30.38	-24.6	13.6	
2,792.0	3.34	220.36	2,791.0	-30.0	-10.4	1.88	1.87	-4.86	-27.7	12.1	
2,888.0	4.53	217.46	2,886.7	-35.2	-14.5	1.26	1.24	-3.02	-30.0	12.2	
2,982.0	4.70	213.68	2,980.4	-41.3	-18.9	0.37	0.18	-4.02	-30.7	13.2	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)
3,077.0	3.82	217.37	3,075.2	-47.1	-23.0	0.97	-0.93	3.88	-26.3	19.1
3,171.0	4.31	224.14	3,168.9	-52.1	-27.3	0.73	0.52	7.20	-19.3	24.8
3,265.0	6.50	225.89	3,262.5	-58.3	-33.6	2.34	2.33	1.86	-16.1	27.6
3,358.0	8.35	234.07	3,354.7	-66.0	-42.9	2.29	1.99	8.80	-12.7	30.9
3,452.0	9.18	246.55	3,447.6	-73.0	-55.3	2.20	0.88	13.28	-8.7	32.4
3,546.0	9.40	248.22	3,540.4	-78.8	-69.3	0.37	0.23	1.78	-11.8	30.5
3,640.0	8.31	244.35	3,633.3	-84.6	-82.5	1.32	-1.16	-4.12	-16.9	27.6
3,735.0	7.12	242.51	3,727.4	-90.3	-94.0	1.28	-1.25	-1.94	-19.0	25.6
3,829.0	5.93	241.45	3,820.8	-95.3	-103.4	1.27	-1.27	-1.13	-18.8	24.2
3,923.0	6.20	236.88	3,914.3	-100.4	-111.9	0.59	0.29	-4.86	-19.1	22.2
4,018.0	7.29	234.16	4,008.6	-106.7	-121.1	1.20	1.15	-2.86	-19.7	21.5
4,111.0	7.03	234.95	4,100.9	-113.4	-130.5	0.30	-0.28	0.85	-19.7	22.1
4,206.0	6.77	234.07	4,195.2	-120.1	-139.8	0.30	-0.27	-0.93	-19.9	22.2
4,300.0	6.42	238.11	4,288.6	-126.1	-148.8	0.62	-0.37	4.30	-17.6	23.6
4,394.0	5.63	239.78	4,382.1	-131.2	-157.2	0.86	-0.84	1.78	-15.3	23.7
4,488.0	5.27	238.73	4,475.7	-135.7	-164.9	0.40	-0.38	-1.12	-13.2	22.9
4,582.0	4.57	237.93	4,569.3	-140.0	-171.8	0.75	-0.74	-0.85	-10.1	22.3
4,676.0	5.23	235.21	4,663.0	-144.4	-178.4	0.74	0.70	-2.89	-7.7	21.9
4,770.0	7.51	236.79	4,756.4	-150.2	-187.1	2.43	2.43	1.68	-6.1	22.2
4,864.0	8.88	239.08	4,849.4	-157.3	-198.5	1.50	1.46	2.44	-7.2	22.1
4,958.0	8.70	238.81	4,942.3	-164.7	-210.8	0.20	-0.19	-0.29	-10.3	21.6
5,053.0	8.44	236.79	5,036.2	-172.3	-222.8	0.42	-0.27	-2.13	-13.6	21.0
5,242.0	7.60	237.32	5,223.4	-186.6	-244.9	0.45	-0.44	0.28	-16.8	20.9
5,335.0	6.99	236.71	5,315.6	-193.0	-254.8	0.66	-0.66	-0.66	-17.5	20.6
5,429.0	6.46	237.67	5,409.0	-199.0	-264.0	0.58	-0.56	1.02	-16.7	20.8
5,523.0	6.02	237.24	5,502.4	-204.5	-272.6	0.47	-0.47	-0.46	-15.6	20.5
5,576.0	5.71	235.83	5,555.2	-207.5	-277.2	0.64	-0.58	-2.66	-15.1	20.1



EOG Resources

Final PVA

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Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)
5,678.0	4.75	232.31	5,656.7	-212.9	-284.7	0.99	-0.94	-3.45	-13.2	19.7
5,772.0	6.90	246.90	5,750.3	-217.5	-293.0	2.76	2.29	15.52	-6.0	21.3
5,865.0	7.60	245.32	5,842.5	-222.3	-303.7	0.78	0.75	-1.70	-7.1	19.3
5,960.0	7.47	245.67	5,936.7	-227.4	-315.0	0.15	-0.14	0.37	-8.0	17.5
6,054.0	7.25	248.04	6,029.9	-232.2	-326.1	0.40	-0.23	2.52	-8.1	15.8
6,149.0	6.94	246.73	6,124.2	-236.7	-336.9	0.37	-0.33	-1.38	-8.8	13.4
6,243.0	6.64	249.80	6,217.5	-240.8	-347.3	0.50	-0.32	3.27	-8.0	11.6
6,337.0	6.46	249.89	6,310.9	-244.5	-357.3	0.19	-0.19	0.10	-7.6	8.9
6,431.0	7.73	247.43	6,404.2	-248.7	-368.1	1.39	1.35	-2.62	-8.3	6.2
6,525.0	7.87	246.55	6,497.3	-253.7	-379.9	0.20	0.15	-0.94	-9.9	4.0
6,619.0	7.87	246.46	6,590.4	-258.8	-391.7	0.01	0.00	-0.10	-11.5	2.0
6,713.0	7.91	245.14	6,683.5	-264.1	-403.4	0.20	0.04	-1.40	-13.2	-0.1
6,808.0	7.65	245.41	6,777.7	-269.5	-415.1	0.28	-0.27	0.28	-14.6	-1.8
6,902.0	7.43	245.23	6,870.9	-274.7	-426.3	0.24	-0.23	-0.19	-15.6	-3.6
6,995.0	7.25	247.25	6,963.1	-279.5	-437.2	0.34	-0.19	2.17	-16.5	-5.0
7,089.0	6.02	257.10	7,056.5	-282.9	-447.5	1.78	-1.31	10.48	-17.1	-5.1
7,183.0	4.79	264.65	7,150.1	-284.3	-456.2	1.51	-1.31	8.03	-16.4	-7.5
7,276.0	5.32	257.54	7,242.7	-285.6	-464.3	0.88	0.57	-7.65	-13.5	-13.8
7,370.0	3.34	267.91	7,336.4	-286.6	-471.3	2.26	-2.11	11.03	-16.1	-14.4
7,463.0	1.80	245.49	7,429.3	-287.4	-475.3	1.95	-1.66	-24.11	-8.7	-21.2
7,557.0	1.67	180.81	7,523.3	-289.3	-476.7	1.98	-0.14	-68.81	14.4	-16.9
7,652.0	2.46	144.33	7,618.2	-292.4	-475.5	1.57	0.83	-38.40	18.5	-5.8
7,746.0	2.59	152.33	7,712.1	-295.9	-473.3	0.40	0.14	8.51	13.4	-8.1
7,839.0	2.46	155.76	7,805.0	-299.6	-471.5	0.21	-0.14	3.69	8.8	-8.7
7,933.0	1.76	153.30	7,899.0	-302.7	-470.1	0.75	-0.74	-2.62	5.7	-8.4
8,026.0	1.36	145.03	7,992.0	-304.9	-468.8	0.49	-0.43	-8.89	4.3	-7.7
8,121.0	1.41	128.51	8,086.9	-306.5	-467.2	0.42	0.05	-17.39	4.1	-6.5



