

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 MINDS 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 04/08/2021
⁴ API Number 30 - 025-47607	⁵ Pool Name WC025 G09 S253309P;UPPER WOLFCAMP	⁶ Pool Code 98180
⁷ Property Code 329310	⁸ Property Name RESOLUTE 12 FEDERAL COM	⁹ Well Number 703H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	12	25S	32E		284'	SOUTH	1631'	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	1	25S	32E		132'	NORTH	1340'	EAST	LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 10/23/2020	²² Ready Date 04/08/2021	²³ TD 22,447'	²⁴ PBDT 22,421'	²⁵ Perforations 12,417 - 22,421'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8"	1120'	710 SXS CL C/CIRC		
8 3/4"	7 5/8"	12,680'	1523 SXS CL C&H TOC 37' ECHO		
6 3/4"	5 1/2"	22,429'	845 SXS CL H TOC 11,228' CBL		

V. Well Test Data

³¹ Date New Oil 04/08/2021	³² Gas Delivery Date 04/08/2021	³³ Test Date 04/16/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2462
³⁷ Choke Size 64	³⁸ Oil 4029	³⁹ Water 8376	⁴⁰ Gas 8878		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox Printed name: Kay Maddox Title: SENIOR REGULATORY SPECIALIST E-mail Address: kay_maddox@eogresources.com Date: 04/30/2021 Phone: 432-638-8475	OIL CONSERVATION DIVISION
	Approved by: KURT SIMMONS
	Title: NMOCD, SANTA FE
	Approval Date: 07/14/2021

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 30-025-47607		² Pool Code 98180		³ Pool Name WC025 G09 S253309P; UPPER WOLFCAMP	
⁴ Property Code 329310		⁵ Property Name RESOLUTE 12 FED COM			⁶ Well Number 703H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3506'

¹⁰Surface Location

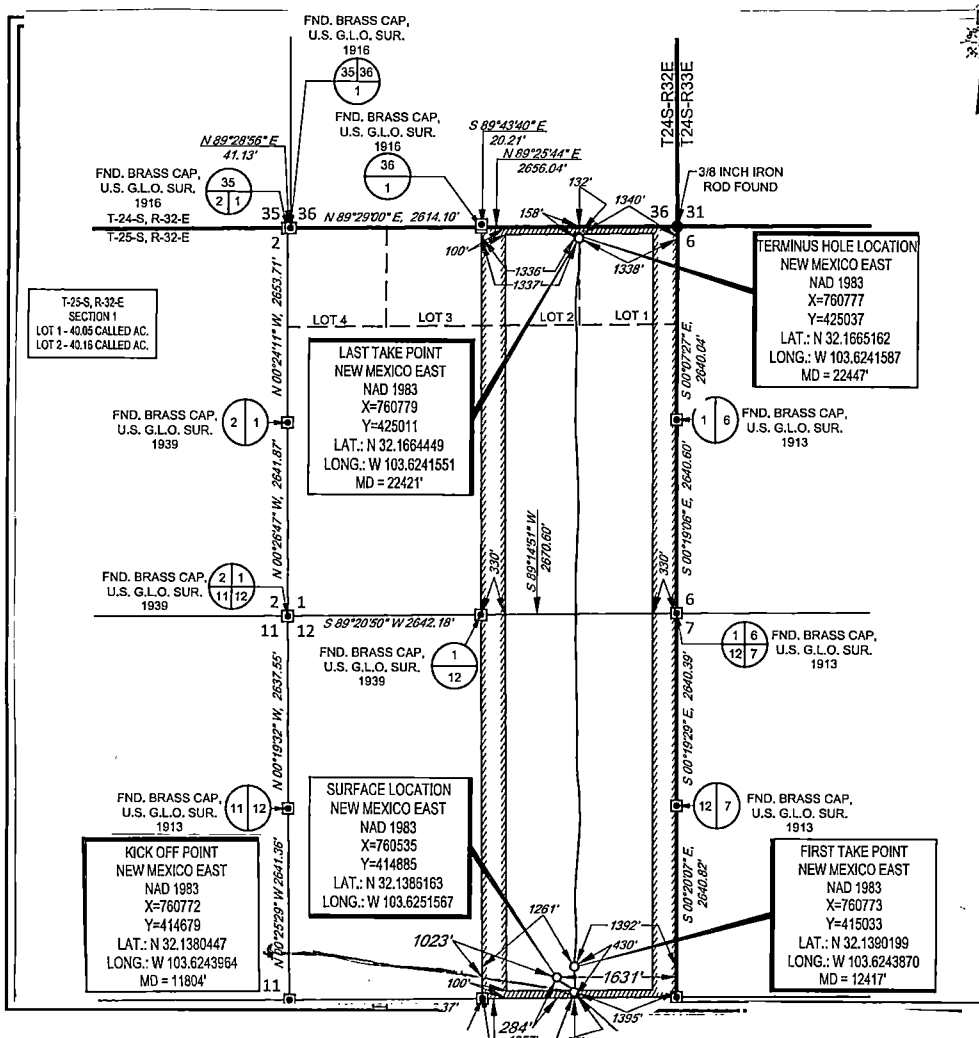
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	12	25-S	32-E	-	284'	SOUTH	1631'	EAST	LEA

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	1	25-S	32-E	-	132'	NORTH	1340'	EAST	LEA

¹² Dedicated Acres 640.21	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.

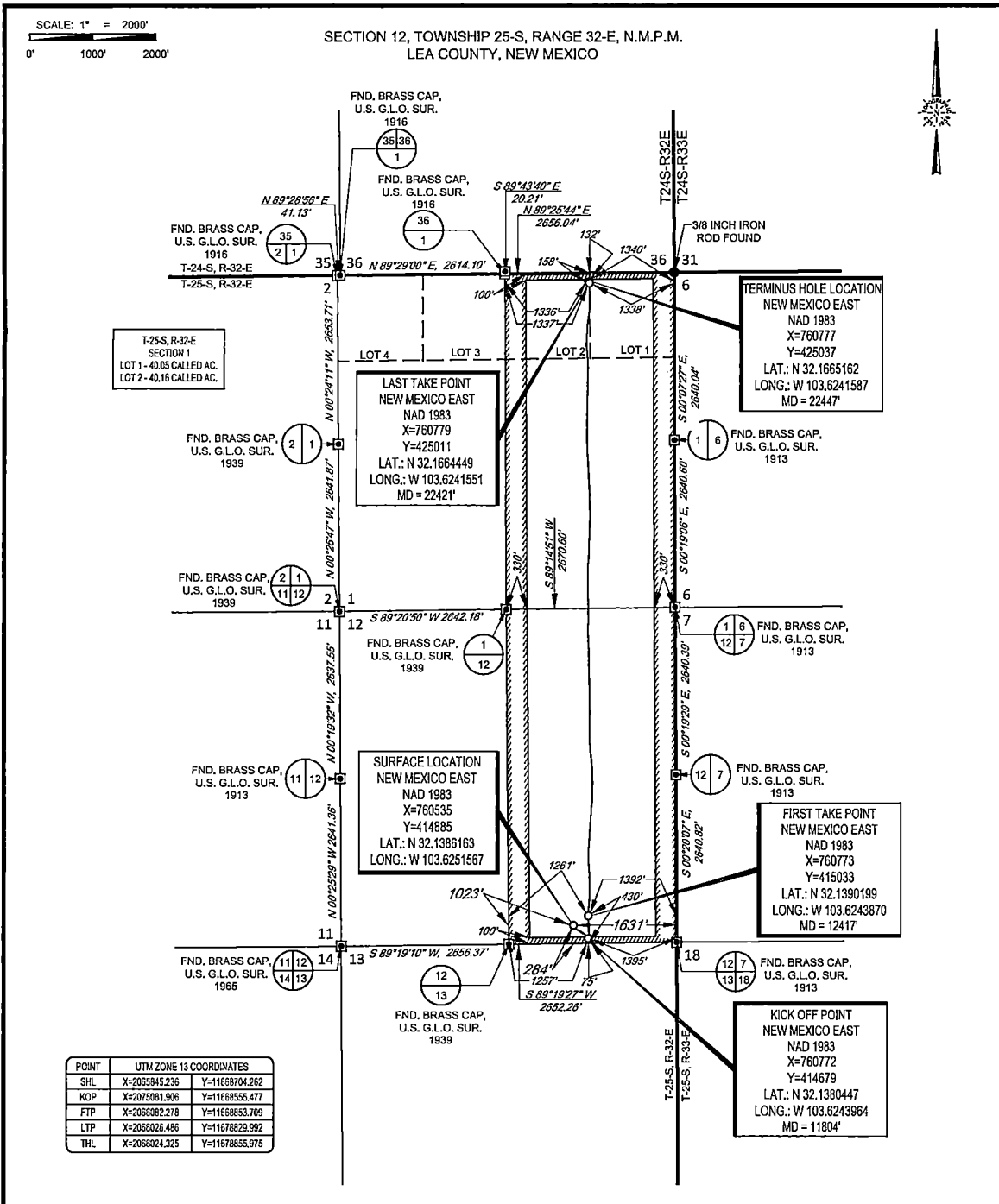


¹⁷OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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: *Kay Maddox* Date: 04/30/2021
Printed Name: KAY MADDOX
E-mail Address: kay_maddox@eogresources.com

