

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 04/08/2021	
⁴ API Number 30 - 025-47829	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 741H

II. ¹⁰ Surface Location

Ul or lot no. P	Section 12	Township 25S	Range 32E	Lot Idn	Feet from the 250'	North/South Line SOUTH	Feet from the 727'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. A	Section 1	Township 25S	Range 32E	Lot Idn	Feet from the 111'	North/South line NORTH	Feet from the 438'	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 10/26/2020	²² Ready Date 04/08/2021	²³ TD 23,121'	²⁴ PBTD 23,095'	²⁵ Perforations 12,927-23,095'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12 1/4"		9 5/8"	1131'		480 SXS CL C/CIRC
8 3/4"		7 5/8"	11,703'		1528 SXS CL C&H TOC 185' ECHO
6 3/4"		5 1/2"	23,105'		1005 SXS CL H TOC 5900' CBL

V. Well Test Data

³¹ Date New Oil 04/08/2021	³² Gas Delivery Date 04/08/2021	³³ Test Date 04/15/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2582
³⁷ Choke Size 64	³⁸ Oil 2481	³⁹ Water 8874	⁴⁰ Gas 11561		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		
Printed name: Kay Maddox			Approved by: KURT SIMMONS		
Title: SENIOR REGULATORY SPECIALIST			Title: NMOCD, SANTA FE		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 07/16/2021		
Date: 04/30/2021		Phone: 432-638-8475			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 47829	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 741H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3497'

¹⁰Surface Location

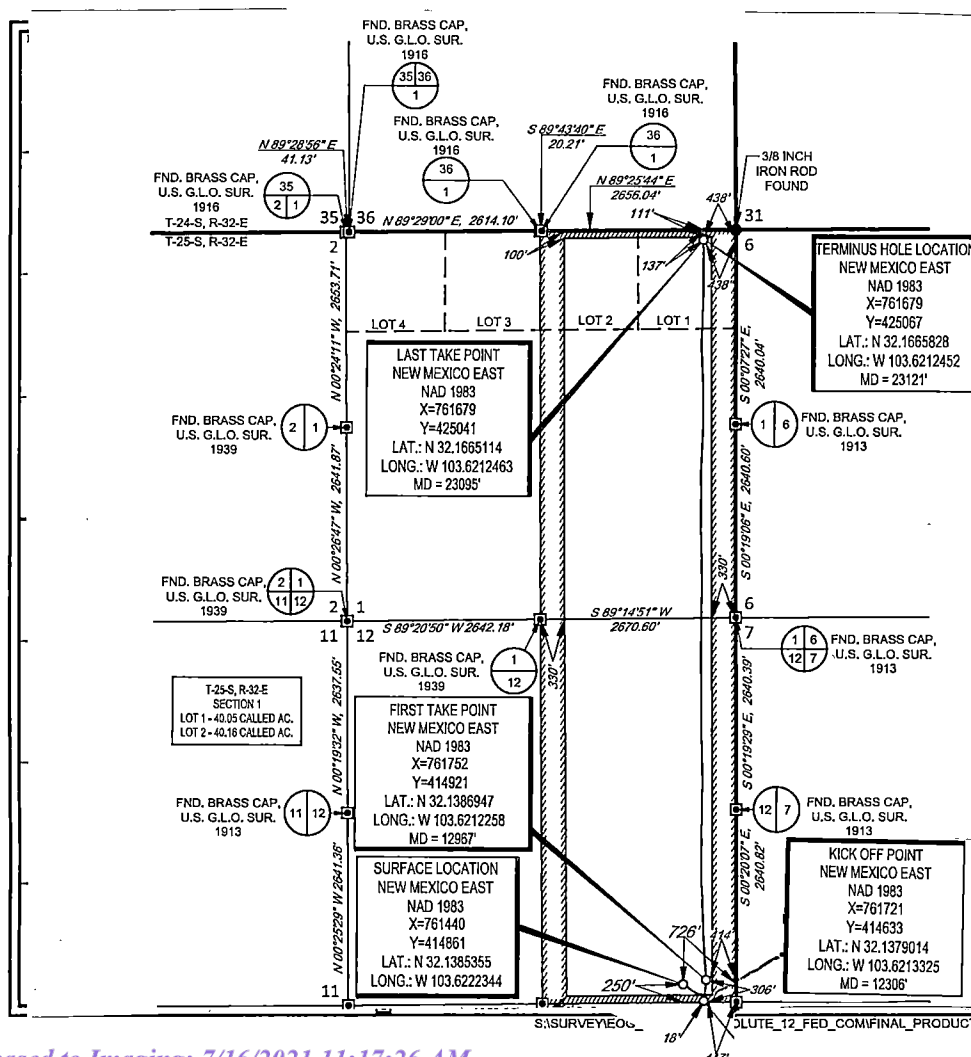
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	25-S	32-E	-	250'	SOUTH	726'	EAST	LEA