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)
8,214.0	1.32	121.48	8,179.9	-307.8	-465.4	0.20	-0.10	-7.56	2.6	-6.1
8,308.0	1.19	109.35	8,273.9	-308.7	-463.6	0.31	-0.14	-12.90	1.8	-5.6
8,402.0	0.92	117.09	8,367.9	-309.4	-462.0	0.32	-0.29	8.23	-0.7	-5.7
8,497.0	1.05	104.17	8,462.8	-309.9	-460.5	0.27	0.14	-13.60	-1.0	-5.9
8,591.0	0.92	77.36	8,556.8	-310.0	-458.9	0.50	-0.14	-28.52	0.2	-6.1
8,685.0	0.66	82.11	8,650.8	-309.7	-457.6	0.29	-0.28	5.05	-1.6	-6.0
8,779.0	0.62	42.03	8,744.8	-309.3	-456.7	0.47	-0.04	-42.64	1.7	-6.0
8,874.0	0.92	22.43	8,839.8	-308.2	-456.1	0.42	0.32	-20.63	2.4	-5.2
8,969.0	1.32	32.89	8,934.8	-306.6	-455.2	0.47	0.42	11.01	-0.4	-5.4
9,062.0	1.41	17.24	9,027.8	-304.6	-454.3	0.41	0.10	-16.83	-1.1	-5.6
9,157.0	1.89	28.76	9,122.7	-302.1	-453.2	0.61	0.51	12.13	-4.9	-5.0
9,260.0	1.94	1.33	9,225.7	-298.9	-452.3	0.88	0.05	-26.63	-5.3	-7.5
9,354.0	2.37	6.43	9,319.6	-295.3	-452.1	0.50	0.46	5.43	-9.5	-6.9
9,410.0	6.86	349.38	9,375.4	-290.9	-452.6	8.29	8.01	-30.44	-11.5	-9.8
KOP, MD:9410.0', TVD:9375.4', N/S:-290.9', E/W:-452.6', INC:6.86										
9,448.0	9.98	346.66	9,413.0	-285.5	-453.7	8.29	8.22	-7.16	-16.5	-10.5
KOP (Gladiator 3 Fed Com #301H)										
9,543.0	27.33	356.41	9,502.7	-255.5	-457.0	18.49	18.26	10.26	-41.4	-5.9
9,545.7	27.76	356.59	9,505.1	-254.2	-457.1	16.07	15.75	6.83	-42.3	-5.7
HL Crossing, MD:9545.7', TVD:9505.1', N/S:-254.2', E/W:-457.1', INC:27.76										
9,637.0	42.23	0.81	9,579.7	-202.0	-457.9	16.07	15.85	4.62	-75.0	-1.5
9,731.0	43.59	357.99	9,648.5	-138.0	-458.6	2.50	1.45	-3.00	-105.1	-5.5
9,825.0	43.55	359.49	9,716.6	-73.3	-460.1	1.10	-0.04	1.60	-118.7	-2.3
9,895.4	44.62	0.09	9,767.2	-24.3	-460.2	1.63	1.52	0.85	-117.0	-1.8
FTP (Gladiator 3 Fed Com #301H)										
9,918.0	44.96	0.28	9,783.2	-8.4	-460.2	1.63	1.52	0.83	-114.4	-1.9
10,012.0	46.32	358.26	9,849.0	58.8	-461.1	2.11	1.45	-2.15	-93.4	-3.8
10,106.0	52.38	358.43	9,910.2	130.1	-463.1	6.45	6.45	0.18	-61.5	-2.0