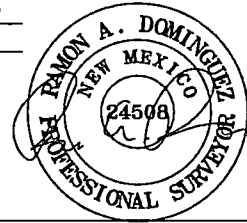
¹⁸SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

Date of Survey: 08/28/2019
Signature and Seal of Professional Surveyor: *Ramon Dominguez*
Professional Surveyor: RAMON DOMINGUEZ, 24508
Certificate Number: [Blank]



POINT	UTM ZONE 13 COORDINATES
SHL	X=2068845.236 Y=11688704.262
KOP	X=2075081.906 Y=11688555.477
FTP	X=2066802.278 Y=11688953.709
LTP	X=2066826.486 Y=11678822.992
THL	X=2066824.325 Y=11678855.975

LEASE NAME & WELL NO.: RESOLUTE 12 FED COM 703H
 SECTION 12 TWP 25-S RGE 32-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3506'
 DESCRIPTION 284' FSL & 1631' FEL



TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
 TEXAS FIRM REGISTRATION NO. 10042504
 WWW.TOPOGRAPHIC.COM

Ramon A. Dominguez, P.S. No. 24508
 MARCH 15, 2021

EOG resources, Inc.

RESOLUTE 12 FED COM 703H PRE-COMPLETION	REVISION:
DATE: 03/13/2021	
FILE: AD_RESOLUTE_12_FED_COM_703H	
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 OF 1983, EAST ZONE, U.S. SURVEY FEET.
 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
 4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Resolute 12 Fed Com

#703H

OH

Design: OH

Final PVA

07 December, 2020



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3538.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 32' @ 3538.0usft
Well:	#703H	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	Resolute 12 Fed Com				
Site Position:		Northing:	414,863.00 usft	Latitude:	32° 8' 18.736 N
From:	Map	Easting:	761,539.00 usft	Longitude:	103° 37' 18.893 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.38 °

Well	#703H					
Well Position	+N/-S	0.0 usft	Northing:	414,885.00 usft	Latitude:	32° 8' 19.020 N
	+E/-W	0.0 usft	Easting:	760,535.00 usft	Longitude:	103° 37' 30.568 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,506.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	10/1/2020	6.65	59.84	47,510.45464147

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	11,724.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	1.25	



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Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey Program		Date				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description		
182.0	11,724.0	Pro MWD #1 (Pilot)	EOG MWD+IFR1	MWD + IFR1		
11,763.0	11,954.0	Scientific gMWD (OH)	CT_GYRO_MS	Continuous Gyro Multishot		
12,031.0	12,982.0	Scientific MWD (OH)	EOG MWD+IFR1	MWD + IFR1		
12,999.0	22,447.0	Pro MWD #2 (OH)	EOG MWD+IFR1	MWD + IFR1		

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	7.0	0.0
182.0	0.66	93.47	182.0	-0.1	1.0	0.36	0.36	0.00	-1.0	0.0
320.0	0.70	90.49	320.0	-0.1	2.7	0.04	0.03	-2.16	-2.7	-0.1
412.0	0.53	90.49	412.0	-0.1	3.7	0.18	-0.18	0.00	-3.7	-0.1
595.0	0.22	131.79	595.0	-0.4	4.8	0.21	-0.17	22.57	-3.8	2.9
690.0	0.04	146.47	690.0	-0.5	4.9	0.19	-0.19	15.45	-3.2	3.8
785.0	0.26	208.43	785.0	-0.7	4.8	0.26	0.23	65.22	1.7	4.6
880.0	0.35	283.76	880.0	-0.9	4.5	0.40	0.09	79.29	4.5	-0.2
975.0	0.62	256.42	975.0	-0.9	3.7	0.37	0.28	-28.78	3.4	1.7
1,070.0	0.66	262.49	1,070.0	-1.1	2.6	0.08	0.04	6.39	2.5	1.4
1,165.0	0.40	234.80	1,165.0	-1.4	1.8	0.38	-0.27	-29.15	0.7	2.2
1,260.0	0.83	195.43	1,260.0	-2.2	1.4	0.61	0.45	-41.44	-1.6	1.5
1,356.0	6.15	144.71	1,355.8	-7.1	4.2	5.90	5.54	-52.83	-4.4	-1.7
1,451.0	8.17	138.30	1,450.0	-16.3	11.6	2.28	2.13	-6.75	-9.6	-3.6
1,546.0	8.44	138.38	1,544.0	-26.5	20.7	0.28	0.28	0.08	-14.2	-4.9
1,641.0	8.13	138.82	1,638.0	-36.8	29.8	0.33	-0.33	0.46	-18.3	-6.2
1,736.0	8.26	139.53	1,732.1	-47.0	38.6	0.17	0.14	0.75	-22.3	-7.4
1,832.0	7.56	133.55	1,827.1	-56.6	47.7	1.12	-0.73	-6.23	-24.8	-11.0
1,927.0	6.81	117.12	1,921.4	-63.5	57.2	2.29	-0.79	-17.29	-22.9	-17.0
2,021.0	6.46	119.14	2,014.8	-68.6	66.8	0.45	-0.37	2.15	-24.9	-14.2



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3538.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 32' @ 3538.0usft
Well:	#703H	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)	
2,116.0	6.50	119.93	2,109.2	-73.9	76.1	0.10	0.04	0.83	-26.3	-12.0	
2,211.0	6.59	122.83	2,203.5	-79.6	85.4	0.36	0.09	3.05	-28.0	-9.1	
2,306.0	6.64	122.57	2,297.9	-85.5	94.6	0.06	0.05	-0.27	-29.3	-7.9	
2,402.0	6.55	121.95	2,393.3	-91.4	103.9	0.12	-0.09	-0.65	-30.5	-6.9	
2,497.0	6.28	122.30	2,487.7	-97.0	112.9	0.29	-0.28	0.37	-31.5	-5.3	
2,592.0	6.59	123.53	2,582.1	-102.8	121.8	0.36	0.33	1.29	-32.6	-3.4	
2,687.0	6.33	121.42	2,676.5	-108.5	130.8	0.37	-0.27	-2.22	-33.5	-3.2	
2,782.0	6.37	123.09	2,770.9	-114.1	139.7	0.20	0.04	1.76	-34.5	-0.9	
2,877.0	6.28	123.71	2,865.3	-119.9	148.5	0.12	-0.09	0.65	-35.3	0.7	
2,973.0	6.15	123.53	2,960.8	-125.7	157.1	0.14	-0.14	-0.19	-35.9	1.7	
3,068.0	6.20	124.15	3,055.2	-131.3	165.6	0.09	0.05	0.65	-36.5	3.2	
3,163.0	5.93	123.88	3,149.7	-137.0	173.9	0.29	-0.28	-0.28	-36.8	4.1	
3,258.0	6.06	125.38	3,244.2	-142.6	182.1	0.21	0.14	1.58	-36.9	6.0	
3,353.0	5.93	123.88	3,338.6	-148.2	190.2	0.21	-0.14	-1.58	-37.3	6.0	
3,448.0	5.41	127.22	3,433.2	-153.7	197.9	0.65	-0.55	3.52	-36.6	9.0	
3,543.0	5.36	125.38	3,527.8	-159.0	205.1	0.19	-0.05	-1.94	-36.1	8.5	
3,638.0	5.10	127.66	3,622.4	-164.1	212.0	0.35	-0.27	2.40	-34.6	10.6	
3,733.0	4.88	130.21	3,717.0	-169.3	218.5	0.33	-0.23	2.68	-32.7	12.3	
3,829.0	5.23	119.58	3,812.6	-174.1	225.4	1.04	0.36	-11.07	-33.1	7.2	
3,924.0	4.83	118.96	3,907.3	-178.2	232.6	0.42	-0.42	-0.65	-31.9	8.7	
4,019.0	4.04	118.70	4,002.0	-181.7	239.1	0.83	-0.83	-0.27	-29.8	10.5	
4,114.0	3.52	117.56	4,096.8	-184.7	244.6	0.55	-0.55	-1.20	-26.8	12.0	
4,209.0	3.87	115.36	4,191.6	-187.4	250.1	0.40	0.37	-2.32	-23.9	13.4	
4,304.0	5.23	114.74	4,286.3	-190.6	256.9	1.43	1.43	-0.65	-22.2	15.7	
4,399.0	5.14	118.00	4,380.9	-194.4	264.6	0.32	-0.09	3.43	-20.3	19.2	
4,494.0	5.23	127.14	4,475.5	-199.0	271.8	0.87	0.09	9.62	-15.9	23.4	
4,590.0	6.77	130.91	4,571.0	-205.3	279.6	1.66	1.60	3.93	-14.5	24.6	



