

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 1/20/2021	
⁴ API Number 30 - 025-46748	⁵ Pool Name WC025 G09 S263416B; UPPER WOLFCAMP		⁶ Pool Code 98105
⁷ Property Code 325735	⁸ Property Name LOBO BLANCO 9 FED		⁹ Well Number 707H

II. ¹⁰ Surface Location

UI or lot no. O	Section 9	Township 26S	Range 34E	Lot Idn	Feet from the 321	North/South Line SOUTH	Feet from the 1717	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. B	Section 04	Township 26S	Range 34E	Lot Idn	Feet from the 122	North/South line NORTH	Feet from the 2291	East/West line EAST	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 1/29/2020	²² Ready Date 01/20/2021	²³ TD 23,049'	²⁴ PBTD 23,025'	²⁵ Perforations 12,872'-23,025'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
12 1/4"		9 5/8"		875'	
8 3/4"		7 5/8"		12,140'	
6 3/4"		5 1/2"		23,034'	

V. Well Test Data

³¹ Date New Oil 01/20/2021	³² Gas Delivery Date 01/20/2021	³³ Test Date 01/27/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 748
³⁷ Choke Size 0	³⁸ Oil 2782	³⁹ Water 8346	⁴⁰ Gas 4711		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: Kristina Agee			OIL CONSERVATION DIVISION		
Printed name: Kristina Agee			Approved by: PATRICIA MARTINEZ		
Title: SENIOR REGULATORY ADMINISTRATOR			Title: PETROLEUM SPECIALIST		
E-mail Address: kristina_agee@eogresources.com			Approval Date: 7/28/2021		
Date: 3/25/2021		Phone: 432-686-6996			

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 30-025-46748		² Pool Code 98105	³ Pool Name WC-025 G-09 S263416B; UPPER WOLFCAMP
⁴ Property Code 325735	⁵ Property Name LOBO BLANCO 9 FED		⁶ Well Number 707H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3323'

¹⁰Surface Location

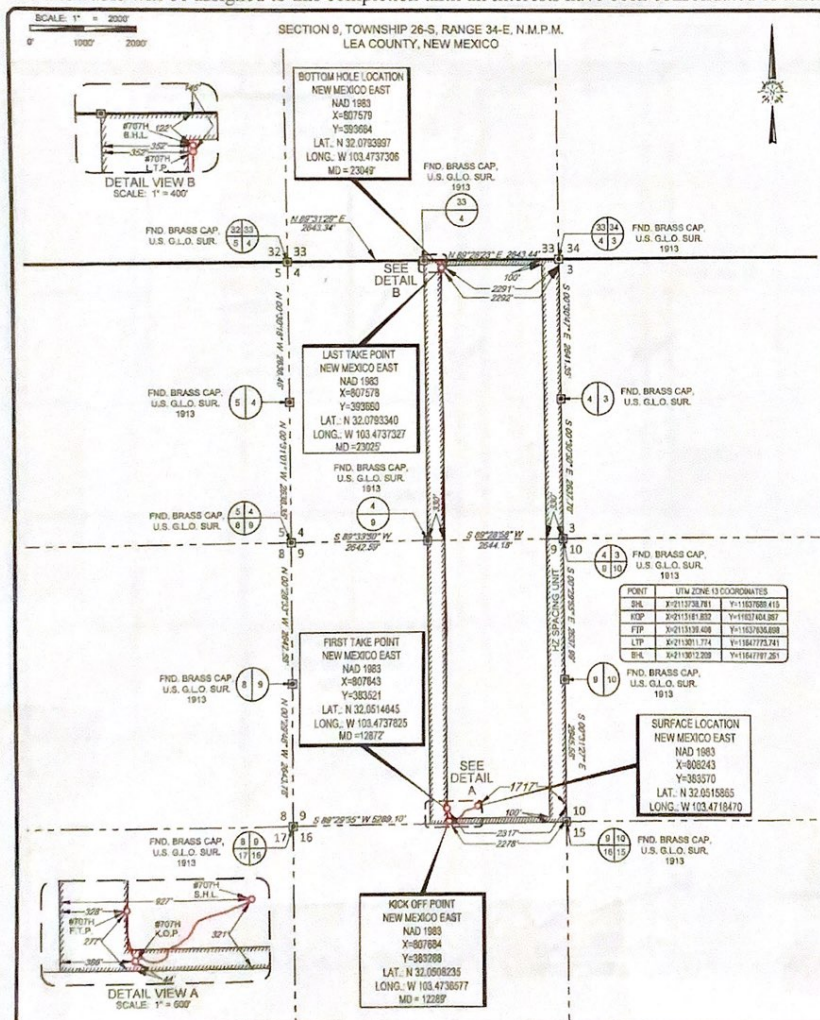
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	26-S	34-E	-	321'	SOUTH	1717'	EAST	LEA

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	4	26-S	34-E	-	122'	NORTH	2291'	EAST	LEA

¹² Dedicated Acres 640.00	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.

Signature Kristina Agee Date 3/25/2021

Printed Name
Kristina Agee

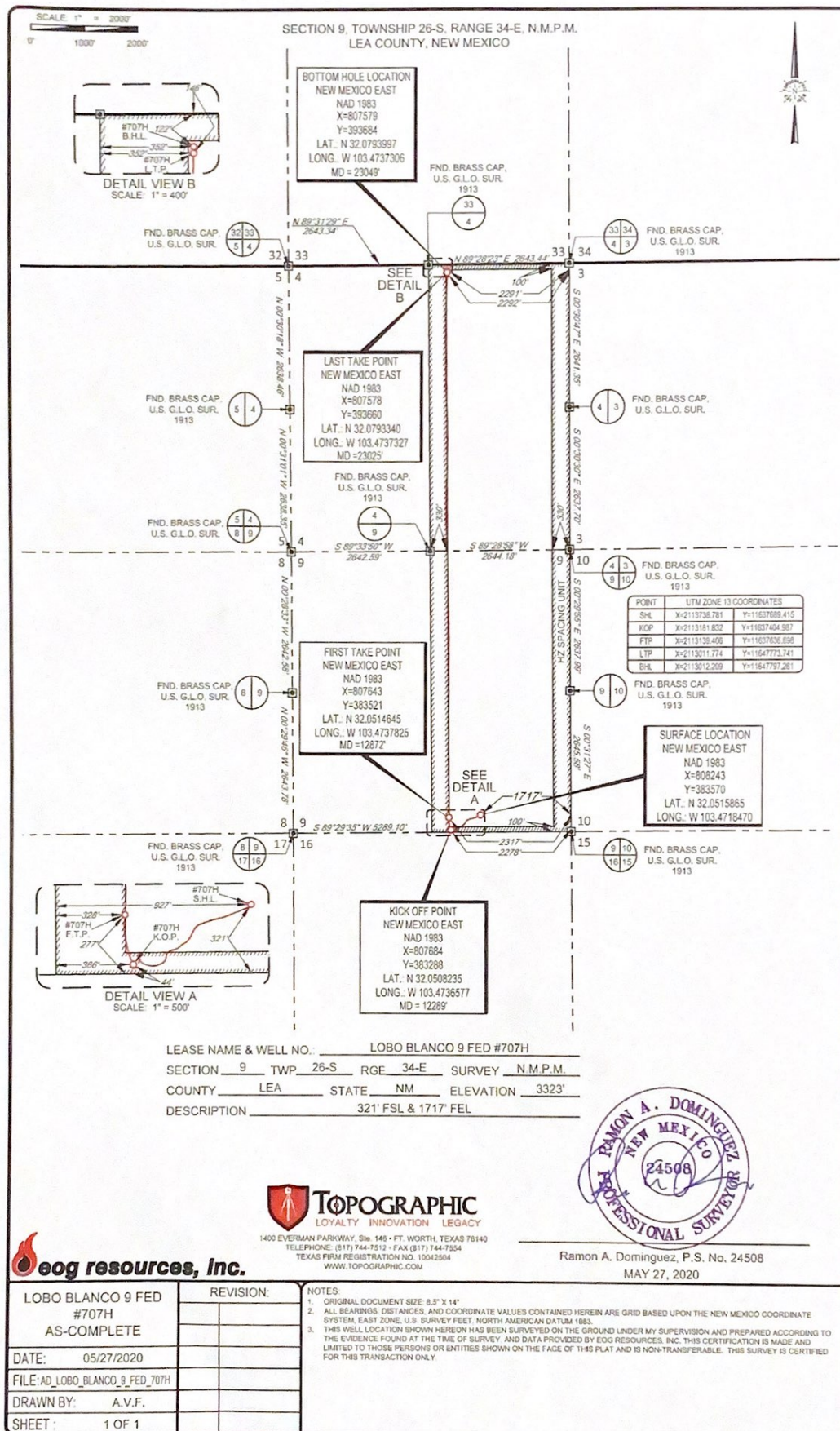
kristina_agee@eogresources.com
E-mail Address

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.