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)
10,202.0	64.29	357.12	9,960.5	211.6	-466.3	12.46	12.41	-1.36	-27.5	0.7
10,233.0	72.20	0.02	9,972.0	240.3	-467.0	26.95	25.52	9.35	-18.2	1.2
10,281.0	79.76	5.46	9,983.6	286.8	-464.8	19.20	15.75	11.33	-7.2	-1.6
10,296.0	80.20	5.46	9,986.2	301.5	-463.4	2.93	2.93	0.00	-4.5	-3.1
10,390.0	84.29	3.97	9,998.9	394.3	-455.7	4.63	4.35	-1.59	8.9	-11.8
10,484.0	88.02	0.10	10,005.2	488.0	-452.4	5.71	3.97	-4.12	16.0	-16.1
10,577.0	91.32	359.05	10,005.7	581.0	-453.1	3.72	3.55	-1.13	17.3	-16.4
10,671.0	92.99	358.52	10,002.2	674.9	-455.1	1.86	1.78	-0.56	14.5	-15.5
10,764.0	93.69	358.08	9,996.8	767.7	-457.8	0.89	0.75	-0.47	9.8	-13.7
10,859.0	94.17	357.64	9,990.3	862.4	-461.4	0.68	0.51	-0.46	4.1	-11.2
10,954.0	93.52	357.29	9,983.9	957.1	-465.6	0.78	-0.68	-0.37	-1.5	-8.0
11,048.0	94.88	357.82	9,977.0	1,050.7	-469.6	1.55	1.45	0.56	-7.6	-5.0
11,142.0	93.87	358.79	9,969.8	1,144.4	-472.3	1.49	-1.07	1.03	-14.1	-3.2
11,236.0	92.55	359.93	9,964.6	1,238.3	-473.4	1.85	-1.40	1.21	-18.6	-3.2
11,329.0	89.87	359.66	9,962.6	1,331.2	-473.7	2.90	-2.88	-0.29	-19.8	-3.9
11,423.0	91.45	0.28	9,961.5	1,425.2	-473.8	1.81	1.68	0.66	-20.1	-4.8
11,501.1	88.92	0.43	9,961.3	1,503.3	-473.3	3.24	-3.24	0.19	-19.7	-6.1
TGT 1 (Gladiator 3 Fed Com #301H)										
11,516.0	88.44	0.46	9,961.6	1,518.2	-473.2	3.24	-3.24	0.19	-19.2	-6.4
11,611.0	88.46	359.84	9,964.2	1,613.2	-472.9	0.65	0.02	-0.65	-13.8	-7.7
11,705.0	87.98	359.58	9,967.1	1,707.1	-473.4	0.58	-0.51	-0.28	-6.7	-8.2
11,800.0	87.63	358.96	9,970.7	1,802.1	-474.6	0.75	-0.37	-0.65	1.1	-8.0
11,894.0	90.79	357.55	9,972.0	1,896.0	-477.5	3.68	3.36	-1.50	6.6	-6.2
11,988.0	91.36	357.38	9,970.3	1,989.9	-481.6	0.63	0.61	-0.18	9.0	-3.0
12,082.0	92.90	359.05	9,966.8	2,083.8	-484.5	2.42	1.64	1.78	9.7	-1.1
12,175.0	91.63	358.43	9,963.1	2,176.7	-486.6	1.52	-1.37	-0.67	10.2	-0.1
12,269.0	91.63	358.52	9,960.4	2,270.6	-489.1	0.10	0.00	0.10	11.7	1.4