EOG Resources

Final PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Resolute 12 Fed Com
Well: #703H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 32' @ 3538.0usft
MD Reference: KB = 32' @ 3538.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)		
4,685.0	6.24	136.19	4,665.4	-212.7	287.4	0.84	-0.56	5.56	-13.2	25.3		
4,780.0	2.68	159.92	4,760.1	-218.6	291.7	4.14	-3.75	24.98	-1.6	26.5		
4,875.0	1.36	182.51	4,855.0	-221.8	292.4	1.60	-1.39	23.78	8.8	21.7		
4,970.0	1.23	184.18	4,950.0	-223.9	292.3	0.14	-0.14	1.76	8.5	19.8		
5,065.0	1.05	176.27	5,045.0	-225.8	292.3	0.25	-0.19	-8.33	3.9	20.6		
5,160.0	0.92	167.30	5,139.9	-227.4	292.5	0.21	-0.14	-9.44	-1.0	20.8		
5,255.0	1.19	169.59	5,234.9	-229.1	292.9	0.29	0.28	2.41	-1.9	20.9		
5,350.0	1.23	156.40	5,329.9	-231.0	293.4	0.30	0.04	-13.88	-8.6	19.6		
5,445.0	1.14	157.19	5,424.9	-232.8	294.2	0.10	-0.09	0.83	-10.3	19.8		
5,541.0	0.97	157.72	5,520.9	-234.5	294.9	0.18	-0.18	0.55	-11.9	19.9		
5,636.0	0.97	155.44	5,615.9	-235.9	295.5	0.04	0.00	-2.40	-14.3	19.4		
5,731.0	1.27	142.87	5,710.8	-237.5	296.5	0.41	0.32	-13.23	-20.0	15.6		
5,826.0	1.19	145.15	5,805.8	-239.2	297.7	0.10	-0.08	2.40	-21.4	16.4		
5,921.0	1.10	152.10	5,900.8	-240.8	298.7	0.17	-0.09	7.32	-21.1	19.0		
6,016.0	1.01	167.39	5,995.8	-242.4	299.3	0.31	-0.09	16.09	-17.1	24.2		
6,111.0	0.75	163.35	6,090.8	-243.8	299.7	0.28	-0.27	-4.25	-20.2	22.8		
6,206.0	0.88	170.29	6,185.8	-245.1	300.0	0.17	0.14	7.31	-18.6	25.2		
6,302.0	0.83	173.54	6,281.7	-246.5	300.2	0.07	-0.05	3.39	-18.6	26.2		
6,397.0	0.79	170.29	6,376.7	-247.9	300.4	0.06	-0.04	-3.42	-21.4	25.1		
6,492.0	0.83	165.54	6,471.7	-249.2	300.6	0.08	0.04	-5.00	-24.8	23.2		
6,587.0	0.88	170.46	6,566.7	-250.6	300.9	0.09	0.05	5.18	-24.1	25.3		
6,683.0	0.75	162.03	6,662.7	-251.9	301.3	0.18	-0.14	-8.78	-28.9	21.4		
6,778.0	0.53	160.01	6,757.7	-252.9	301.6	0.23	-0.23	-2.13	-30.7	20.3		
6,873.0	0.88	277.25	6,852.7	-253.2	301.0	1.28	0.37	123.41	31.6	18.4		
6,969.0	1.45	296.76	6,948.7	-252.6	299.2	0.72	0.59	20.32	34.0	7.0		
7,064.0	1.23	311.71	7,043.6	-251.4	297.4	0.43	-0.23	15.74	32.5	-1.7		
7,159.0	1.32	299.23	7,138.6	-250.1	295.7	0.31	0.09	-13.14	30.0	5.2		



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3538.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 32' @ 3538.0usft
Well:	#703H	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)	
7,254.0	1.23	298.43	7,233.6	-249.1	293.8	0.10	-0.09	-0.84	27.8	5.6	
7,350.0	1.10	298.17	7,329.6	-248.2	292.1	0.14	-0.14	-0.27	25.8	5.7	
7,432.9	0.94	300.04	7,412.4	-247.5	290.8	0.19	-0.19	2.26	24.5	4.9	
Brushy Top (Res 12 FC #703H)											
7,445.0	0.92	300.37	7,424.6	-247.4	290.6	0.19	-0.19	2.70	24.4	4.7	
7,540.0	0.70	272.33	7,519.6	-247.0	289.4	0.47	-0.23	-29.52	18.0	15.3	
7,635.0	0.83	247.37	7,614.6	-247.2	288.2	0.37	0.14	-26.27	8.7	21.2	
7,730.0	0.57	258.01	7,709.5	-247.6	287.1	0.30	-0.27	11.20	11.3	19.3	
7,826.0	0.70	262.49	7,805.5	-247.8	286.0	0.14	0.14	4.67	11.7	18.4	
7,921.0	0.97	262.58	7,900.5	-247.9	284.7	0.28	0.28	0.09	10.4	18.4	
8,016.0	1.19	249.57	7,995.5	-248.4	282.9	0.35	0.23	-13.69	4.2	20.1	
8,111.0	1.19	246.40	8,090.5	-249.1	281.1	0.07	0.00	-3.34	1.1	20.3	
8,206.0	1.19	238.76	8,185.5	-250.0	279.4	0.17	0.00	-8.04	-3.6	20.1	
8,301.0	1.32	224.17	8,280.4	-251.3	277.7	0.36	0.14	-15.36	-10.6	18.3	
8,396.0	1.58	215.73	8,375.4	-253.2	276.2	0.35	0.27	-8.88	-15.5	16.4	
8,491.0	1.63	213.01	8,470.4	-255.4	274.7	0.10	0.05	-2.86	-18.9	15.6	
8,586.0	1.89	207.29	8,565.3	-257.9	273.3	0.33	0.27	-6.02	-23.3	13.5	
8,681.0	1.54	187.43	8,660.3	-260.6	272.4	0.72	-0.37	-20.91	-29.3	4.2	
8,776.0	1.32	259.50	8,755.3	-262.0	271.1	1.78	-0.23	75.86	-6.5	30.3	
8,872.0	1.19	196.57	8,851.3	-263.2	269.8	1.37	-0.14	-65.55	-31.5	7.0	
8,967.0	1.19	196.57	8,946.2	-265.1	269.2	0.00	0.00	0.00	-33.4	7.0	
9,062.0	1.19	263.72	9,041.2	-266.1	267.9	1.39	0.00	70.68	-7.9	34.5	
9,157.0	1.27	284.90	9,136.2	-266.0	265.9	0.48	0.08	22.29	3.1	35.3	
9,252.0	0.66	276.37	9,231.2	-265.6	264.4	0.66	-0.64	-8.98	-3.7	35.3	
9,347.0	1.36	324.19	9,326.2	-264.6	263.2	1.09	0.74	50.34	22.1	26.8	
9,442.0	2.20	308.54	9,421.1	-262.6	261.1	1.01	0.88	-16.47	11.2	31.5	
9,537.0	2.15	284.35	9,516.1	-261.0	257.9	0.96	-0.05	-25.46	-6.2	32.6	