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
A	1	25-S	32-E	-	111'	NORTH	438'	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.

Kay Maddox 04/30/2021
Signature Date

KAY MADDOX

Printed Name

kay_maddox@eogresources.com

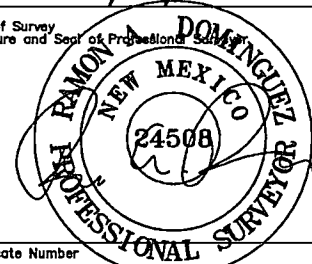
E-mail Address

¹⁸SURVEYOR CERTIFICATION

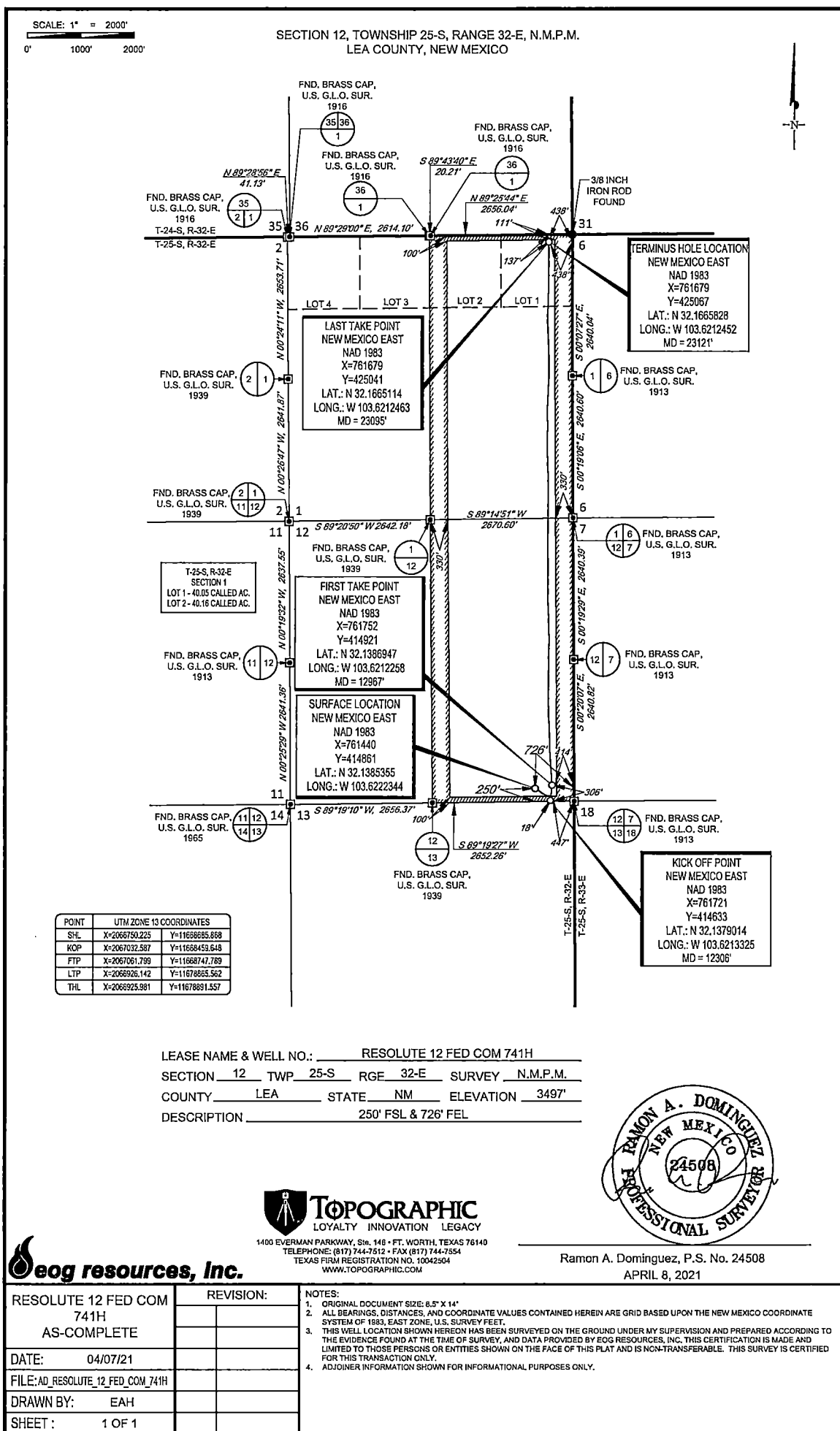
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