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)	
12,283.0	91.60	358.44	9,960.0	2,284.6	-489.5	0.61	-0.23	-0.56	11.9	1.6	
Fed PP (Gladiator 3 Fed Com #301H)											
12,363.0	91.41	357.99	9,957.9	2,364.5	-492.0	0.61	-0.23	-0.56	13.4	3.3	
12,457.0	91.98	358.70	9,955.2	2,458.4	-494.7	0.97	0.61	0.76	14.8	5.0	
12,551.0	92.02	358.96	9,951.9	2,552.4	-496.6	0.28	0.04	0.28	15.7	5.9	
12,645.0	91.76	358.35	9,948.8	2,646.3	-498.8	0.71	-0.28	-0.65	16.8	7.1	
12,740.0	91.45	357.47	9,946.1	2,741.2	-502.3	0.98	-0.33	-0.93	18.4	9.5	
12,834.0	90.18	357.12	9,944.8	2,835.1	-506.7	1.40	-1.35	-0.37	21.2	12.9	
12,928.0	90.35	357.03	9,944.3	2,928.9	-511.5	0.20	0.18	-0.10	25.0	16.7	
13,021.0	93.16	358.96	9,941.5	3,021.8	-514.7	3.66	3.02	2.08	26.2	19.0	
13,114.0	93.74	359.31	9,935.9	3,114.6	-516.1	0.73	0.62	0.38	24.8	19.4	
13,209.0	93.25	358.35	9,930.1	3,209.5	-518.1	1.13	-0.52	-1.01	23.2	20.3	
13,303.0	92.81	357.99	9,925.1	3,303.3	-521.1	0.60	-0.47	-0.38	22.4	22.3	
13,343.1	93.86	358.85	9,922.8	3,343.2	-522.2	3.39	2.62	2.16	21.9	23.0	
TGT 2 (Gladiator 3 Fed Com #301H)											
13,397.0	95.27	0.02	9,918.5	3,397.0	-522.7	3.39	2.62	2.16	19.6	22.9	
13,491.0	95.71	0.37	9,909.5	3,490.6	-522.4	0.60	0.47	0.37	14.1	21.6	
13,585.0	93.08	1.25	9,902.3	3,584.3	-521.1	2.95	-2.80	0.94	10.4	19.3	
13,679.0	93.16	1.60	9,897.2	3,678.1	-518.7	0.38	0.09	0.37	8.8	15.9	
13,773.0	93.69	1.77	9,891.6	3,771.9	-516.0	0.59	0.56	0.18	6.6	12.2	
13,867.0	93.21	1.60	9,885.9	3,865.7	-513.2	0.54	-0.51	-0.18	4.5	8.4	
13,961.0	93.12	1.69	9,880.7	3,959.5	-510.5	0.14	-0.10	0.10	2.8	4.7	
14,055.0	90.70	3.00	9,877.6	4,053.4	-506.7	2.93	-2.57	1.39	3.2	-0.2	
14,149.0	88.07	2.39	9,878.6	4,147.3	-502.2	2.87	-2.80	-0.65	7.7	-5.6	
14,244.0	90.18	3.27	9,880.1	4,242.1	-497.6	2.41	2.22	0.93	12.7	-11.3	
14,337.0	89.78	3.09	9,880.1	4,335.0	-492.4	0.47	-0.43	-0.19	16.1	-17.4	
14,431.0	89.69	0.81	9,880.5	4,428.9	-489.2	2.43	-0.10	-2.43	20.0	-21.7	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)
14,525.0	93.38	359.93	9,878.0	4,522.9	-488.6	4.04	3.93	-0.94	21.0	-23.3
14,619.0	93.74	359.93	9,872.2	4,616.7	-488.7	0.38	0.38	0.00	18.7	-24.2
14,713.0	94.22	0.10	9,865.7	4,710.5	-488.7	0.54	0.51	0.18	15.7	-25.2
14,808.0	94.66	0.10	9,858.3	4,805.2	-488.5	0.46	0.46	0.00	11.8	-26.4
14,902.0	93.25	358.52	9,851.8	4,898.9	-489.7	2.25	-1.50	-1.68	8.8	-26.3
14,997.0	94.13	358.43	9,845.7	4,993.7	-492.2	0.93	0.93	-0.09	6.2	-24.8
15,090.0	94.70	358.35	9,838.6	5,086.4	-494.8	0.62	0.61	-0.09	2.5	-23.2
15,184.0	95.27	358.52	9,830.4	5,180.0	-497.3	0.63	0.61	0.18	-2.2	-21.6
15,279.0	95.98	358.70	9,821.1	5,274.5	-499.6	0.77	0.75	0.19	-7.9	-20.3
15,299.0	96.33	358.52	9,818.9	5,294.4	-500.1	1.97	1.75	-0.90	-9.3	-20.1
15,393.0	95.54	359.66	9,809.2	5,387.9	-501.6	1.47	-0.84	1.21	-15.5	-19.6
15,486.0	92.86	359.58	9,802.4	5,480.6	-502.2	2.88	-2.88	-0.09	-18.9	-20.0
15,494.2	92.66	359.63	9,802.0	5,488.8	-502.3	2.52	-2.44	0.65	-19.0	-20.0
TGT 3 (Gladiator 3 Fed Com #301H)										
15,580.0	90.57	0.19	9,799.6	5,574.6	-502.4	2.52	-2.44	0.65	-18.8	-20.8
15,673.0	88.59	1.42	9,800.3	5,667.5	-501.1	2.51	-2.13	1.32	-15.3	-23.1
15,768.0	88.90	1.60	9,802.3	5,762.5	-498.6	0.38	0.33	0.19	-10.4	-26.6
15,862.0	88.51	359.49	9,804.5	5,856.5	-497.7	2.28	-0.41	-2.24	-5.5	-28.5
15,957.0	88.90	358.61	9,806.6	5,951.4	-499.3	1.01	0.41	-0.93	-0.5	-28.0
16,051.0	88.68	358.87	9,808.6	6,045.4	-501.3	0.36	-0.23	0.28	4.3	-26.9
16,145.0	88.95	358.87	9,810.5	6,139.3	-503.2	0.29	0.29	0.00	9.0	-26.1
16,240.0	89.34	358.79	9,812.0	6,234.3	-505.1	0.42	0.41	-0.08	13.3	-25.2
16,334.0	89.82	359.05	9,812.7	6,328.3	-506.9	0.58	0.51	0.28	16.8	-24.4
16,429.0	90.79	359.05	9,812.1	6,423.3	-508.5	1.02	1.02	0.00	19.1	-23.8
16,523.0	91.54	359.31	9,810.2	6,517.2	-509.8	0.84	0.80	0.28	20.0	-23.5
16,617.0	91.85	359.49	9,807.5	6,611.2	-510.8	0.38	0.33	0.19	20.0	-23.5
16,712.0	90.44	358.43	9,805.6	6,706.2	-512.5	1.86	-1.48	-1.12	20.9	-22.8



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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)
16,805.0	90.70	358.61	9,804.6	6,799.1	-514.9	0.34	0.28	0.19	22.8	-21.4
16,899.0	89.47	358.61	9,804.5	6,893.1	-517.2	1.31	-1.31	0.00	25.4	-20.2
16,993.0	89.56	358.43	9,805.3	6,987.1	-519.6	0.21	0.10	-0.19	29.0	-18.7
17,086.0	90.53	359.05	9,805.2	7,080.0	-521.7	1.24	1.04	0.67	31.7	-17.7
17,180.0	90.62	359.05	9,804.3	7,174.0	-523.2	0.10	0.10	0.00	33.6	-17.1
17,273.0	90.83	358.96	9,803.1	7,267.0	-524.9	0.25	0.23	-0.10	35.2	-16.5
17,367.0	91.45	358.96	9,801.2	7,361.0	-526.6	0.66	0.66	0.00	36.1	-15.8
17,461.0	91.45	359.05	9,798.8	7,454.9	-528.2	0.10	0.00	0.10	36.6	-15.2
17,554.0	91.80	359.14	9,796.2	7,547.9	-529.7	0.39	0.38	0.10	36.7	-14.7
17,648.0	89.74	359.84	9,794.9	7,641.8	-530.5	2.31	-2.19	0.74	38.3	-14.9
17,742.0	90.04	359.49	9,795.1	7,735.8	-531.1	0.49	0.32	-0.37	41.2	-15.4
17,836.0	88.46	0.63	9,796.4	7,829.8	-531.0	2.07	-1.68	1.21	45.3	-16.5
17,930.0	88.33	0.89	9,799.0	7,923.8	-529.7	0.31	-0.14	0.28	50.7	-18.7
18,024.0	88.37	0.89	9,801.7	8,017.7	-528.2	0.04	0.04	0.00	56.2	-21.2
18,117.0	85.96	1.07	9,806.3	8,110.6	-526.7	2.60	-2.59	0.19	63.6	-23.9
18,167.6	85.56	1.26	9,810.0	8,161.0	-525.6	0.87	-0.79	0.37	68.8	-25.4
TGT 4 (Gladiator 3 Fed Com #301H)										
18,212.0	85.21	1.42	9,813.6	8,205.3	-524.6	0.87	-0.79	0.37	73.4	-27.0
18,306.0	86.66	359.31	9,820.3	8,299.1	-524.0	2.72	1.54	-2.24	81.1	-28.5
18,401.0	86.79	358.79	9,825.7	8,393.9	-525.6	0.56	0.14	-0.55	87.5	-28.0
Final MWD Survey (MD=18401.0')										
18,466.0	86.79	358.79	9,829.3	8,458.8	-526.9	0.00	0.00	0.00	91.8	-27.3
Final Projection to Bit (MD=18466.0') - PBHL (Gladiator 3 Fed Com #301H)										