Date of Survey 09/26/2019
Signature and Seal of Professional Surveyor
RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR
Certificate Number

1_LOBO_BLANCO_9_FED_707H_REV3.DWG 10/4/2019 4:23:42 PM csmth5





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Lobo Blanco 9 Fed

#707H

OH

Design: OH

Midland PVA

19 February, 2020



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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		Lobo Blanco 9 Fed							
Site Position:		Northing:		383,514.00	usft	Latitude:	32° 3' 5.410 N		
From:	Map	Easting:		805,018.00	usft	Longitude:	103° 28' 56.122 W		
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.45 °

Well		#707H				
Well Position	+N/-S	0.0 usft	Northing:	383,570.00 usft	Latitude:	32° 3' 5.711 N
	+E/-W	0.0 usft	Easting:	808,243.00 usft	Longitude:	103° 28' 18.647 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,323.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/29/2020	6.61	59.89	47,577.98139710

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
				356.12	

Survey Program		Date	2/19/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
120.0	23,049.0	Total Directional (OH)	EOG MWD+IFR1	MWD + IFR1	



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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)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
120.0	0.00	0.00	120.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
220.0	0.50	224.90	220.0	-0.3	-0.3	0.50	0.50	0.00	-0.4	0.0
309.0	0.50	224.60	309.0	-0.9	-0.9	0.00	0.00	-0.34	-1.2	0.0
397.0	0.50	220.60	397.0	-1.4	-1.4	0.04	0.00	-4.55	-2.0	-0.1
485.0	0.60	215.50	485.0	-2.1	-1.9	0.13	0.11	-5.80	-2.8	-0.3
585.0	0.60	222.50	585.0	-2.9	-2.5	0.07	0.00	7.00	-3.9	0.1
680.0	0.70	217.00	680.0	-3.7	-3.2	0.12	0.11	-5.79	-4.9	-0.3
775.0	0.70	216.80	775.0	-4.7	-3.9	0.00	0.00	-0.21	-6.1	-0.4
829.0	0.60	225.80	829.0	-5.1	-4.3	0.26	-0.19	16.67	-6.7	0.7
967.0	0.40	222.50	967.0	-6.0	-5.2	0.15	-0.14	-2.39	-7.9	0.2
1,062.0	0.60	221.10	1,062.0	-6.6	-5.7	0.21	0.21	-1.47	-8.7	0.0
1,157.0	0.70	220.10	1,157.0	-7.4	-6.4	0.11	0.11	-1.05	-9.8	-0.1
1,252.0	0.70	211.30	1,251.9	-8.4	-7.1	0.11	0.00	-9.26	-10.8	-1.7
1,443.0	2.60	228.10	1,442.9	-12.3	-10.9	1.02	0.99	8.80	-16.0	1.9
1,538.0	5.60	245.50	1,537.6	-15.6	-16.8	3.38	3.16	18.32	-18.4	7.2
1,633.0	8.30	250.70	1,631.9	-19.8	-27.4	2.92	2.84	5.47	-23.0	8.7
1,728.0	10.00	250.30	1,725.7	-24.8	-41.7	1.79	1.79	-0.42	-29.1	7.7
1,823.0	10.40	249.20	1,819.2	-30.7	-57.5	0.47	0.42	-1.16	-36.2	6.3
1,918.0	10.70	246.90	1,912.6	-37.2	-73.6	0.54	0.32	-2.42	-44.0	4.2
2,014.0	11.40	247.60	2,006.8	-44.3	-90.6	0.74	0.73	0.73	-52.4	4.4
2,204.0	10.50	249.90	2,193.3	-57.4	-124.2	0.53	-0.47	1.21	-68.6	5.6
2,299.0	8.50	257.40	2,287.0	-61.9	-139.2	2.47	-2.11	7.89	-73.2	13.5
2,394.0	8.10	256.30	2,381.0	-65.0	-152.5	0.45	-0.42	-1.16	-77.5	10.0
2,489.0	8.40	255.70	2,475.1	-68.3	-165.7	0.33	0.32	-0.63	-81.5	7.3
2,585.0	8.50	254.20	2,570.0	-72.0	-179.4	0.25	0.10	-1.56	-85.9	3.4
2,680.0	8.00	254.30	2,664.0	-75.7	-192.5	0.53	-0.53	0.11	-89.7	2.0



EOG Resources

Midland PVA

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Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)
2,775.0	7.80	251.80	2,758.1	-79.5	-205.0	0.42	-0.21	-2.63	-92.9	-3.3
2,870.0	7.20	250.70	2,852.3	-83.5	-216.7	0.65	-0.63	-1.16	-95.4	-6.2
2,965.0	6.60	250.50	2,946.6	-87.3	-227.5	0.63	-0.63	-0.21	-96.9	-7.5
3,061.0	6.00	249.80	3,042.0	-90.8	-237.4	0.63	-0.62	-0.73	-97.3	-9.5
3,156.0	5.10	248.80	3,136.6	-94.1	-246.0	0.95	-0.95	-1.05	-96.4	-11.9
3,251.0	3.60	239.10	3,231.3	-97.1	-252.5	1.75	-1.58	-10.21	-90.3	-27.6
3,346.0	4.10	231.10	3,326.1	-100.8	-257.7	0.77	0.53	-8.42	-82.3	-37.8
3,441.0	6.70	218.00	3,420.7	-107.3	-263.7	3.01	2.74	-13.79	-71.7	-51.6
3,536.0	8.10	214.00	3,514.9	-117.2	-270.9	1.57	1.47	-4.21	-71.7	-51.7
3,631.0	8.00	203.30	3,609.0	-128.8	-277.3	1.58	-0.11	-11.26	-66.7	-58.6
3,726.0	7.80	203.90	3,703.1	-140.8	-282.5	0.23	-0.21	0.63	-72.9	-51.3
3,822.0	8.90	209.80	3,798.0	-153.2	-288.8	1.45	1.15	6.15	-83.4	-37.2
3,917.0	9.40	216.60	3,891.8	-165.8	-297.1	1.25	0.53	7.16	-93.6	-21.5
4,012.0	7.80	228.20	3,985.8	-176.3	-306.5	2.48	-1.68	12.21	-100.6	2.1
4,108.0	5.80	244.80	4,081.1	-182.7	-315.8	2.90	-2.08	17.29	-96.9	32.5
4,203.0	5.20	241.10	4,175.7	-186.9	-323.9	0.73	-0.63	-3.89	-98.0	26.6
4,298.0	5.80	227.20	4,270.2	-192.2	-331.2	1.53	0.63	-14.63	-101.1	4.5
4,394.0	9.50	230.80	4,365.4	-200.5	-340.9	3.88	3.85	3.75	-103.6	13.6
4,489.0	9.80	243.30	4,459.0	-209.1	-354.2	2.22	0.32	13.16	-104.1	37.7
4,584.0	9.20	257.70	4,552.7	-214.4	-368.8	2.57	-0.63	15.16	-97.4	62.1
4,680.0	6.30	243.90	4,647.9	-218.3	-381.1	3.57	-3.02	-14.37	-112.0	35.5
4,775.0	6.70	244.40	4,742.2	-223.0	-390.7	0.43	0.42	0.53	-112.6	36.7
4,870.0	5.30	251.30	4,836.7	-226.8	-399.9	1.66	-1.47	7.26	-107.4	49.5
4,965.0	2.60	159.50	4,931.6	-230.2	-403.3	6.29	-2.84	-96.63	-48.0	-103.1
5,060.0	5.80	167.00	5,026.3	-236.9	-401.5	3.41	3.37	7.89	-66.0	-85.8
5,156.0	9.10	194.20	5,121.5	-249.0	-402.2	4.94	3.44	28.33	-103.3	-36.5
5,251.0	8.80	208.30	5,215.4	-262.7	-407.5	2.32	-0.32	14.84	-115.8	-2.6