06/03/2020

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Resolute 12 Fed Com

#741H

OH

Design: OH

Midland PVA

29 November, 2020



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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	Resolute 12 Fed Com		
Site Position:		Northing:	414,863.00 usft
From:	Map	Easting:	761,539.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 18.736 N
		Longitude:	103° 37' 18.893 W
		Grid Convergence:	0.38 °

Well		#741H				
Well Position	+N/-S	0.0 usft	Northing:	414,861.00 usft	Latitude:	32° 8' 18.723 N
	+E/-W	0.0 usft	Easting:	761,440.00 usft	Longitude:	103° 37' 20.045 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,497.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	1/1/2021	6.62	59.83	47,484.52374930

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	1.22	

Survey Program	Date	11/29/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.0	23,121.0	Driltech MWD (OH)	EOG MWD+IFR1	MWD + IFR1	



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Well:	#741H	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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
200.0	1.06	320.56	200.0	1.4	-1.2	0.53	0.53	0.00	-1.8	0.0	
387.0	1.14	299.99	387.0	3.7	-3.9	0.21	0.04	-11.00	-5.2	-1.3	
572.0	1.49	298.94	571.9	5.8	-7.6	0.19	0.19	-0.57	-9.4	-1.4	
667.0	1.76	294.37	666.9	7.0	-10.0	0.32	0.28	-4.81	-12.0	-2.2	
762.0	1.67	290.15	761.8	8.1	-12.6	0.16	-0.09	-4.44	-14.6	-3.2	
953.0	2.11	284.35	952.7	9.9	-18.6	0.25	0.23	-3.04	-20.5	-5.0	
1,075.0	2.02	283.47	1,074.6	10.9	-22.9	0.08	-0.07	-0.72	-24.8	-5.3	
1,143.0	2.11	283.29	1,142.6	11.5	-25.3	0.13	0.13	-0.26	-27.3	-5.4	
1,238.0	1.32	256.66	1,237.6	11.7	-28.1	1.16	-0.83	-28.03	-24.6	-17.8	
1,333.0	1.58	177.82	1,332.5	10.1	-29.1	1.95	0.27	-82.99	11.2	-28.7	
1,428.0	1.32	174.57	1,427.5	7.7	-28.9	0.29	-0.27	-3.42	10.4	-28.1	
1,523.0	1.06	93.71	1,522.5	6.6	-27.9	1.64	-0.27	-85.12	28.3	4.7	
1,619.0	2.20	75.43	1,618.4	7.0	-25.3	1.29	1.19	-19.04	22.7	13.1	