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #301H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3422.0usft
Site:	Gladiator 3 Fed Com	MD Reference:	KB = 32' @ 3422.0usft
Well:	#301H	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			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,410.0	9,375.4	-290.9	-452.6	KOP, MD:9410.0', TVD:9375.4',N/S:-290.9', E/W:-452.6', INC:6.86	
9,545.7	9,505.1	-254.2	-457.1	HL Crossing, MD:9545.7', TVD:9505.1',N/S:-254.2', E/W:-457.1', INC:27.76	
18,401.0	9,825.7	8,393.9	-525.6	Final MWD Survey (MD=18401.0')	
18,466.0	9,829.3	8,458.8	-526.9	Final Projection to Bit (MD=18466.0')	

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 12/28/2020



Lea County, NM (NAD 83 NME)

Gladiator 3 Fed Com #301H

Plan #1



To convert a Magnetic Direction to a Grid Direction, Add 6.08°
To convert a Magnetic Direction to a True Direction, Add 6.60° East
To convert a True Direction to a Grid Direction, Subtract 0.52°

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: #301H

KB = 32' @ 3422.0usft
Northing 452501.00 Easting 841845.00 Latitude 32° 14' 24.947 N Longitude 103° 21' 41.019 W

SECTION DETAILS

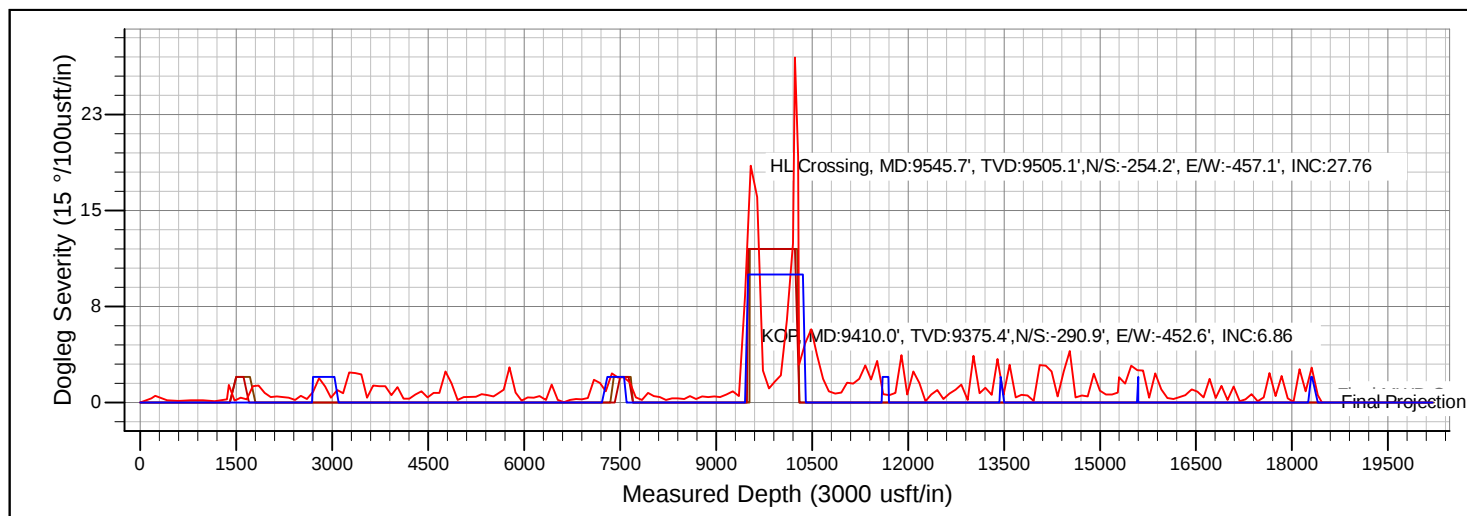
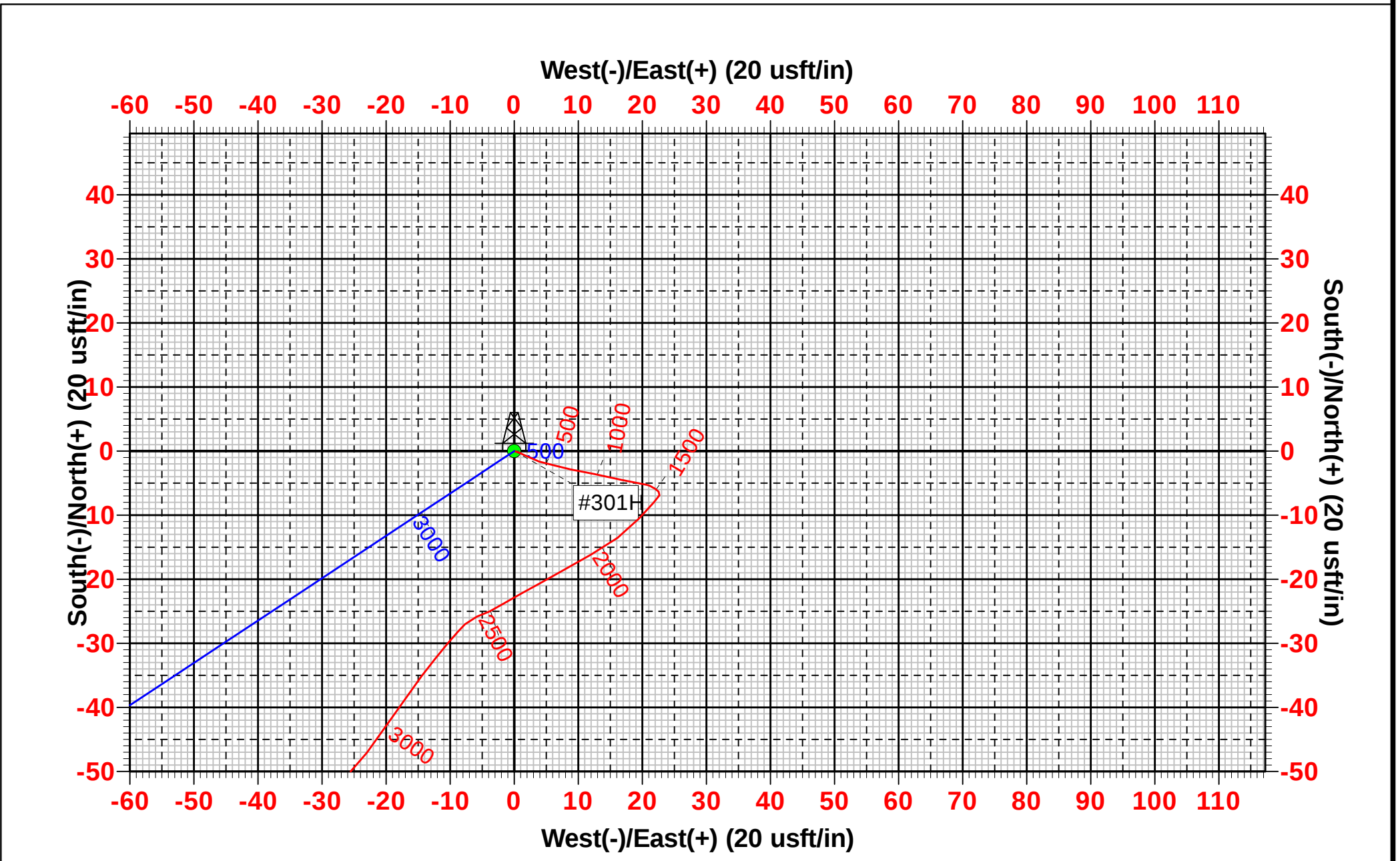
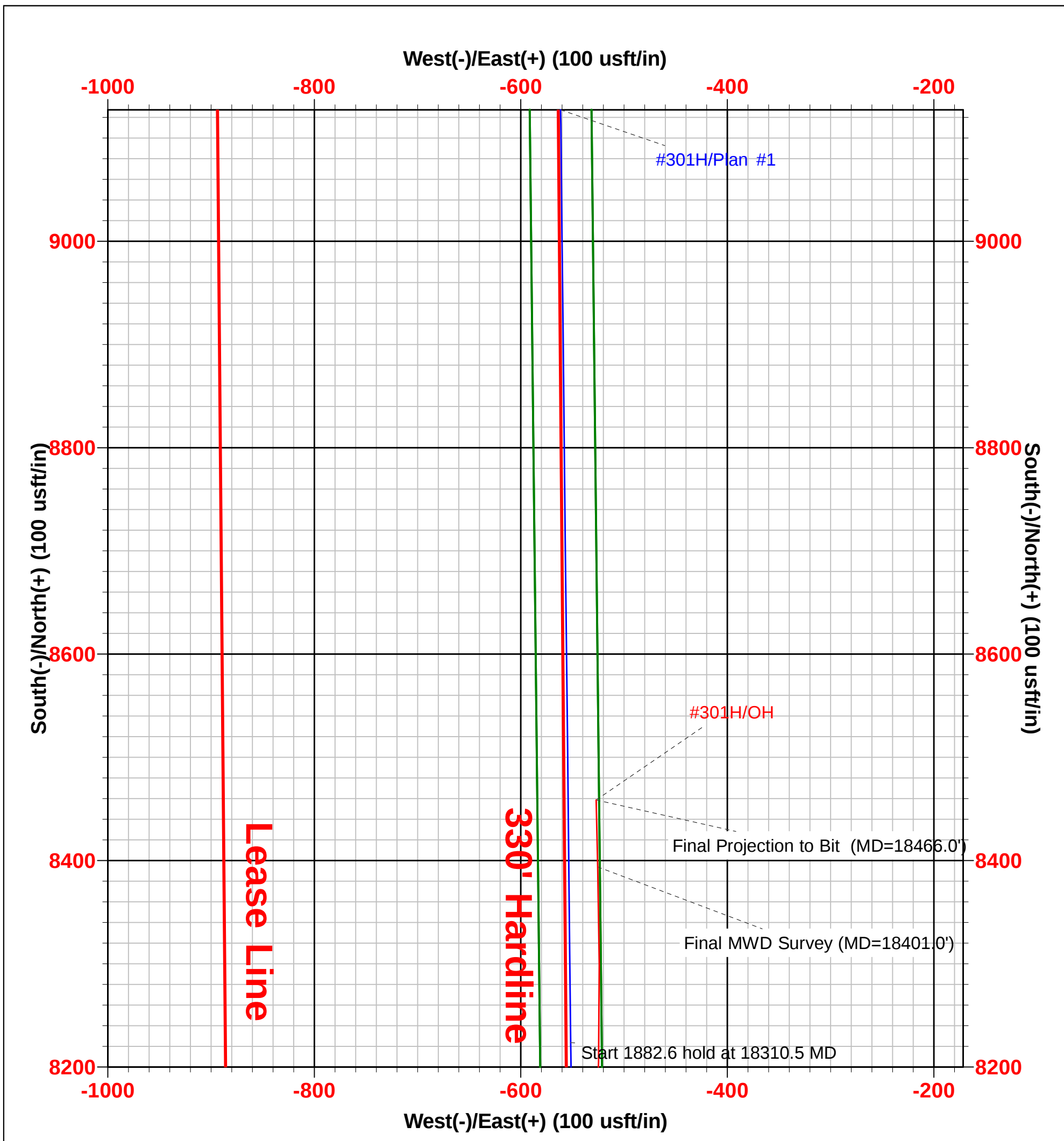
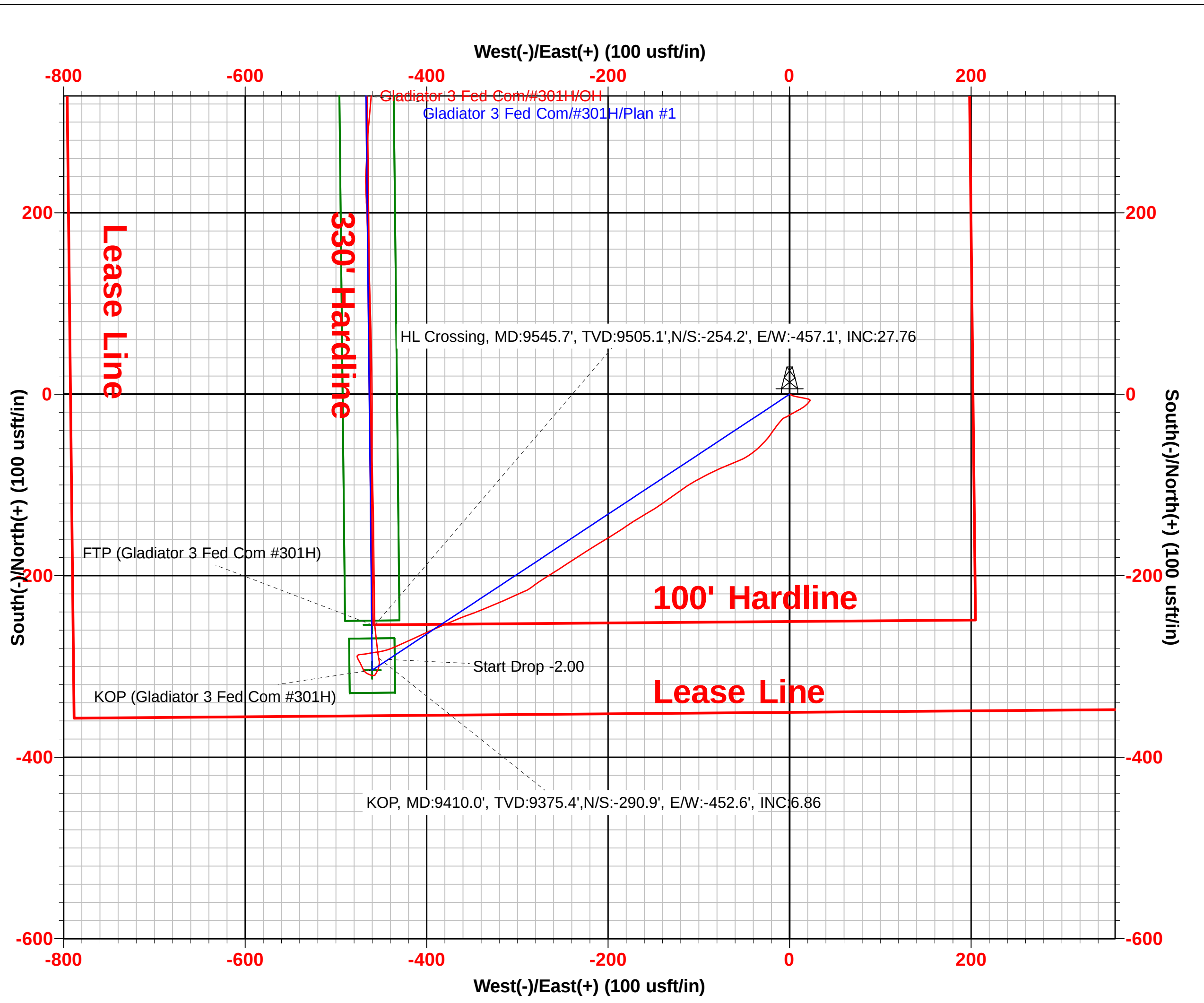
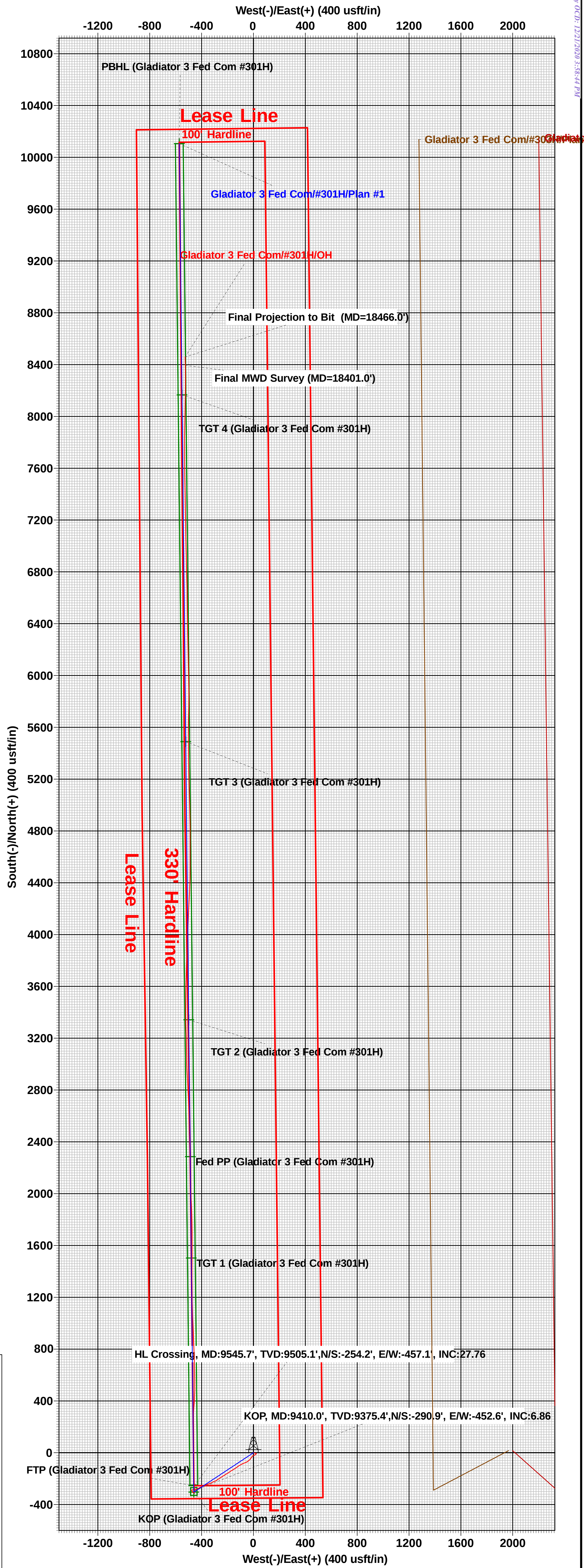
	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2685.0	0.00	0.00	2685.0	0.0	0.0	0.00	0.00	0.0	
3	3034.8	7.00	236.54	3033.9	-11.8	-17.8	2.00	236.54	-10.7	
4	7212.1	7.00	236.54	7180.1	-292.2	-442.2	0.00	0.00	-266.8	
5	7561.8	0.00	0.00	7529.0	-304.0	-460.0	2.00	180.00	-277.5	
6	9450.8	0.00	0.00	9418.0	-304.0	-460.0	0.00	0.00	-277.5	KOP (Gladiator 3 Fed Com #301H)