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)
5,346.0	10.60	238.70	5,309.1	-273.6	-418.4	5.64	1.89	32.00	-106.4	61.1
5,442.0	10.50	246.80	5,403.4	-281.7	-434.0	1.55	-0.10	8.44	-104.3	76.4
5,537.0	9.90	256.90	5,496.9	-286.9	-449.9	1.98	-0.63	10.63	-96.5	92.8
5,632.0	10.60	268.70	5,590.4	-289.0	-466.6	2.33	0.74	12.42	-83.4	108.1
5,727.0	8.80	286.80	5,684.1	-287.1	-482.3	3.70	-1.89	19.05	-54.4	124.6
5,823.0	8.60	288.40	5,779.0	-282.7	-496.2	0.33	-0.21	1.67	-58.1	119.4
5,918.0	7.20	288.60	5,873.1	-278.6	-508.5	1.47	-1.47	0.21	-63.4	112.8
6,013.0	3.80	311.30	5,967.6	-274.6	-516.6	4.18	-3.58	23.89	-19.4	121.8
6,108.0	3.30	328.60	6,062.5	-270.2	-520.3	1.24	-0.53	18.21	13.1	113.1
6,203.0	4.10	324.20	6,157.3	-265.1	-523.8	0.89	0.84	-4.63	0.1	103.8
6,299.0	3.80	331.60	6,253.0	-259.5	-527.3	0.62	-0.31	7.71	7.6	93.3
6,394.0	3.50	352.10	6,347.8	-253.9	-529.2	1.40	-0.32	21.58	31.1	76.3
6,489.0	3.40	0.30	6,442.7	-248.2	-529.6	0.53	-0.11	8.63	31.8	62.5
6,584.0	2.70	349.70	6,537.5	-243.1	-529.9	0.94	-0.74	-11.16	12.4	57.1
6,680.0	0.50	213.40	6,633.5	-241.3	-530.6	3.21	-2.29	-141.98	-38.9	-28.8
6,775.0	0.30	242.80	6,728.5	-241.7	-531.0	0.30	-0.21	30.95	-38.7	-5.4
6,870.0	0.40	236.60	6,823.5	-242.0	-531.5	0.11	0.11	-6.53	-28.6	-8.1
6,965.0	0.50	230.70	6,918.5	-242.5	-532.1	0.12	0.11	-6.21	-18.7	-8.5
7,061.0	0.60	222.40	7,014.5	-243.1	-532.8	0.13	0.10	-8.65	-9.0	-7.3
7,156.0	1.00	176.50	7,109.5	-244.3	-533.1	0.76	0.42	-48.32	1.5	-2.6
7,251.0	0.80	155.00	7,204.5	-245.7	-532.7	0.41	-0.21	-22.63	0.9	7.7
7,347.0	1.00	148.40	7,300.5	-247.1	-532.0	0.23	0.21	-6.87	-2.7	17.6
7,442.0	1.10	167.10	7,395.5	-248.6	-531.4	0.37	0.11	19.68	3.5	27.6
7,537.0	1.50	177.40	7,490.4	-250.8	-531.1	0.49	0.42	10.84	10.0	35.8
7,632.0	1.80	181.00	7,585.4	-253.5	-531.1	0.33	0.32	3.79	13.9	44.2
7,728.0	1.90	184.10	7,681.3	-256.6	-531.2	0.15	0.10	3.23	17.9	52.1
7,823.0	2.20	180.90	7,776.3	-260.0	-531.4	0.34	0.32	-3.37	14.8	59.6



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7,918.0	1.80	191.10	7,871.2	-263.3	-531.7	0.56	-0.42	10.74	24.3	59.8
7,995.5	1.56	192.36	7,948.7	-265.5	-532.1	0.32	-0.32	1.62	23.9	60.1
Brushy Top(LB 9 Fed #707H)										
8,013.0	1.50	192.70	7,966.2	-266.0	-532.2	0.32	-0.32	1.95	23.8	60.0
8,109.0	1.40	193.80	8,062.1	-268.3	-532.8	0.11	-0.10	1.15	22.5	59.5
8,204.0	1.30	198.60	8,157.1	-270.5	-533.4	0.16	-0.11	5.05	25.2	57.5
8,299.0	1.20	188.00	8,252.1	-272.5	-533.9	0.26	-0.11	-11.16	12.1	61.0
8,395.0	1.50	168.70	8,348.1	-274.7	-533.8	0.56	0.31	-20.10	-10.9	61.2
8,490.0	1.40	163.80	8,443.0	-277.0	-533.2	0.17	-0.11	-5.16	-18.5	60.0
8,585.0	1.20	152.60	8,538.0	-279.0	-532.5	0.34	-0.21	-11.79	-31.9	55.0
8,775.0	1.40	155.90	8,728.0	-282.9	-530.6	0.11	0.11	1.74	-33.0	56.9
8,871.0	1.20	166.70	8,823.9	-285.0	-529.9	0.33	-0.21	11.25	-23.9	62.3
8,966.0	1.20	174.60	8,918.9	-286.9	-529.6	0.17	0.00	8.32	-17.1	65.1
9,061.0	1.30	188.90	9,013.9	-289.0	-529.6	0.34	0.11	15.05	-2.6	67.6
9,156.0	1.10	212.00	9,108.9	-290.8	-530.3	0.55	-0.21	24.32	22.2	63.6
9,252.0	1.40	221.50	9,204.9	-292.5	-531.5	0.38	0.31	9.90	30.4	59.2
9,347.0	1.30	223.50	9,299.8	-294.1	-533.1	0.12	-0.11	2.11	30.2	58.1
9,442.0	1.50	227.00	9,394.8	-295.8	-534.7	0.23	0.21	3.68	31.3	56.3
9,537.0	1.40	236.00	9,489.8	-297.3	-536.6	0.26	-0.11	9.47	37.4	50.9
9,632.0	1.10	240.90	9,584.8	-298.4	-538.3	0.33	-0.32	5.16	39.5	47.6
9,727.0	1.20	276.60	9,679.7	-298.7	-540.1	0.75	0.11	37.58	58.1	16.1
9,823.0	1.00	280.10	9,775.7	-298.4	-541.9	0.22	-0.21	3.65	57.1	12.6
9,918.0	1.00	269.40	9,870.7	-298.3	-543.6	0.20	0.00	-11.26	52.2	22.8
10,013.0	1.20	263.60	9,965.7	-298.4	-545.4	0.24	0.21	-6.11	47.8	27.9
10,109.0	2.20	257.10	10,061.6	-298.9	-548.2	1.06	1.04	-6.77	41.5	33.0
10,204.0	1.40	251.70	10,156.6	-299.7	-551.1	0.86	-0.84	-5.68	35.2	36.6
10,299.0	2.20	271.40	10,251.5	-300.0	-554.0	1.05	0.84	20.74	42.6	23.0



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)
10,394.0	2.70	271.50	10,346.5	-299.9	-558.1	0.53	0.53	0.11	38.5	22.9
10,489.0	2.60	292.20	10,441.4	-299.0	-562.3	1.01	-0.11	21.79	39.9	8.6
10,585.0	2.60	297.40	10,537.3	-297.2	-566.2	0.25	0.00	5.42	36.2	5.2
10,680.0	2.20	318.40	10,632.2	-294.9	-569.4	1.01	-0.42	22.11	31.8	-7.4
10,775.0	3.10	305.80	10,727.1	-292.0	-572.7	1.12	0.95	-13.26	28.3	-0.7
10,870.0	2.10	297.40	10,822.0	-289.7	-576.3	1.12	-1.05	-8.84	23.8	3.1
10,966.0	1.30	318.20	10,917.9	-288.1	-578.6	1.04	-0.83	21.67	20.6	-4.9
11,061.0	0.70	345.30	11,012.9	-286.7	-579.4	0.79	-0.63	28.53	14.6	-13.3
11,156.0	0.60	5.50	11,107.9	-285.7	-579.5	0.26	-0.11	21.26	8.0	-17.3
11,251.0	1.00	33.70	11,202.9	-284.5	-579.0	0.58	0.42	29.68	-2.4	-18.8
11,346.0	1.40	56.50	11,297.9	-283.1	-577.6	0.65	0.42	24.00	-11.4	-16.1
11,442.0	0.90	61.00	11,393.9	-282.1	-576.0	0.53	-0.52	4.69	-14.5	-15.1
11,537.0	1.30	45.10	11,488.8	-281.0	-574.6	0.53	0.42	-16.74	-11.7	-18.7
11,632.0	2.00	58.30	11,583.8	-279.4	-572.4	0.83	0.74	13.89	-18.3	-15.3
11,728.0	1.50	73.50	11,679.8	-278.1	-569.8	0.71	-0.52	15.83	-24.6	-9.5
11,823.0	1.20	96.90	11,774.7	-277.9	-567.6	0.65	-0.32	24.63	-28.4	1.5
11,918.0	1.30	134.40	11,869.7	-278.8	-565.8	0.85	0.11	39.47	-23.5	19.1
12,013.0	1.30	149.50	11,964.7	-280.5	-564.5	0.36	0.00	15.89	-19.8	24.9
12,100.0	1.30	112.20	12,051.7	-281.7	-563.1	0.96	0.00	-42.87	-32.6	7.2
12,145.0	1.40	103.80	12,096.7	-282.0	-562.1	0.49	0.22	-18.67	-34.4	2.3
12,240.0	1.70	99.00	12,191.6	-282.5	-559.6	0.34	0.32	-5.05	-37.0	-0.7
12,289.0	1.35	7.49	12,240.6	-282.0	-558.8	4.49	-0.72	-186.76	1.1	-37.7
KOP, MD:12289.0', TVD:12240.6', N/S:-282.0', E/W:-558.8', INC:1.35										
12,335.0	3.10	336.50	12,286.6	-280.4	-559.2	4.49	3.81	-67.36	18.7	-32.0
12,431.0	7.70	336.50	12,382.1	-272.1	-562.8	4.79	4.79	0.00	16.0	-29.3
12,471.0	8.50	332.30	12,421.7	-267.0	-565.2	2.49	2.00	-10.50	19.9	-24.5
12,526.0	10.90	331.40	12,475.9	-258.8	-569.6	4.37	4.36	-1.64	25.7	-16.6