1,714.0	2.11	77.01	1,713.4	7.8	-21.8	0.11	-0.09	1.66	19.5	12.5	
1,809.0	1.93	78.33	1,808.3	8.5	-18.5	0.20	-0.19	1.39	16.4	12.1	
1,904.0	1.85	74.20	1,903.3	9.3	-15.5	0.17	-0.08	-4.35	12.4	13.1	
1,999.0	2.20	69.36	1,998.2	10.3	-12.3	0.41	0.37	-5.09	7.9	14.0	
2,095.0	4.40	99.33	2,094.1	10.4	-6.9	2.84	2.29	31.22	9.9	9.8	
2,190.0	4.31	100.83	2,188.8	9.1	0.2	0.15	-0.09	1.58	7.2	11.6	
2,285.0	5.10	111.90	2,283.5	6.9	7.6	1.26	0.83	11.65	8.9	12.6	
2,380.0	5.63	117.35	2,378.0	3.2	15.6	0.77	0.56	5.74	9.4	13.4	
2,475.0	5.89	128.25	2,472.6	-2.0	23.6	1.18	0.27	11.47	10.6	12.0	
2,571.0	6.24	132.21	2,568.0	-8.6	31.3	0.57	0.36	4.12	9.6	10.7	
2,666.0	6.07	132.56	2,662.5	-15.4	38.9	0.18	-0.18	0.37	7.7	9.8	
2,761.0	5.80	134.93	2,757.0	-22.2	46.0	0.38	-0.28	2.49	6.4	8.4	
2,856.0	5.54	131.77	2,851.5	-28.7	52.8	0.43	-0.27	-3.33	4.8	7.7	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)	
2,951.0	5.54	133.00	2,946.1	-34.8	59.5	0.12	0.00	1.29	4.0	6.7	
3,046.0	5.54	133.52	3,040.6	-41.1	66.2	0.05	0.00	0.55	3.1	5.7	
3,142.0	5.54	132.03	3,136.2	-47.4	73.0	0.15	0.00	-1.55	2.0	4.8	
3,237.0	5.36	129.57	3,230.7	-53.3	79.9	0.31	-0.19	-2.59	1.1	4.2	
3,332.0	5.19	131.24	3,325.3	-59.0	86.5	0.24	-0.18	1.76	0.7	3.6	
3,427.0	4.75	126.76	3,420.0	-64.2	92.9	0.62	-0.46	-4.72	0.5	3.2	
3,523.0	4.48	128.07	3,515.7	-68.8	99.0	0.30	-0.28	1.36	1.2	3.1	
3,618.0	4.48	131.33	3,610.4	-73.6	104.7	0.27	0.00	3.43	2.2	2.5	
3,713.0	4.13	132.03	3,705.1	-78.3	110.1	0.37	-0.37	0.74	3.4	1.7	
3,808.0	4.57	120.52	3,799.8	-82.5	115.9	1.03	0.46	-12.12	4.1	2.4	
3,998.0	3.52	123.06	3,989.4	-89.6	127.3	0.56	-0.55	1.34	7.3	3.5	
4,094.0	3.17	127.37	4,085.2	-92.8	131.9	0.45	-0.36	4.49	10.4	3.0	
4,189.0	2.64	121.39	4,180.1	-95.5	135.8	0.64	-0.56	-6.29	13.4	4.5	
4,284.0	4.13	111.02	4,274.9	-97.9	140.9	1.69	1.57	-10.92	14.8	8.7	
4,379.0	5.19	117.00	4,369.6	-101.1	147.9	1.23	1.12	6.29	16.1	8.8	
4,474.0	4.48	125.61	4,464.3	-105.2	154.7	1.07	-0.75	9.06	17.6	7.0	