EOG Resources

Final PVA

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Project: Lea County, NM (NAD 83 NME)
Site: Resolute 12 Fed Com
Well: #703H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 32' @ 3538.0usft
MD Reference: KB = 32' @ 3538.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)		
9,632.0	2.11	260.27	9,611.0	-260.9	254.5	0.94	-0.04	-25.35	-22.3	26.5		
9,727.0	2.42	243.57	9,705.9	-262.1	251.0	0.76	0.33	-17.58	-32.6	18.5		
9,822.0	2.02	271.87	9,800.8	-262.9	247.5	1.21	-0.42	29.79	-23.4	32.7		
9,917.0	2.24	297.19	9,895.8	-262.0	244.2	1.01	0.23	26.65	-10.6	40.3		
10,012.0	2.59	313.01	9,990.7	-259.7	241.0	0.79	0.37	16.65	-3.1	42.1		
10,107.0	2.59	305.89	10,085.6	-257.0	237.7	0.34	0.00	-7.49	-12.6	41.2		
10,202.0	2.55	302.90	10,180.5	-254.6	234.1	0.15	-0.04	-3.15	-19.0	40.4		
10,297.0	2.20	291.74	10,275.4	-252.7	230.7	0.61	-0.37	-11.75	-30.3	35.5		
10,392.0	1.98	295.69	10,370.4	-251.3	227.5	0.28	-0.23	4.16	-31.3	37.6		
10,487.0	1.14	308.35	10,465.3	-250.0	225.3	0.95	-0.88	13.33	-24.8	43.9		
10,582.0	0.88	318.89	10,560.3	-248.9	224.1	0.34	-0.27	11.09	-18.0	47.9		
10,677.0	1.76	40.55	10,655.3	-247.3	224.5	1.95	0.93	85.96	43.2	25.5		
10,773.0	1.41	74.12	10,751.3	-245.8	226.6	1.02	-0.36	34.97	47.7	-1.8		
10,868.0	1.67	65.68	10,846.2	-244.9	229.0	0.36	0.27	-8.88	44.9	5.0		
10,963.0	1.67	54.08	10,941.2	-243.5	231.4	0.36	0.00	-12.21	40.2	13.7		
11,058.0	1.36	42.48	11,036.2	-241.9	233.3	0.46	-0.33	-12.21	34.2	21.2		
11,154.0	0.83	327.60	11,132.1	-240.5	233.7	1.45	-0.55	-78.00	-12.5	37.4		
11,249.0	2.07	332.52	11,227.1	-238.4	232.5	1.31	1.31	5.18	-11.7	38.4		
11,344.0	2.68	318.89	11,322.0	-235.2	230.3	0.87	0.64	-14.35	-24.3	34.2		
11,439.0	3.12	337.70	11,416.9	-231.1	227.8	1.10	0.46	19.80	-16.6	40.9		
11,534.0	5.32	18.13	11,511.7	-224.5	228.2	3.76	2.32	42.56	7.4	43.6		
11,629.0	4.22	26.75	11,606.3	-217.2	231.1	1.38	-1.16	9.07	6.1	42.7		
11,724.0	3.56	32.64	11,701.1	-211.6	234.3	0.81	-0.69	6.20	4.0	42.2		
11,763.0	3.26	29.85	11,740.0	-209.6	235.5	0.88	-0.77	-7.15	-0.4	42.3		
11,804.0	6.40	14.81	11,780.9	-206.4	236.7	8.19	7.66	-36.68	-14.4	40.3		
KOP, MD:11804.0', TVD:11780.9',N/S:-206.4', E/W:236.7', INC:6.40												
11,859.0	10.82	8.76	11,835.3	-198.3	238.3	8.19	8.04	-11.00	-22.3	37.5		



EOG Resources

Final PVA

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Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 32' @ 3538.0usft
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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)		
11,922.2	20.59	7.39	11,896.0	-181.4	240.6	15.47	15.46	-2.17	-28.5	35.2		
HL Crossing, MD:11922.2', TVD:11896.0', N/S:-181.4', E/W:240.6', INC:20.59												
11,954.0	25.51	7.09	11,925.3	-169.1	242.2	15.47	15.47	-0.95	-32.7	33.9		
12,031.0	34.47	0.65	11,991.9	-130.7	244.5	12.35	11.64	-8.36	-46.9	28.0		
12,126.0	41.33	357.59	12,066.8	-72.4	243.4	7.49	7.22	-3.22	-59.4	26.1		
12,221.0	46.06	358.37	12,135.5	-6.9	241.1	5.01	4.98	0.82	-62.5	28.8		
FTP (Res 12 FC #703H)												
12,316.0	51.41	357.55	12,198.1	64.5	238.6	5.67	5.63	-0.86	-56.7	30.9		
12,411.0	59.08	0.19	12,252.3	142.4	237.1	8.39	8.07	2.78	-43.4	33.5		
12,506.0	72.82	2.46	12,290.9	228.9	239.2	14.63	14.46	2.39	-31.7	31.0		
12,601.0	82.09	5.02	12,311.5	321.4	245.3	10.11	9.76	2.69	-22.8	24.2		
12,696.0	82.57	3.96	12,324.2	415.2	252.7	1.22	0.51	-1.12	-11.1	16.3		
12,791.0	83.37	2.34	12,335.8	509.4	257.9	1.89	0.84	-1.71	-0.2	10.6		
12,887.0	84.02	359.49	12,346.4	604.8	259.4	3.03	0.68	-2.97	9.6	8.6		
12,982.0	88.93	357.85	12,352.2	699.5	257.2	5.45	5.17	-1.73	14.8	10.4		
12,999.0	90.13	357.91	12,352.3	716.5	256.5	7.07	7.06	0.35	14.8	10.9		
13,094.0	90.66	355.89	12,351.7	811.4	251.4	2.20	0.56	-2.13	13.5	15.6		
13,189.0	90.83	358.08	12,350.5	906.2	246.4	2.31	0.18	2.31	11.6	20.1		
13,284.0	90.62	357.12	12,349.3	1,001.1	242.4	1.03	-0.22	-1.01	9.8	23.6		
13,379.0	90.92	358.61	12,348.0	1,096.1	238.9	1.60	0.32	1.57	7.9	26.7		
13,475.0	89.30	2.13	12,347.8	1,192.0	239.5	4.04	-1.69	3.67	7.0	25.6		
13,570.0	91.89	3.80	12,346.8	1,286.9	244.4	3.24	2.73	1.76	5.3	20.3		
13,665.0	89.78	4.32	12,345.4	1,381.6	251.1	2.29	-2.22	0.55	3.4	13.1		
13,760.0	89.17	4.85	12,346.3	1,476.3	258.7	0.85	-0.64	0.56	3.6	5.0		
13,855.0	89.30	4.41	12,347.6	1,571.0	266.4	0.48	0.14	-0.46	4.2	-3.1		
13,951.0	88.95	3.62	12,349.0	1,666.8	273.1	0.90	-0.36	-0.82	5.0	-10.3		
14,046.0	89.34	3.18	12,350.4	1,761.6	278.8	0.62	0.41	-0.46	5.8	-16.3		



EOG Resources

Final PVA

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Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 32' @ 3538.0usft
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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)		
14,141.0	89.43	4.32	12,351.5	1,856.4	285.0	1.20	0.09	1.20	6.1	-23.0		
14,236.0	91.98	5.38	12,350.3	1,951.0	293.0	2.91	2.68	1.12	4.4	-31.5		
14,331.0	88.86	2.83	12,349.6	2,045.7	299.8	4.24	-3.28	-2.68	2.9	-38.8		
14,426.0	87.36	359.40	12,352.7	2,140.7	301.7	3.94	-1.58	-3.61	5.5	-41.1		
14,521.0	87.76	359.32	12,356.8	2,235.6	300.6	0.43	0.42	-0.08	8.9	-40.4		
14,616.0	87.23	359.49	12,360.9	2,330.5	299.6	0.59	-0.56	0.18	12.4	-39.9		
14,711.0	86.70	356.77	12,366.0	2,425.3	296.5	2.91	-0.56	-2.86	16.8	-37.2		
14,806.0	89.03	355.18	12,369.5	2,520.0	289.9	2.97	2.45	-1.67	19.7	-31.0		
14,901.0	88.90	353.60	12,371.2	2,614.5	280.6	1.67	-0.14	-1.66	20.8	-22.2		
14,996.0	91.71	354.48	12,370.7	2,709.0	270.7	3.10	2.96	0.93	19.6	-12.8		
15,091.0	91.23	355.27	12,368.3	2,803.6	262.2	0.97	-0.51	0.83	16.5	-4.8		
15,186.0	90.53	359.05	12,366.8	2,898.4	257.5	4.05	-0.74	3.98	14.4	-0.6		
15,281.0	89.12	359.14	12,367.1	2,993.4	256.0	1.49	-1.48	0.09	14.0	0.5		
15,377.0	90.48	359.58	12,367.4	3,089.4	254.9	1.49	1.42	0.46	13.7	1.1		
15,472.0	92.02	0.55	12,365.4	3,184.4	255.0	1.92	1.62	1.02	11.0	0.5		
15,567.0	90.48	1.07	12,363.3	3,279.3	256.4	1.71	-1.62	0.55	8.2	-1.3		
15,662.0	88.33	359.49	12,364.3	3,374.3	256.9	2.81	-2.26	-1.66	8.6	-2.2		
15,757.0	89.03	359.32	12,366.5	3,469.3	255.9	0.76	0.74	-0.18	10.1	-1.7		
15,852.0	89.78	359.05	12,367.5	3,564.3	254.5	0.84	0.79	-0.28	10.5	-0.8		
15,947.0	92.02	359.14	12,366.0	3,659.2	253.0	2.36	2.36	0.09	8.3	0.3		
16,042.0	90.53	358.44	12,363.8	3,754.2	251.0	1.73	-1.57	-0.74	5.5	1.8		
16,137.0	90.53	358.44	12,363.0	3,849.2	248.4	0.00	0.00	0.00	4.0	4.0		
16,232.0	86.44	358.88	12,365.5	3,944.1	246.2	4.33	-4.31	0.46	5.9	5.7		
16,327.0	86.48	358.61	12,371.3	4,038.9	244.1	0.29	0.04	-0.28	11.1	7.4		
16,422.0	89.91	359.23	12,374.3	4,133.8	242.3	3.67	3.61	0.65	13.4	8.7		
16,517.0	90.09	359.32	12,374.3	4,228.8	241.1	0.21	0.19	0.09	12.8	9.4		
16,612.0	87.80	358.00	12,376.1	4,323.7	238.9	2.78	-2.41	-1.39	13.9	11.2		