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)
12,621.0	24.40	343.90	12,566.3	-232.0	-579.4	14.68	14.21	13.16	34.2	-9.2
12,635.2	27.51	344.42	12,579.1	-226.0	-581.1	21.93	21.87	3.63	35.4	-7.7
FTP Crossing, MD:12635.2', TVD:12579.1', N/S:-226.0', E/W:-581.1', INC:27.51										
12,716.0	45.20	346.10	12,643.9	-179.8	-593.1	21.93	21.90	2.08	35.8	2.5
12,761.9	52.18	352.98	12,674.2	-146.0	-599.2	18.90	15.20	14.98	32.5	4.6
FTP(LB 9 Fed #707H)										
12,811.0	60.00	359.00	12,701.6	-105.4	-602.0	18.90	15.93	12.26	27.4	4.7
12,853.0	66.60	5.20	12,720.4	-67.9	-600.6	20.51	15.71	14.76	21.5	1.6
12,906.0	72.10	2.50	12,739.1	-18.5	-597.2	11.42	10.38	-5.09	13.2	-1.3
13,001.0	75.90	0.30	12,765.3	72.8	-595.0	4.58	4.00	-2.32	4.8	-4.0
13,097.0	81.80	358.90	12,783.9	167.0	-595.7	6.31	6.15	-1.46	7.1	-4.2
13,192.0	85.60	359.00	12,794.3	261.3	-597.4	4.00	4.00	0.11	16.3	-3.3
13,287.0	88.30	359.30	12,799.3	356.2	-598.8	2.86	2.84	0.32	21.4	-2.7
13,382.0	90.90	359.10	12,800.0	451.2	-600.2	2.74	2.74	-0.21	22.0	-2.2
13,478.0	91.70	358.90	12,797.8	547.1	-601.8	0.86	0.83	-0.21	19.9	-1.4
13,573.0	89.50	359.10	12,796.8	642.1	-603.5	2.33	-2.32	0.21	18.9	-0.5
13,668.0	90.10	359.50	12,797.2	737.1	-604.7	0.76	0.63	0.42	19.2	-0.2
13,763.0	89.30	358.80	12,797.7	832.1	-606.1	1.12	-0.84	-0.74	19.7	0.4
13,859.0	90.80	359.60	12,797.6	928.1	-607.4	1.77	1.56	0.83	19.6	0.9
13,954.0	90.80	359.10	12,796.3	1,023.1	-608.5	0.53	0.00	-0.53	18.3	1.1
14,049.0	91.20	358.50	12,794.6	1,118.0	-610.5	0.76	0.42	-0.63	16.6	2.3
14,144.0	89.00	359.90	12,794.4	1,213.0	-611.8	2.74	-2.32	1.47	16.5	2.8
14,240.0	89.50	0.30	12,795.7	1,309.0	-611.6	0.67	0.52	0.42	17.7	1.8
14,335.0	90.10	0.20	12,796.0	1,404.0	-611.2	0.64	0.63	-0.11	18.0	0.5
14,430.0	90.90	0.30	12,795.2	1,499.0	-610.8	0.85	0.84	0.11	17.2	-0.7
14,525.0	91.00	359.70	12,793.6	1,594.0	-610.8	0.64	0.11	-0.63	15.6	-1.6
14,620.0	92.00	0.50	12,791.1	1,688.9	-610.6	1.35	1.05	0.84	13.1	-2.6



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)
14,716.0	88.10	359.30	12,791.0	1,784.9	-610.8	4.25	-4.06	-1.25	13.1	-3.2
14,811.0	89.20	359.50	12,793.3	1,879.9	-611.8	1.18	1.16	0.21	15.3	-3.1
14,906.0	90.40	0.30	12,793.6	1,974.9	-612.0	1.52	1.26	0.84	15.6	-3.7
15,001.0	90.60	0.80	12,792.8	2,069.9	-611.1	0.57	0.21	0.53	14.8	-5.5
15,096.0	91.40	1.00	12,791.1	2,164.8	-609.6	0.87	0.84	0.21	13.1	-7.8
15,192.0	92.20	1.00	12,788.1	2,260.8	-607.9	0.83	0.83	0.00	10.1	-10.3
15,287.0	92.80	0.70	12,784.0	2,355.7	-606.5	0.71	0.63	-0.32	6.0	-12.5
15,382.0	88.80	359.30	12,782.6	2,450.6	-606.5	4.46	-4.21	-1.47	4.7	-13.4
15,477.0	89.70	0.20	12,783.9	2,545.6	-606.9	1.34	0.95	0.95	5.9	-13.8
15,572.0	90.90	1.00	12,783.4	2,640.6	-605.9	1.52	1.26	0.84	5.4	-15.6
15,668.0	89.80	359.50	12,782.8	2,736.6	-605.5	1.94	-1.15	-1.56	4.8	-16.9
15,763.0	90.20	359.80	12,782.8	2,831.6	-606.1	0.53	0.42	0.32	4.8	-17.1
15,858.0	90.30	0.00	12,782.4	2,926.6	-606.2	0.24	0.11	0.21	4.4	-17.8
15,953.0	93.40	0.50	12,779.3	3,021.6	-605.8	3.31	3.26	0.53	1.3	-19.0
16,048.0	88.80	0.10	12,777.5	3,116.5	-605.3	4.86	-4.84	-0.42	-0.5	-20.4
16,144.0	90.50	1.60	12,778.1	3,212.5	-603.9	2.36	1.77	1.56	0.1	-22.6
16,239.0	90.60	359.00	12,777.2	3,307.5	-603.4	2.74	0.11	-2.74	-0.8	-24.0
16,334.0	88.20	357.80	12,778.2	3,402.4	-606.0	2.82	-2.53	-1.26	0.2	-22.1
16,429.0	89.40	358.70	12,780.2	3,497.4	-608.9	1.58	1.26	0.95	2.2	-20.1
16,524.0	90.00	358.90	12,780.7	3,592.3	-610.9	0.67	0.63	0.21	2.7	-18.9
16,620.0	90.80	359.30	12,780.0	3,688.3	-612.4	0.93	0.83	0.42	2.0	-18.2
16,715.0	90.50	358.80	12,778.9	3,783.3	-614.0	0.61	-0.32	-0.53	0.9	-17.5
16,810.0	90.10	358.20	12,778.4	3,878.3	-616.5	0.76	-0.42	-0.63	0.4	-15.8
16,898.4	91.03	358.57	12,777.5	3,966.6	-619.0	1.13	1.05	0.42	-0.5	-14.1
TGT#1(LB 9 Fed #707H)										
16,905.0	91.10	358.60	12,777.4	3,973.2	-619.2	1.13	1.05	0.42	-0.6	-14.0
17,000.0	89.20	358.50	12,777.2	4,068.2	-621.6	2.00	-2.00	-0.11	0.7	-12.4