7	10355.5	90.46	359.38	9990.9	273.6	-466.2	10.00	359.38	299.5	TGT 1 (Gladiator 3 Fed Com #301H)
8	11585.3	90.46	359.38	9981.0	1503.3	-479.4	0.00	0.00	1528.0	TGT 2 (Gladiator 3 Fed Com #301H)
9	11689.7	92.55	359.38	9978.3	1607.6	-480.5	2.00	0.00	1632.2	TGT 3 (Gladiator 3 Fed Com #301H)
10	13426.0	92.55	359.38	9901.0	3342.1	-499.2	0.00	0.00	3365.0	TGT 4 (Gladiator 3 Fed Com #301H)
11	13446.9	92.13	359.38	9900.1	3363.0	-499.4	2.00	180.00	3385.9	PBHL (Gladiator 3 Fed Com #301H)
12	15574.8	92.13	359.38	9821.0	5489.3	-522.3	0.00	0.00	5510.0	
13	15595.9	91.71	359.38	9820.3	5510.4	-522.5	2.00	-180.00	5531.1	
14	18253.7	91.71	359.38	9741.0	8166.9	-551.1	0.00	0.00	8185.0	
15	18310.5	90.57	359.38	9739.9	8223.6	-551.7	2.00	180.00	8241.7	
16	20193.1	90.57	359.38	9721.0	10106.0	-571.9	0.00	0.00	10122.2	