EOG Resources

Final PVA

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Local Co-ordinate Reference: Well #703H
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16,707.0	89.12	357.91	12,378.6	4,418.6	235.5	1.39	1.39	-0.09	15.8	14.1			
16,802.0	90.35	357.91	12,379.1	4,513.6	232.1	1.29	1.29	0.00	15.6	17.1			
16,897.0	90.66	358.52	12,378.2	4,608.5	229.1	0.72	0.33	0.64	14.1	19.6			
16,992.0	92.37	1.16	12,375.7	4,703.5	228.8	3.31	1.80	2.78	10.9	19.5			
17,087.0	91.27	0.72	12,372.7	4,798.4	230.4	1.25	-1.16	-0.46	7.3	17.4			
17,182.0	89.74	359.67	12,371.9	4,893.4	230.7	1.95	-1.61	-1.11	5.8	16.7			
17,277.0	89.69	0.19	12,372.3	4,988.4	230.6	0.55	-0.05	0.55	5.6	16.3			
17,373.0	88.95	359.23	12,373.5	5,084.4	230.1	1.26	-0.77	-1.00	6.1	16.3			
17,468.0	87.93	358.52	12,376.1	5,179.3	228.3	1.31	-1.07	-0.75	8.0	17.8			
17,563.0	87.41	358.00	12,379.9	5,274.2	225.4	0.77	-0.55	-0.55	11.2	20.2			
17,658.0	88.46	359.58	12,383.4	5,369.1	223.4	2.00	1.11	1.66	14.0	21.7			
17,753.0	89.34	1.51	12,385.2	5,464.1	224.3	2.23	0.93	2.03	15.2	20.4			
17,848.0	89.43	1.60	12,386.2	5,559.1	226.8	0.13	0.09	0.09	15.6	17.3			
17,944.0	88.86	1.86	12,387.6	5,655.0	229.7	0.65	-0.59	0.27	16.3	14.0			
18,039.0	90.00	2.39	12,388.6	5,749.9	233.3	1.32	1.20	0.56	16.6	10.0			
18,134.0	88.86	3.18	12,389.5	5,844.8	237.9	1.46	-1.20	0.83	16.9	4.9			
18,229.0	90.09	1.51	12,390.4	5,939.7	241.8	2.18	1.29	-1.76	17.1	0.6			
18,324.0	91.80	1.95	12,388.8	6,034.7	244.6	1.86	1.80	0.46	14.9	-2.8			
18,427.0	92.37	3.36	12,385.1	6,137.5	249.4	1.48	0.55	1.37	10.5	-8.0			
18,485.6	91.26	2.06	12,383.2	6,196.0	252.2	2.92	-1.89	-2.22	8.2	-11.1			
TGT 1 (Res 12 FC #703H)													
18,522.0	90.57	1.25	12,382.6	6,232.4	253.2	2.92	-1.90	-2.22	7.4	-12.3			
18,617.0	90.53	1.16	12,381.7	6,327.3	255.2	0.10	-0.04	-0.09	5.8	-14.7			
18,712.0	90.62	1.34	12,380.8	6,422.3	257.3	0.21	0.09	0.19	4.1	-17.3			
18,808.0	88.86	358.79	12,381.2	6,518.3	257.4	3.23	-1.83	-2.66	3.9	-17.8			
18,903.0	91.93	359.23	12,380.6	6,613.3	255.8	3.26	3.23	0.46	2.5	-16.7			
18,998.0	84.07	358.52	12,383.9	6,708.1	253.9	8.31	-8.27	-0.75	5.1	-15.2			



EOG Resources

Final PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Resolute 12 Fed Com
Well: #703H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 32' @ 3538.0usft
MD Reference: KB = 32' @ 3538.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)		
19,093.0	87.76	356.85	12,390.6	6,802.8	250.1	4.26	3.88	-1.76	11.2	-11.9		
19,188.0	88.81	356.06	12,393.5	6,897.6	244.2	1.38	1.11	-0.83	13.3	-6.4		
19,283.0	88.24	357.56	12,395.9	6,992.4	238.9	1.69	-0.60	1.58	15.1	-1.6		
19,378.0	90.40	357.73	12,397.1	7,087.3	235.0	2.28	2.27	0.18	15.5	1.8		
19,473.0	91.93	356.94	12,395.1	7,182.2	230.6	1.81	1.61	-0.83	12.9	5.8		
19,568.0	89.91	358.17	12,393.6	7,277.0	226.5	2.49	-2.13	1.29	10.7	9.4		
19,663.0	88.37	356.68	12,395.0	7,371.9	222.3	2.26	-1.62	-1.57	11.4	13.2		
19,758.0	88.46	355.45	12,397.7	7,466.7	215.8	1.30	0.09	-1.29	13.3	19.3		
19,854.0	87.89	358.88	12,400.7	7,562.5	211.0	3.62	-0.59	3.57	15.7	23.5		
19,949.0	86.48	359.32	12,405.4	7,657.4	209.5	1.55	-1.48	0.46	19.6	24.6		
20,044.0	87.06	359.49	12,410.7	7,752.2	208.5	0.64	0.61	0.18	24.3	25.1		
20,139.0	86.75	359.75	12,415.9	7,847.1	207.9	0.43	-0.33	0.27	28.7	25.3		
20,234.0	88.42	0.81	12,419.9	7,942.0	208.4	2.08	1.76	1.12	32.0	24.3		
20,329.0	93.91	0.11	12,417.9	8,036.9	209.1	5.83	5.78	-0.74	29.4	23.2		
20,424.0	94.22	1.25	12,411.2	8,131.7	210.3	1.24	0.33	1.20	21.9	21.6		
20,520.0	91.89	2.57	12,406.1	8,227.5	213.5	2.79	-2.43	1.37	16.1	17.9		
20,615.0	90.57	1.07	12,404.0	8,322.4	216.5	2.10	-1.39	-1.58	13.4	14.4		
20,710.0	89.25	0.81	12,404.2	8,417.4	218.0	1.42	-1.39	-0.27	12.9	12.4		
20,805.0	89.91	1.34	12,404.9	8,512.4	219.8	0.89	0.69	0.56	12.9	10.2		
20,900.0	88.37	359.75	12,406.3	8,607.3	220.7	2.33	-1.62	-1.67	13.6	8.8		
20,995.0	88.55	0.19	12,408.9	8,702.3	220.7	0.50	0.19	0.46	15.5	8.4		
21,090.0	86.66	359.32	12,412.8	8,797.2	220.3	2.19	-1.99	-0.92	18.7	8.4		
21,185.0	89.96	357.82	12,415.6	8,892.1	217.9	3.82	3.47	-1.58	20.8	10.3		
21,210.9	89.41	357.12	12,415.8	8,918.0	216.7	3.43	-2.14	-2.68	20.8	11.3		
TGT 2 (Res 12 FC #703H)												
21,280.0	87.93	355.27	12,417.4	8,986.9	212.2	3.43	-2.14	-2.68	21.9	15.5		
21,375.0	88.95	356.06	12,420.0	9,081.6	205.0	1.36	1.07	0.83	23.9	22.2		



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #703H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3538.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 32' @ 3538.0usft
Well:	#703H	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)		
21,470.0	90.40	1.69	12,420.5	9,176.6	203.1	6.12	1.53	5.93	23.9	23.7		
21,565.0	86.66	1.25	12,422.9	9,271.5	205.6	3.96	-3.94	-0.46	25.7	20.8		
21,659.0	93.38	3.53	12,422.9	9,365.3	209.5	7.55	7.15	2.43	25.1	16.4		
21,754.0	90.70	3.62	12,419.5	9,460.1	215.4	2.82	-2.82	0.09	21.1	10.0		
21,849.0	90.13	9.42	12,418.8	9,554.4	226.2	6.13	-0.60	6.11	19.8	-1.2		
21,944.0	90.35	10.21	12,418.4	9,648.0	242.4	0.86	0.23	0.83	18.9	-17.7		
22,039.0	89.69	1.60	12,418.4	9,742.4	252.1	9.09	-0.69	-9.06	18.2	-28.1		
22,134.0	89.38	358.61	12,419.2	9,837.4	252.3	3.16	-0.33	-3.15	18.3	-28.7		
22,229.0	86.70	358.70	12,422.4	9,932.3	250.1	2.82	-2.82	0.09	21.0	-26.9		
22,324.0	88.15	358.26	12,426.7	10,027.2	247.6	1.59	1.53	-0.46	24.6	-24.9		
22,386.0	87.45	357.20	12,429.1	10,089.1	245.1	2.05	-1.13	-1.71	26.6	-22.7		
Final MWD Survey (MD=22386.0')												
22,447.0	87.45	357.20	12,431.8	10,150.0	242.1	0.00	0.00	0.00	29.0	-20.0		
Final Projection to Bit (MD=22447.0') - PBHL (Res 12 FC #703H)												