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Lobo Blanco 9 Fed
Well: #707H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #707H
TVD Reference: KB = 25' @ 3348.0usft
MD Reference: KB = 25' @ 3348.0usft
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)
17,096.0	89.10	358.30	12,778.6	4,164.1	-624.2	0.23	-0.10	-0.21	4.1	-10.6
17,191.0	89.60	358.80	12,779.7	4,259.1	-626.6	0.74	0.53	0.53	7.2	-9.0
17,286.0	91.00	359.20	12,779.2	4,354.1	-628.3	1.53	1.47	0.42	8.7	-8.2
17,381.0	90.30	359.00	12,778.1	4,449.1	-629.8	0.77	-0.74	-0.21	9.7	-7.5
17,476.0	91.90	359.90	12,776.3	4,544.0	-630.7	1.93	1.68	0.95	9.8	-7.5
17,600.0	89.90	358.60	12,774.3	4,668.0	-632.3	1.92	-1.61	-1.05	10.5	-6.9
17,695.0	89.20	357.80	12,775.1	4,763.0	-635.3	1.12	-0.74	-0.84	13.3	-4.8
17,790.0	89.50	358.10	12,776.1	4,857.9	-638.7	0.45	0.32	0.32	16.4	-2.2
17,886.0	90.00	358.40	12,776.6	4,953.8	-641.6	0.61	0.52	0.31	18.8	-0.1
17,981.0	89.10	357.10	12,777.3	5,048.8	-645.4	1.66	-0.95	-1.37	21.6	2.8
18,076.0	89.40	357.50	12,778.5	5,143.7	-649.8	0.53	0.32	0.42	24.8	6.4
18,172.0	90.00	357.80	12,779.1	5,239.6	-653.8	0.70	0.62	0.31	27.3	9.5
18,267.0	89.50	357.00	12,779.5	5,334.5	-658.1	0.99	-0.53	-0.84	29.8	13.0
18,362.0	91.70	358.90	12,778.5	5,429.4	-661.5	3.06	2.32	2.00	30.8	15.6
18,457.0	92.00	359.10	12,775.4	5,524.3	-663.1	0.38	0.32	0.21	29.7	16.4
18,552.0	92.30	359.60	12,771.8	5,619.3	-664.2	0.61	0.32	0.53	28.2	16.6
18,647.0	90.30	0.30	12,769.7	5,714.2	-664.3	2.23	-2.11	0.74	28.0	15.9
18,743.0	90.60	0.00	12,768.9	5,810.2	-664.1	0.44	0.31	-0.31	29.3	14.8
18,838.0	91.00	0.90	12,767.6	5,905.2	-663.3	1.04	0.42	0.95	30.0	13.2
18,933.0	90.80	0.60	12,766.1	6,000.2	-662.1	0.38	-0.21	-0.32	30.5	11.2
19,028.0	91.20	1.10	12,764.5	6,095.2	-660.7	0.67	0.42	0.53	30.8	8.9
19,123.0	91.50	1.30	12,762.2	6,190.1	-658.7	0.38	0.32	0.21	30.6	6.1
19,218.0	92.00	1.80	12,759.3	6,285.0	-656.1	0.74	0.53	0.53	29.7	2.7
19,313.0	92.50	1.50	12,755.6	6,379.9	-653.4	0.61	0.53	-0.32	28.0	-0.8
19,341.4	92.14	1.50	12,754.4	6,408.3	-652.6	1.26	-1.26	0.00	27.4	-1.8
TGT#2(LB 9 Fed #707H)										
19,408.0	91.30	1.50	12,752.4	6,474.8	-650.9	1.26	-1.26	0.00	26.5	-4.2



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)
19,504.0	91.50	1.30	12,750.1	6,570.8	-648.5	0.29	0.21	-0.21	25.6	-7.4
19,599.0	89.40	0.40	12,749.3	6,665.8	-647.1	2.40	-2.21	-0.95	26.2	-9.6
19,694.0	90.80	0.60	12,749.2	6,760.8	-646.3	1.49	1.47	0.21	27.5	-11.3
19,789.0	91.20	1.20	12,747.5	6,855.7	-644.8	0.76	0.42	0.63	27.2	-13.6
19,884.0	92.00	2.00	12,744.9	6,950.7	-642.2	1.19	0.84	0.84	26.0	-17.0
19,979.0	93.20	359.40	12,740.6	7,045.5	-641.0	3.01	1.26	-2.74	23.1	-19.1
20,074.0	91.40	358.10	12,736.7	7,140.4	-643.1	2.34	-1.89	-1.37	20.7	-17.8
20,170.0	91.80	358.00	12,734.1	7,236.3	-646.3	0.43	0.42	-0.10	19.4	-15.4
20,265.0	89.70	357.50	12,732.8	7,331.3	-650.1	2.27	-2.21	-0.53	19.6	-12.5
20,360.0	89.90	358.00	12,733.2	7,426.2	-653.8	0.57	0.21	0.53	21.3	-9.6
20,455.0	90.70	358.30	12,732.7	7,521.1	-656.9	0.90	0.84	0.32	22.2	-7.4
20,550.0	89.50	357.40	12,732.5	7,616.1	-660.4	1.58	-1.26	-0.95	23.5	-4.6
20,646.0	90.10	357.70	12,732.8	7,712.0	-664.5	0.70	0.62	0.31	25.2	-1.4
20,686.8	90.10	357.36	12,732.8	7,752.7	-666.3	0.84	0.00	-0.84	25.8	0.0
TGT#3(LB 9 Fed #707H)										
20,741.0	90.10	356.90	12,732.7	7,806.9	-669.0	0.84	0.00	-0.84	26.4	2.3
20,836.0	89.30	357.20	12,733.2	7,901.7	-673.9	0.90	-0.84	0.32	28.0	6.3
20,931.0	90.60	358.90	12,733.2	7,996.7	-677.1	2.25	1.37	1.79	29.3	8.7
21,026.0	91.20	358.40	12,731.7	8,091.6	-679.4	0.82	0.63	-0.53	29.0	10.1
21,121.0	92.70	359.40	12,728.5	8,186.6	-681.2	1.90	1.58	1.05	27.0	11.1
21,217.0	89.60	0.00	12,726.6	8,282.5	-681.7	3.29	-3.23	0.62	26.3	10.8
21,312.0	90.20	0.30	12,726.8	8,377.5	-681.4	0.71	0.63	0.32	27.7	9.7
21,407.0	90.20	359.50	12,726.4	8,472.5	-681.6	0.84	0.00	-0.84	28.5	9.1
21,502.0	91.00	359.30	12,725.4	8,567.5	-682.6	0.87	0.84	-0.21	28.7	9.2
21,597.0	91.00	359.40	12,723.8	8,662.5	-683.7	0.11	0.00	0.11	28.3	9.5
21,692.0	89.40	357.30	12,723.4	8,757.4	-686.4	2.78	-1.68	-2.21	29.2	11.4
21,787.0	90.70	0.70	12,723.4	8,852.4	-688.1	3.83	1.37	3.58	30.3	12.2



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	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)	
21,883.0	91.90	0.60	12,721.2	8,948.4	-687.0	1.25	1.25	-0.10	29.3	10.3	
21,931.0	92.90	0.40	12,719.2	8,996.3	-686.6	2.12	2.08	-0.42	27.9	9.4	
21,978.0	92.80	359.60	12,716.8	9,043.3	-686.6	1.71	-0.21	-1.70	26.2	9.0	
22,026.0	93.10	359.60	12,714.4	9,091.2	-686.9	0.62	0.62	0.00	24.3	8.9	
22,073.0	94.10	359.60	12,711.4	9,138.1	-687.2	2.13	2.13	0.00	21.9	8.9	
22,169.0	92.20	1.00	12,706.1	9,234.0	-686.7	2.46	-1.98	1.46	17.9	7.5	
22,264.0	90.00	1.00	12,704.3	9,328.9	-685.1	2.32	-2.32	0.00	17.2	5.0	
22,359.0	92.80	2.50	12,702.0	9,423.8	-682.2	3.34	2.95	1.58	16.1	1.3	
22,454.0	94.00	1.90	12,696.4	9,518.6	-678.5	1.41	1.26	-0.63	11.7	-3.2	
22,549.0	92.30	0.70	12,691.1	9,613.4	-676.4	2.19	-1.79	-1.26	7.7	-6.2	
22,648.0	93.70	1.00	12,686.0	9,712.3	-674.9	1.45	1.41	0.30	3.7	-8.5	
22,743.0	94.20	2.10	12,679.4	9,807.0	-672.3	1.27	0.53	1.16	-1.6	-11.9	
22,838.0	93.80	1.80	12,672.8	9,901.7	-669.1	0.53	-0.42	-0.32	-7.0	-15.9	
22,934.0	94.90	1.30	12,665.5	9,997.4	-666.5	1.26	1.15	-0.52	-13.1	-19.4	
22,994.0	94.90	1.10	12,660.4	10,057.2	-665.3	0.33	0.00	-0.33	-17.4	-21.2	
Last MWD Survey (MD=22994.0')											
23,049.0	94.90	1.10	12,655.7	10,112.0	-664.2	0.00	0.00	0.00	-21.4	-22.7	
Projection to Bit (MD=23049.0') - PBHL(LB 9 Fed #707H)											