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Gladiator 3 Fed Com #301H)	9418.0	-304.0	-460.0	452197.00	841385.00
PBHL (Gladiator 3 Fed Com #301H)	9721.0	10106.0	-571.9	462607.00	841273.10
TGT 4 (Gladiator 3 Fed Com #301H)	9741.0	8166.9	-551.1	460667.90	841293.94
TGT 3 (Gladiator 3 Fed Com #301H)	9821.0	5489.3	-522.3	457990.30	841322.73
TGT 2 (Gladiator 3 Fed Com #301H)	9901.0	3342.1	-499.2	455843.10	841345.81
TGT 1 (Gladiator 3 Fed Com #301H)	9981.0	1503.3	-479.4	454004.30	841365.57
FTP (Gladiator 3 Fed Com #301H)	9991.0	-254.0	-460.0	452247.00	841385.00
Fed PP (Gladiator 3 Fed Com #301H)	10009.0	2286.0	-487.0	454787.00	841358.00



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

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

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

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 12/21/2020

☐ Original Operator & OGRID No.: EOG Resources Inc 7377
☒ Amended - Reason for Amendment: COMPLETED WELL

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
GLADIATOR 3 FEDERAL COM # 301H	30-025-47376	SEC 3 T24S R35E	350' FSL & 792' FWL	2600 MCFD	1079 mcf total flared	New Well

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to ENTERPRISE & REGENCY and will be connected to EOG Resources Inc low/high pressure gathering system located in LEA County, New Mexico. It will require N/A' of pipeline to connect the facility to low/high pressure gathering system. EOG Resources Inc provides (periodically) to ENTERPRISE & REGENCY a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, EOG Resources Inc and ENTERPRISE & REGENCY have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ENTERPRISE & REGENCY Processing Plant located in LEA County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on ENTERPRISE & REGENCY system at that time. Based on current information, it is EOG Resources Inc belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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

CONDITIONS

Action 12836

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	12836	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None