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
11,804.0	11,780.9	-206.4	236.7	KOP, MD:11804.0', TVD:11780.9',N/S:-206.4', E/W:236.7', INC:6.40	
11,922.2	11,896.0	-181.4	240.6	HL Crossing, MD:11922.2', TVD:11896.0',N/S:-181.4', E/W:240.6', INC:20.59	
22,386.0	12,429.1	10,089.1	245.1	Final MWD Survey (MD=22386.0')	
22,447.0	12,431.8	10,150.0	242.1	Final Projection to Bit (MD=22447.0')	

Checked By: _____ Approved By: _____ Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.
 Kay Maddox 04/30/2021



Lea County, NM (NAD 83 NME)

Resolute 12 Fed Com #703H

Plan #2

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

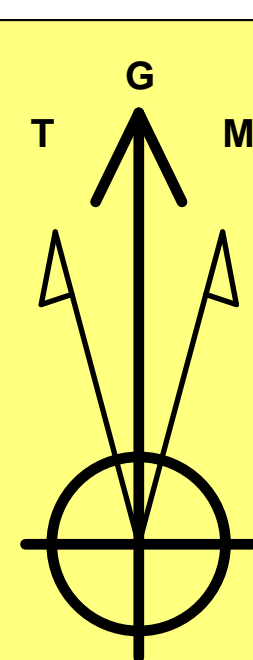
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level

WELL DETAILS: #703H

KB = 32' @ 3538.0usft
 Northing 414885.00 Easting 760535.00
 Latitude 32° 8' 19.020 N Longitude 103° 37' 30.568 W
 3506.0

Azimuths to Grid North
 True North: -0.38°
 Magnetic North: 6.27°

Magnetic Field
 Strength: 47510.5nT
 Dip Angle: 59.84°
 Date: 10/1/2020
 Model: IGRF2020



To convert a Magnetic Direction to a Grid Direction, Add 6.27°
 To convert a Magnetic Direction to a True Direction, Add 6.65° East
 To convert a True Direction to a Grid Direction, Subtract 0.38°