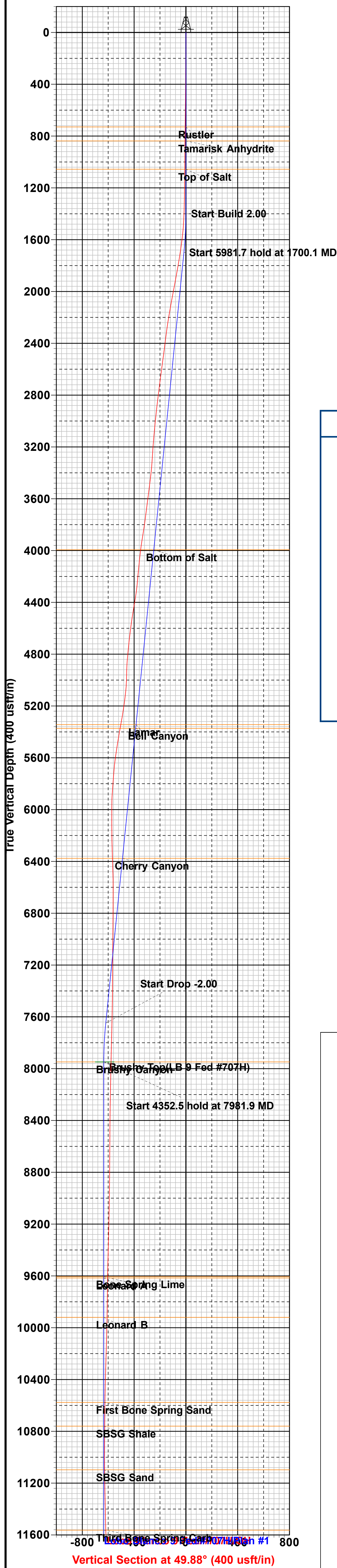
Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,289.0	12,240.6	-282.0	-558.8	KOP, MD:12289.0', TVD:12240.6', N/S:-282.0', E/W:-558.8', INC:1.35
12,635.2	12,579.1	-226.0	-581.1	FTP Crossing, MD:12635.2', TVD:12579.1', N/S:-226.0', E/W:-581.1', INC:27.51
22,994.0	12,660.4	10,057.2	-665.3	Last MWD Survey (MD=22994.0')
23,049.0	12,655.7	10,112.0	-664.2	Projection to Bit (MD=23049.0')

**EOG Resources**

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3348.0usft
Site:	Lobo Blanco 9 Fed	MD Reference:	KB = 25' @ 3348.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Checked By: _____	Approved By: _____	Date: _____
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Azimuths to Grid North
True North: -0.46°
Magnetic North: 6.15°

Magnetic Field
Strength: 47578.0nT
Dip Angle: 59.89°
Date: 1/29/2020
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.15°
To convert a Magnetic Direction to a True Direction, Add 6.61° East
To convert a True Direction to a Grid Direction, Subtract 0.46°

Lea County, NM (NAD 83 NME)