SECTION DETAILS

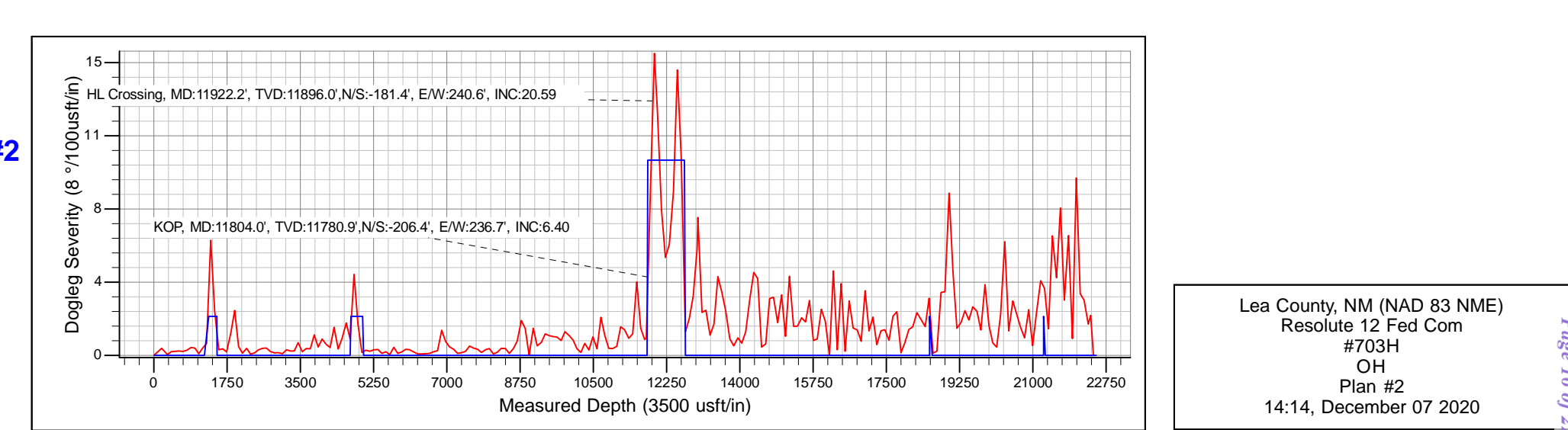
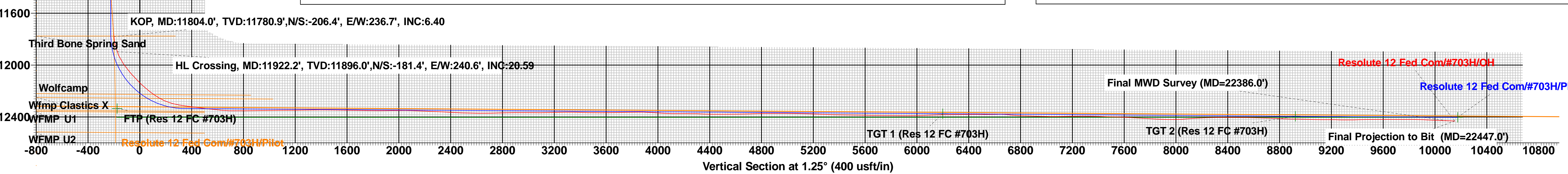
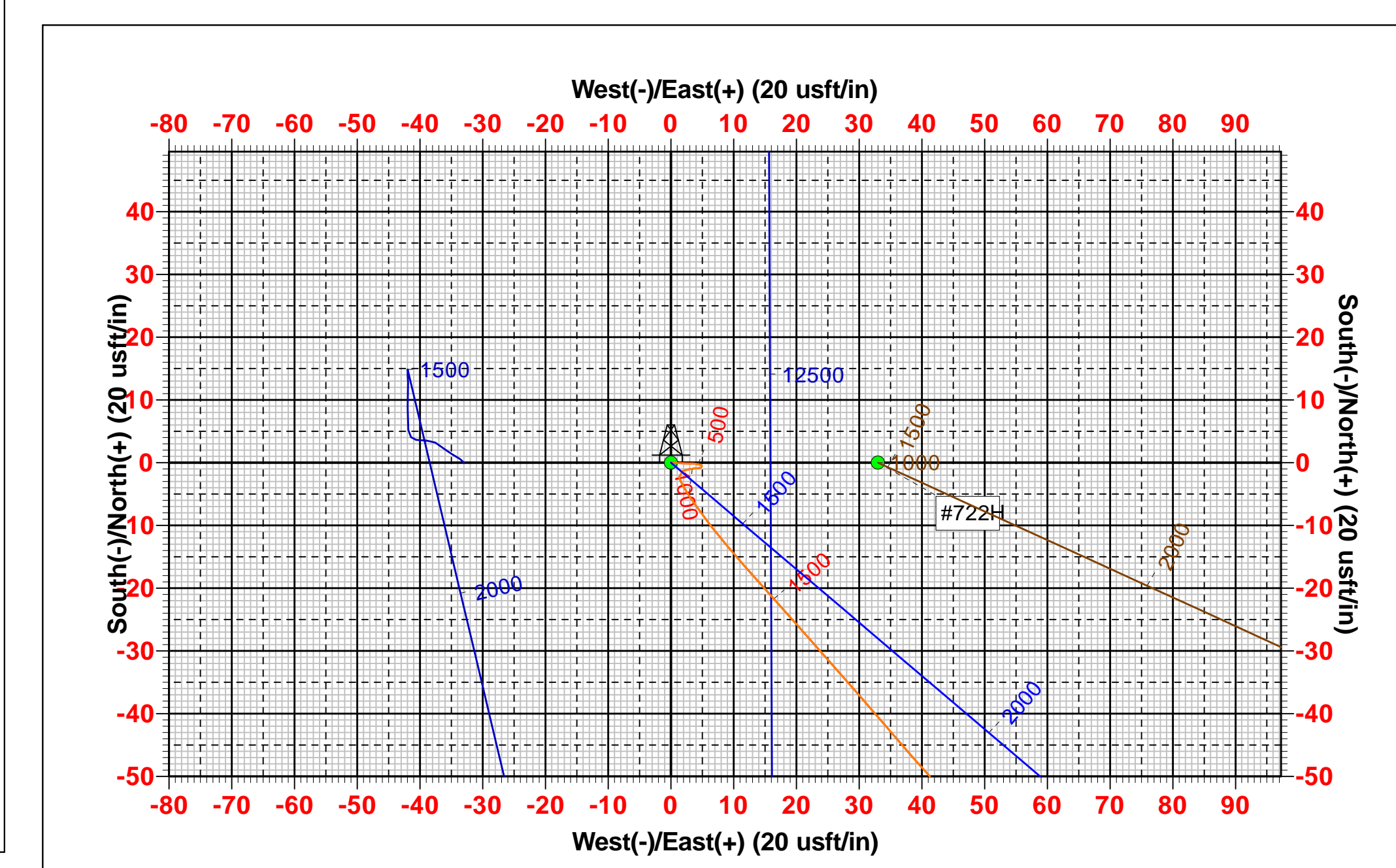
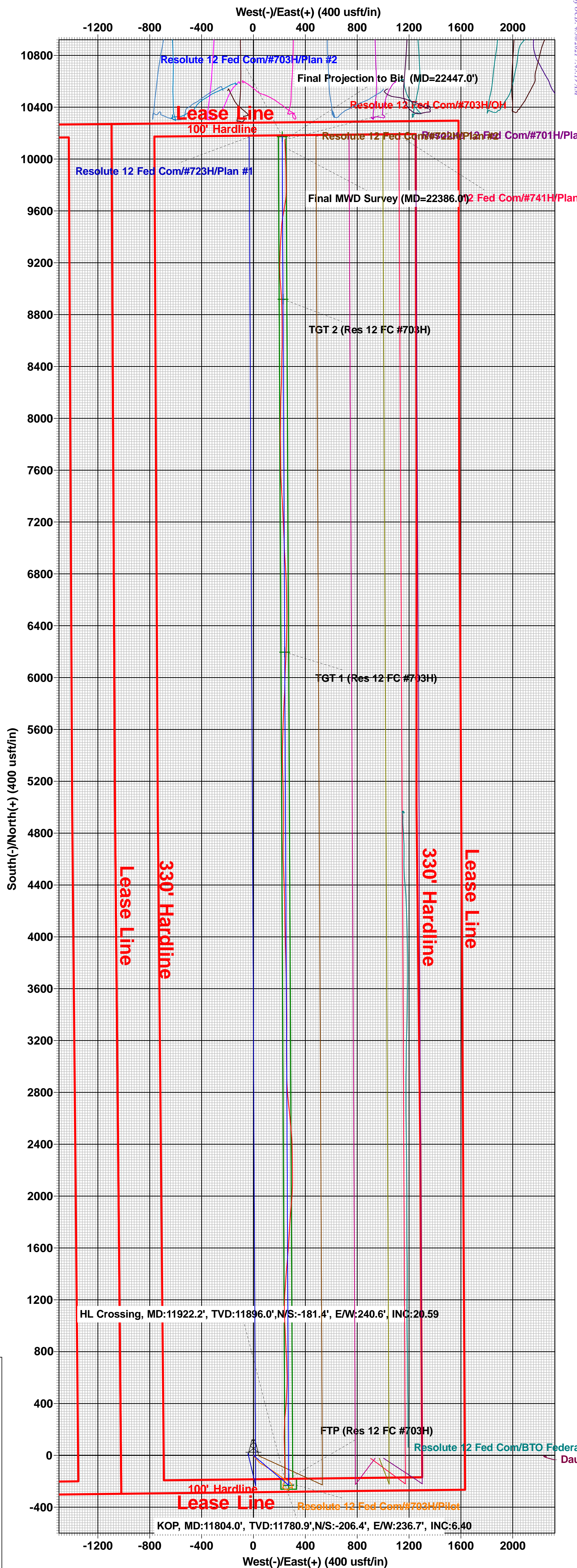
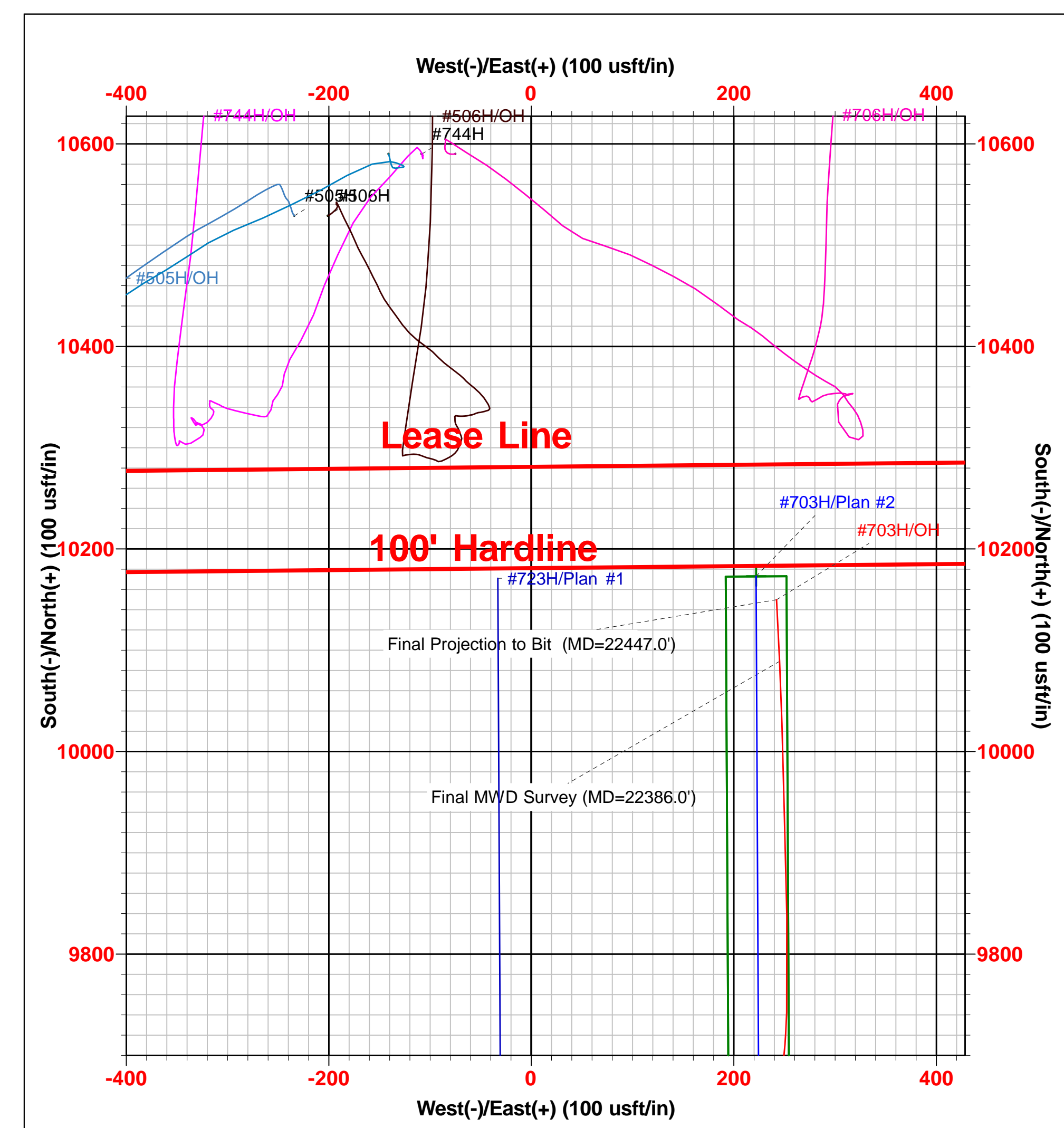
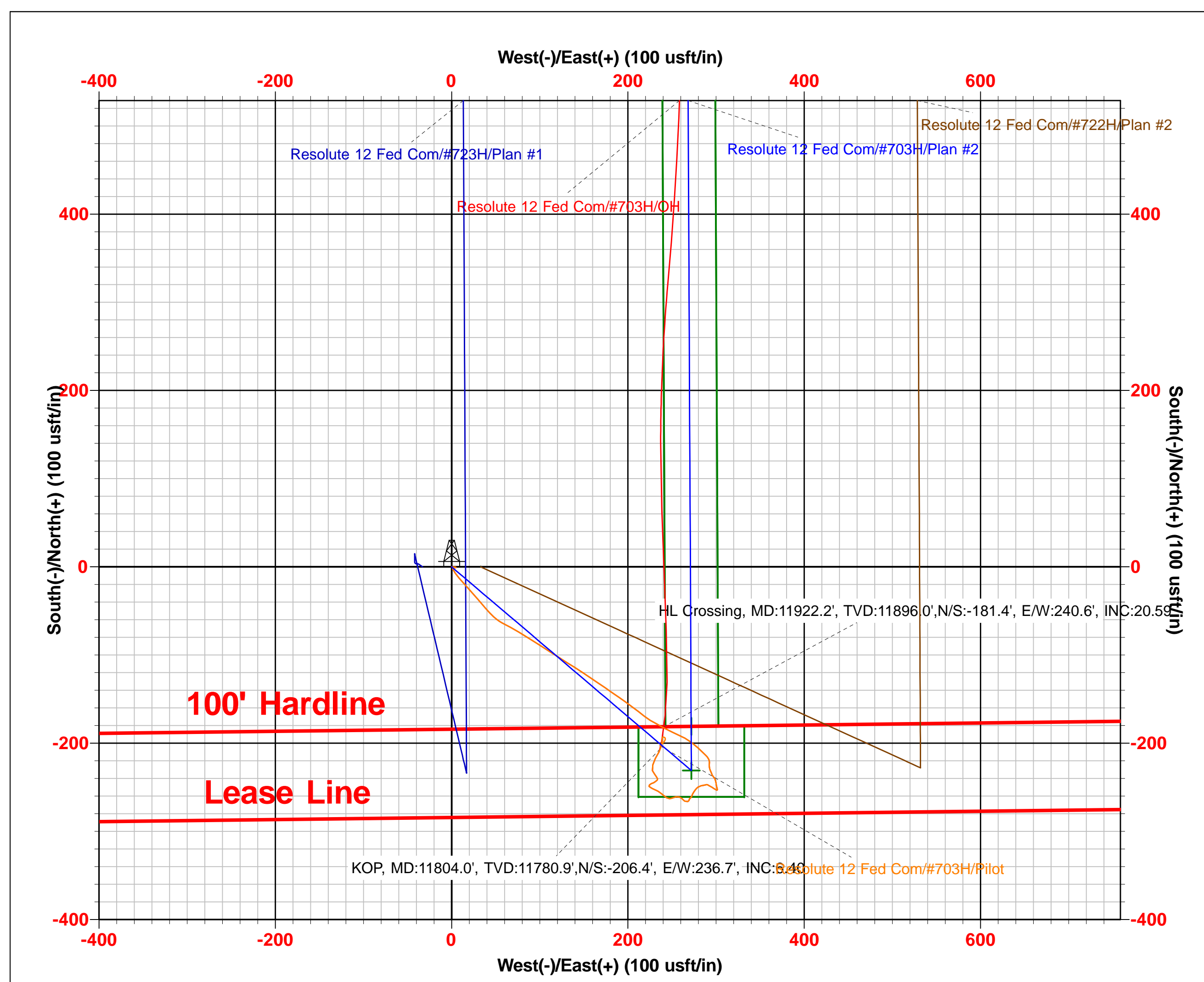
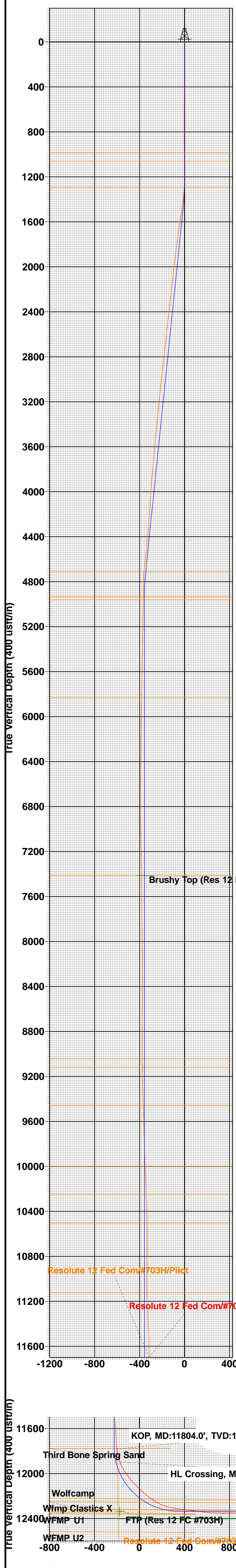
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	11779.8	0.00	0.00	11762.0	-231.0	272.0	0.00	0.00	-225.0	
2	12675.9	89.61	359.72	12334.9	338.0	269.3	10.00	359.72	343.8	
3	18534.3	89.61	359.72	12375.0	6196.2	241.1	0.00	0.00	6200.0	TGT 1 (Res 12 FC #703H)
4	18535.7	89.58	359.72	12375.0	6197.7	241.1	2.00	-180.00	6201.4	
5	21257.3	89.58	359.72	12395.0	8919.1	228.0	0.00	0.00	8922.0	TGT 2 (Res 12 FC #703H)
6	21260.0	89.63	359.72	12395.0	8919.9	228.0	2.00	0.00	8924.7	
7	22511.2	89.63	359.72	12403.0	10173.0	222.0	0.00	0.00	10175.4	PBHL (Res 12 FC #703H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top (Res 12 FC #703H)	7412.0	-231.0	272.0	414654.00	760807.00
FTP (Res 12 FC #703H)	12335.0	-181.0	272.0	414704.00	760807.00
TGT 1 (Res 12 FC #703H)	12375.0	6196.2	241.1	421081.20	760776.11
TGT 2 (Res 12 FC #703H)	12395.0	8919.1	228.0	423804.10	760763.03
PBHL (Res 12 FC #703H)	12403.0	10173.0	222.0	425058.00	760757.00