Lobo Blanco 9 Fed #707H

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: #707H

KB = 25' @ 3348.0usft

3323.0

Northing 383570.00

Easting 808243.00

Latitude 32° 3' 5.711 N

Longitude 103° 28' 18.647 W

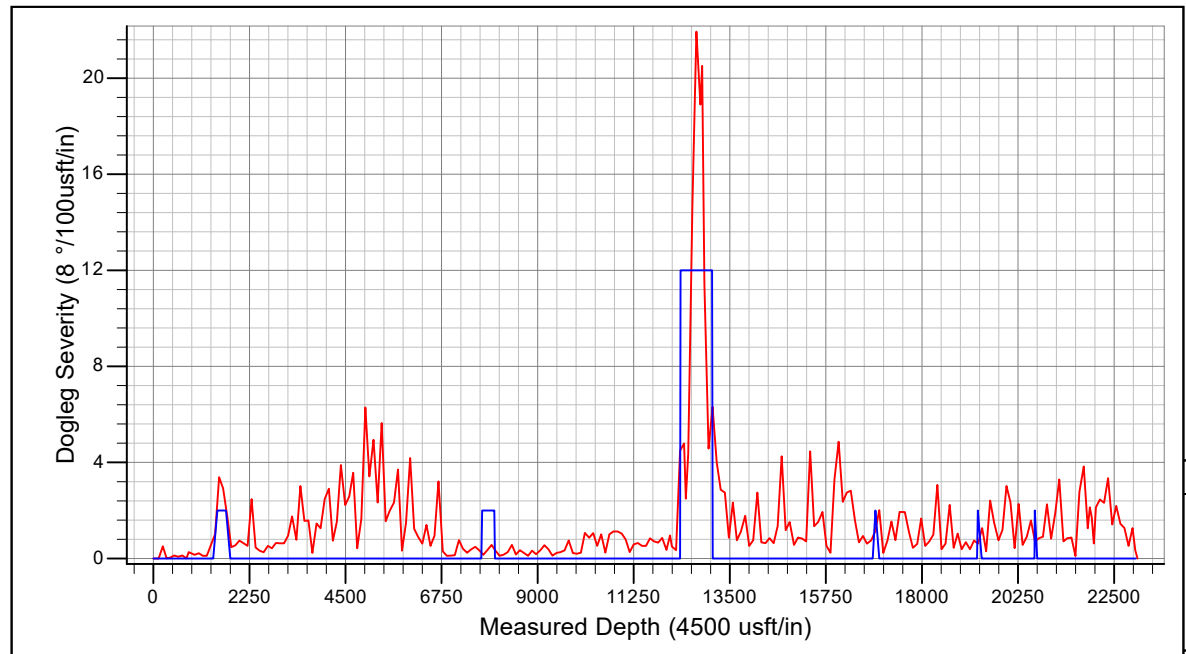
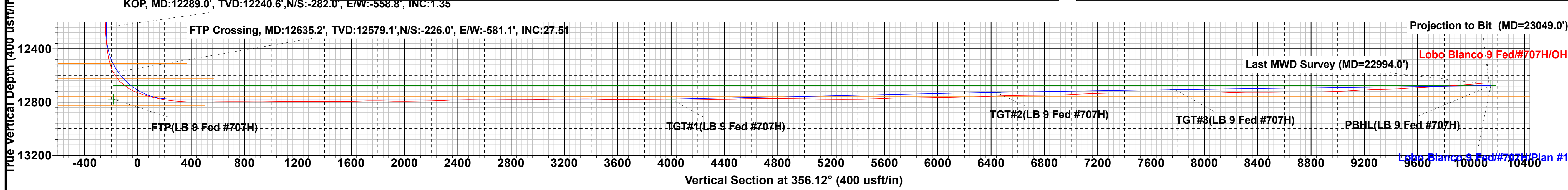
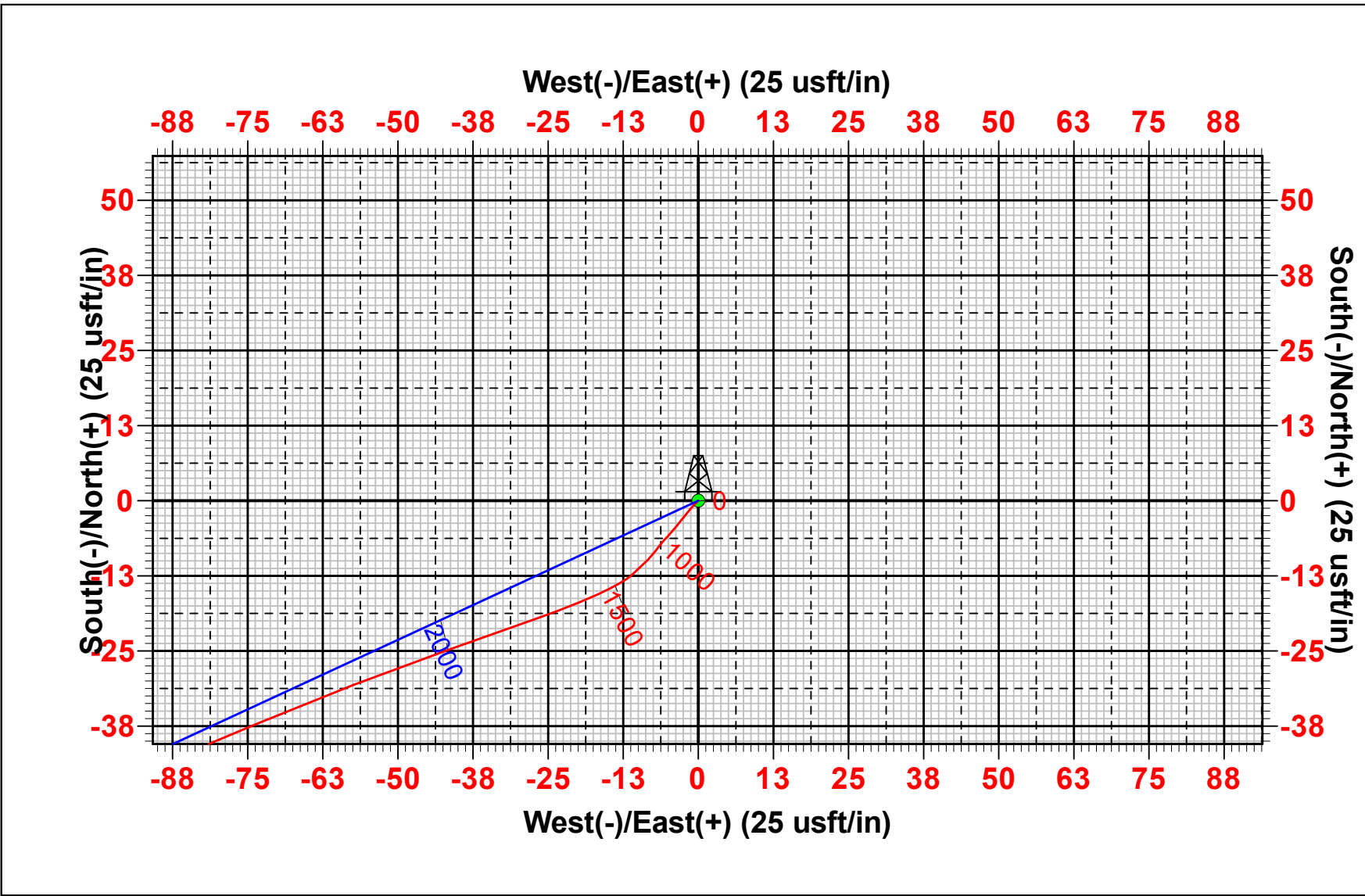
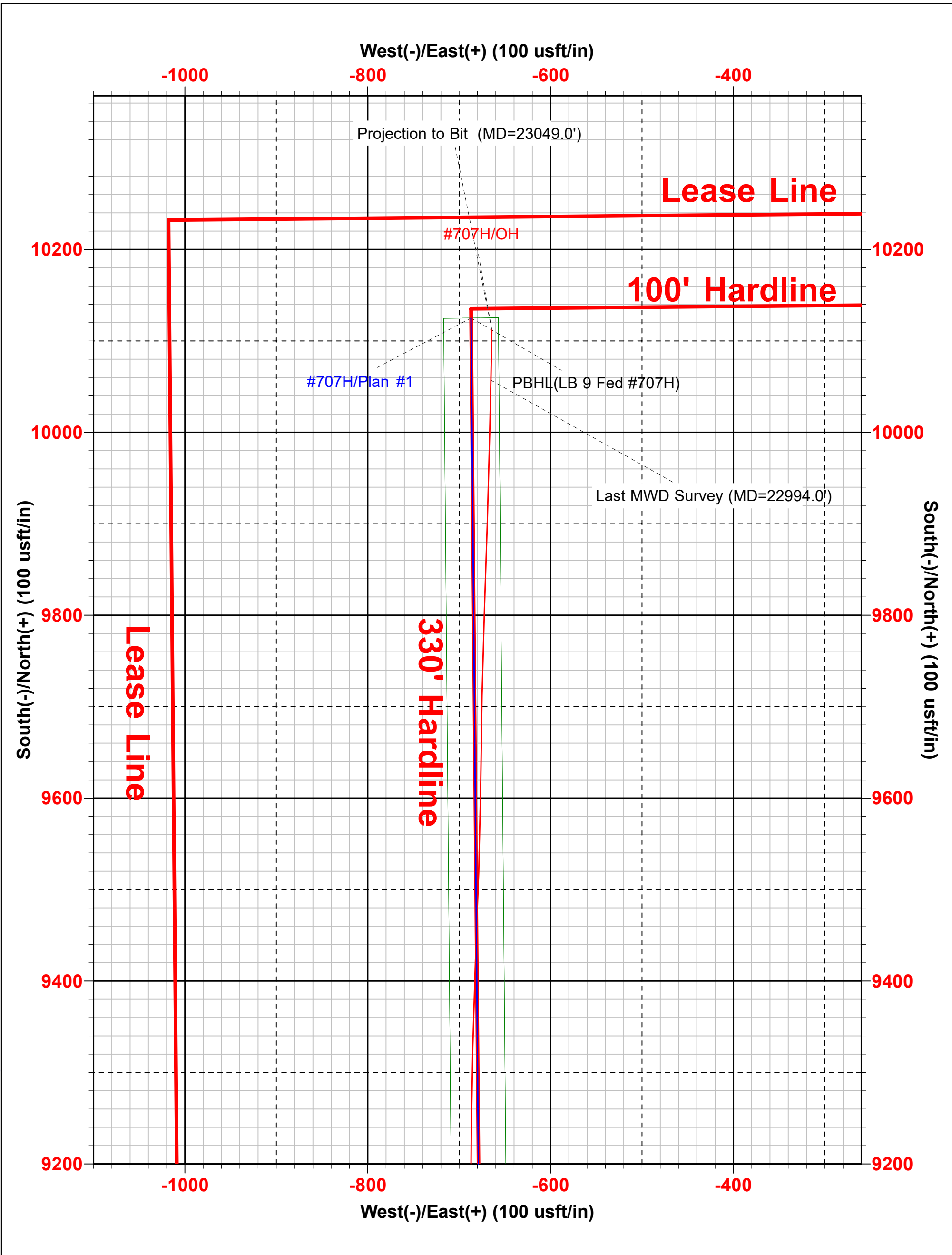
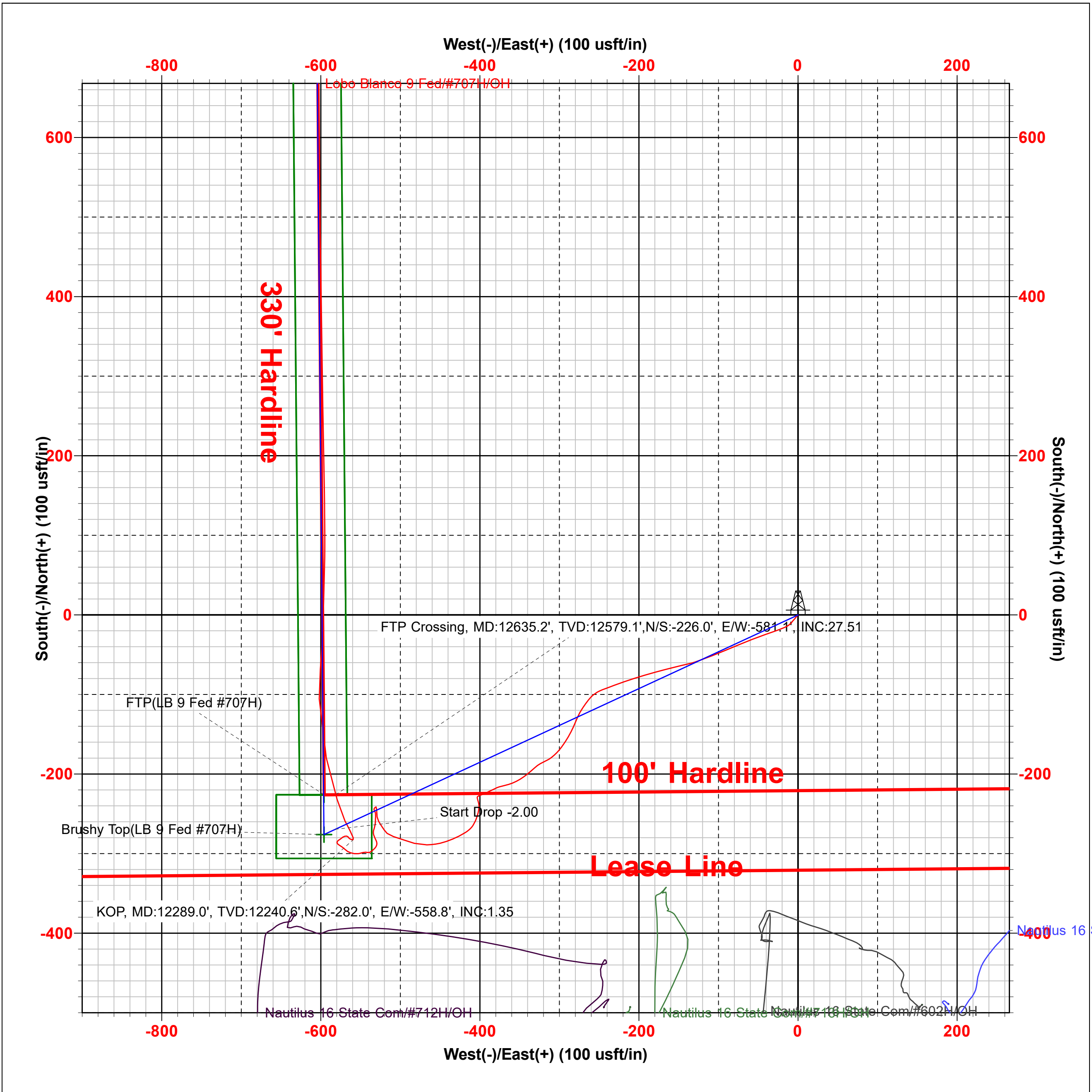
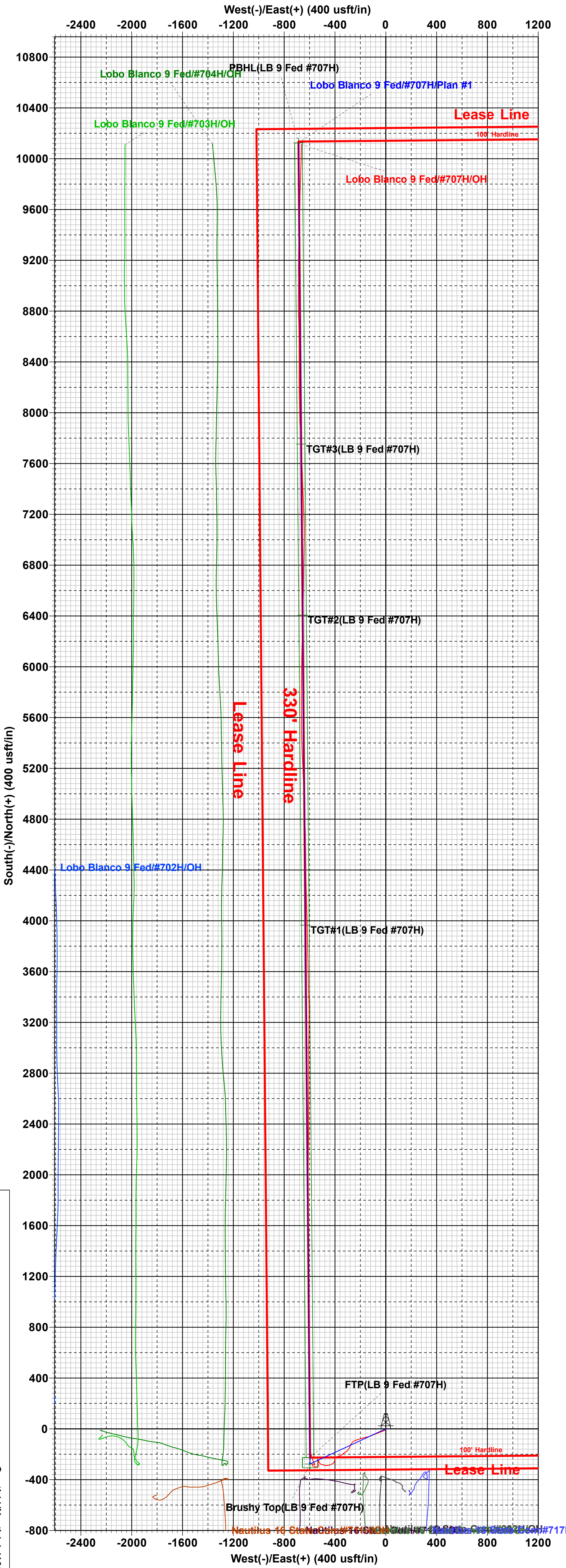
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1700.1	6.00	245.15	1699.5	-6.6	-14.2	2.00	245.15	-5.6	
4	7681.8	6.00	245.15	7648.5	-269.4	-581.8	0.00	0.00	-229.4	
5	7981.9	0.00	0.00	7948.0	-276.0	-596.0	2.00	180.00	-235.0	
6	12334.4	0.00	0.00	12300.5	-276.0	-596.0	0.00	0.00	-235.0	Brushy Top(LB 9 Fed #707H)
7	13084.4	90.00	359.50	12778.0	201.4	-600.2	12.00	359.50	241.6	
8	16849.3	90.00	359.50	12778.0	3966.2	-633.1	0.00	0.00	4000.0	TGT#1(LB 9 Fed #707H)
9	16909.9	91.21	359.50	12777.4	4026.8	-633.6	2.00	0.00	4060.5	
10	19291.1	91.21	359.50	12727.0	6407.4	-654.5	0.00	0.00	6437.0	TGT#2(LB 9 Fed #707H)
11	19309.2	90.85	359.50	12726.7	6425.5	-654.6	2.00	-180.00	6455.1	
12	20636.6	90.85	359.50	12707.0	7752.7	-666.2	0.00	0.00	7780.0	TGT#3(LB 9 Fed #707H)
13	20642.9	90.72	359.50	12706.9	7758.9	-666.3	2.00	180.00	7786.3	
14	23009.2	90.72	359.50	12677.0	10125.0	-687.0	0.00	0.00	10148.3	PBHL(LB 9 Fed #707H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(LB 9 Fed #707H)	7948.0	-276.0	-596.0	383294.00	807647.00
TGT#1(LB 9 Fed #707H)	12778.0	3966.2	-633.1	387536.20	807609.88
TGT#2(LB 9 Fed #707H)	12727.0	6407.4	-654.5	389977.40	807588.53
TGT#3(LB 9 Fed #707H)	12707.0	7752.7	-666.2	391322.70	807576.76
PBHL(LB 9 Fed #707H)	12677.0	10125.0	-687.0	393695.00	807556.00
FTP(LB 9 Fed #707H)	12778.0	-226.0	-596.0	383344.00	807647.00