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

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: RESOLUTE 12 FED COM	Well Location: T25S / R32E / SEC 12 / SWSE / 32.1386163 / -103.6251567	County or Parish/State: LEA / NM
Well Number: 703H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM110835	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547607	Well Status: Approved Application for Permit to Drill	Operator: EOG RESOURCES INCORPORATED

Notification

Type of Submission:	Notification	Type of Action:	First Production				
Date Sundry Submitted:	Apr 29, 2021	Time Sundry Submitted:	9:47:19 AM				
First Production Date:	Apr 7, 2021	<table border="1"> <thead> <tr> <th>Wellbore Code</th> <th>Completion Code</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>X1</td> </tr> </tbody> </table>		Wellbore Code	Completion Code	00	X1
Wellbore Code	Completion Code						
00	X1						
US Well Number:	3002547607						
First Production Remarks:	12/05/2020 RIG RELEASED 01/31/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI 02/09/2021 BEGIN PERF AND FRAC 02/28/2021 FINISH 35 STAGES PERF & FRAC, 12,417 -22,421' W/ 3 1/8" 2100 SHOTS, FRAC 24,714,994 LBS PROPPANT + 375,303 BBLS LOAD FLUID 03/04/2021 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE 04/08/2021 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION						
Disposition:	Accepted						
Accepted Date:	04/29/2021						

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
		1. WELL API NO.		30-025-47607		2. Type of Lease		<input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN		
		3. State Oil & Gas Lease No.				4. Reason for filing:		5. Lease Name or Unit Agreement Name		
						<input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)		RESOLUTE 12 FEDERAL COM		
						<input type="checkbox"/> 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)		6. Well Number:		
						7. Type of Completion:		703H		
						<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				
8. Name of Operator		EOG RESOURCES INC				9. OGRID		7377		
10. Address of Operator		PO BOX 2267 MIDLAND, TEXAS 79702				11. Pool name or Wildcat		WC025 G09 S253309P; UPPER WOLFCAMP		
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	12	25S	32E		284	SOUTH	1631	EAST	LEA
BH:	B	1	25S	32E		132	NORTH	1340	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.)		3506' GL		
10/23/2020	12/04/2020	12/05/2020		04/08/2021						
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		None		
MD 22,447'		TVD 13,627'		MD 22,421' TVD 11,800'		YES				
22. Producing Interval(s), of this completion - Top, Bottom, Name		WOLFCAMP		12,417 - 22,421'						
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		40# J-55		1120'		12 1/4"		710 CL C/CIRC		
7 5/8"		29.7# HCP 110		12,680'		8 3/4"		1523 CL C & H TOC 37'		ECHO
5 1/2"		20# ECP 110		22,429'		6 3/4"		845 CL H TOC 11,228'		CBL
24. LINER RECORD										
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		
25. TUBING RECORD										
SIZE		DEPTH SET		PACKER SET						
26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
12,417 - 22,421' 3 1/8", 2100 holes				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED				
				12,417 - 22,421'		FRAC W/24,714,994 lbs proppant, 375,303 bbls load fld				
				11,800 - 13,627'		Drld pilot hole, pmp 325 sxs CL C cmt, tag toc @ 11,800'				
						top of whipstock @ 11,783'				
28. PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>)				
04/08/2021		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
04/16/2021	24	64		4029	8878	8376	2204			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
	2462					49				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)						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		Name		Title		Date				
Kay Maddox		Kay Maddox		Senior Regulatory Specialist		04/30/2021				
E-mail Address kay_maddox@eogresources.com										

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>Rustler 966'</u>	T. Canyon <u>Brushy 7441'</u>	T. Ojo Alamo	T. Penn A"
T. Salt <u>1296'</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>4724'</u>	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. <u>1st BS Sand 10,028'</u>	T. Entrada	
T. Wolfcamp <u>12,236'</u>	T. <u>2nd BS Sand 10,503'</u>	T. Wingate	
T. Penn	T. <u>3rd BS Sand 11,772'</u>	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

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 26402

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 26402
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 26402

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 26402
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/14/2021