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

Well Name: LOBO BLANCO 9 FED	Well Location: T26S / R34E / SEC 9 / SWSE / 32.0515864 / -103.4718471	County or Parish/State: LEA / NM
Well Number: 707H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM066927, NMNM66927	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546748	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 02/25/2021	Time Sundry Submitted: 02:43
Date Operation Actually Began: 01/20/2021	

Actual Procedure: 02/18/2020 RIG RELEASED 04/25/2020 MIRU PREP TO FRAC, TEST VOID 5000 PSI,SEALS & FLANGES TO 8500 PSI 04/27/2020 BEGIN PERF & FRAC 05/20/2020 FINISH 34 STAGES PERF & FRAC 12,872' - 23,025', 2040 3 1/8" SHOTS FRAC 24,563,316 LBS PROPPANT, 448,931 BBLS LOAD FLUID 9/10/2020 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE 1/20/2021 OPENED WELL TO FLOWBACK - DATE OF FIRST PRODUCTION WILL RUN TBG AND GAS LIFT VALVES WITHIN 3-6 MONTHS, WILL SUBMIT SUNDRY AT THAT TIME LISTING TBG DEPTH.

Well Name: LOBO BLANCO 9 FED	Well Location: T26S / R34E / SEC 9 / SWSE / 32.0515864 / -103.4718471	County or Parish/State: LEA / NM
Well Number: 707H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM066927, NMNM66927	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546748	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: AGEE	Signed on: FEB 25, 2021 02:43 PM
Name: EOG RESOURCES INCORPORATED	
Title: Senior Regulatory Administrator	
Street Address: 1111 BAGBY SKY LOBBY2	
City: HOUSTON	State: TX
Phone: (713) 651-7000	
Email address:	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 03/02/2021
Signature: Jonathon Shepard	

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)								1. WELL API NO.		30-025-46748	
								2. Type of Lease		☐ STATE ☐ FEE ☒ FED/INDIAN	
								3. State Oil & Gas Lease No.		NMNM66927	
5. Lease Name or Unit Agreement Name LOBO BLANCO 9 FED								6. Well Number:		707H	
7. Type of Completion:											
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER											
8. Name of Operator								9. OGRID			
EOG RESOURCES INC								7377			
10. Address of Operator								11. Pool name or Wildcat			
PO BOX 2267 MIDLAND, TEXAS 79702								WC025 G09 S263416B; 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	9	26S	34E		321'	SOUTH	1717'	EAST	LEA	
BH:	B	04	26S	34E		122'	NORTH	2291	EAST	LEA	
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)		
1/29/2020	2/17/2020		2/18/2020			1/20/2021			3323' GL		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
MD 23,049' TVD 12,655'			MD 23,025' TVD 12,655'			YES			None		
22. Producing Interval(s), of this completion - Top, Bottom, Name											
WOLFCAMP - 12,872'-23,025'											
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		875'		12 1/4"		455 CL C/CIRC			
7 5/8"		29.7# ICP 110		12,140'		8 3/4"		1501 C/CIRC			
5 1/2"		20# ICP 110		23,034'		6 3/4"		870' CL H/CIRC			
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.					
12,872'-23,025' 3 1/8", 2040 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						12,872'-23,025'		FRAC W/24,563,316 lbs proppant, 448,931 bbls load fld			
PRODUCTION											
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)					
01/20/2021		Flowing				Producing					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio				
01/27/2021	24	0		2782	4711	8346	1693				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)					
	748					45					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By			
SOLD											
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			Printed Name			Title			Date		
Kristina Agee			Kristina Agee			Senior Regulatory Administrator			3/25/2021		
E-mail Address kristina_agee@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	825'	T. Canyon	Brushy	7,683'	T. Ojo Alamo	T. Penn A "
T. Salt		1166'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4,611'	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	9,972'		T. Entrada	
T. Wolfcamp	12,140'		T. 2nd BS Sand	10,463'		T. Wingate	
T. Penn			T.			T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

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

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

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

From	To	Thickness In Feet	Lithology

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 22034

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 22034
	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 22034

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 22034
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 within 10 days to NMOCD after BLM approval.	7/28/2021