4,570.0	5.45	131.77	4,559.9	-110.4	161.2	1.15	1.01	6.42	18.3	4.7	
4,665.0	6.42	132.47	4,654.4	-117.0	168.5	1.02	1.02	0.74	16.7	3.6	
4,760.0	5.72	131.77	4,748.9	-123.7	175.9	0.74	-0.74	-0.74	14.9	3.0	
4,855.0	4.84	108.04	4,843.5	-128.1	183.3	2.46	-0.93	-24.98	12.0	9.4	
4,950.0	4.13	105.05	4,938.2	-130.2	190.4	0.79	-0.75	-3.15	11.8	12.8	
5,046.0	4.13	103.90	5,033.9	-132.0	197.1	0.09	0.00	-1.20	12.3	16.1	
5,141.0	4.22	100.39	5,128.7	-133.4	203.8	0.29	0.09	-3.69	11.9	20.2	
5,236.0	4.31	97.05	5,223.4	-134.5	210.8	0.28	0.09	-3.52	10.9	24.7	
5,332.0	4.40	95.20	5,319.1	-135.3	218.1	0.17	0.09	-1.93	10.0	29.3	
5,426.0	4.40	94.76	5,412.9	-135.9	225.2	0.04	0.00	-0.47	9.5	33.6	
5,521.0	4.40	88.61	5,507.6	-136.1	232.5	0.50	0.00	-6.47	5.2	39.1	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)	
5,616.0	5.01	88.96	5,602.3	-135.9	240.3	0.64	0.64	0.37	4.2	44.1	
5,712.0	5.72	101.71	5,697.8	-136.8	249.2	1.44	0.74	13.28	12.6	46.5	
5,807.0	5.98	106.37	5,792.3	-139.2	258.6	0.57	0.27	4.91	14.4	48.5	
5,902.0	5.89	109.53	5,886.8	-142.2	267.9	0.36	-0.09	3.33	13.5	49.9	
5,997.0	5.63	107.86	5,981.4	-145.3	276.9	0.33	-0.27	-1.76	5.6	51.2	
6,092.0	4.13	114.71	6,076.0	-148.1	284.5	1.69	-1.58	7.21	4.1	50.8	
6,188.0	3.69	115.50	6,171.8	-150.9	290.4	0.46	-0.46	0.82	-1.7	50.8	
6,283.0	3.61	116.90	6,266.6	-153.6	295.8	0.13	-0.08	1.47	-6.5	50.9	
6,378.0	3.78	121.82	6,361.4	-156.6	301.2	0.38	0.18	5.18	-8.2	51.5	
6,473.0	2.81	142.74	6,456.2	-160.1	305.2	1.61	-1.02	22.02	5.4	52.2	
6,568.0	0.97	197.41	6,551.2	-162.7	306.4	2.51	-1.94	57.55	43.5	27.6	
6,663.0	0.70	215.52	6,646.2	-164.0	305.8	0.39	-0.28	19.06	48.6	13.0	
6,758.0	0.44	1.41	6,741.2	-164.1	305.5	1.15	-0.27	153.57	-32.9	-37.7	
6,853.0	0.79	4.49	6,836.2	-163.0	305.6	0.37	0.37	3.24	-35.9	-35.9	
6,948.0	0.70	343.48	6,931.2	-161.8	305.4	0.30	-0.09	-22.12	-21.8	-46.6	
7,043.0	0.35	344.10	7,026.2	-161.0	305.2	0.37	-0.37	0.65	-23.2	-46.3	
7,138.0	0.26	321.78	7,121.2	-160.6	305.0	0.16	-0.09	-23.49	-4.3	-51.8	
7,233.0	0.44	296.46	7,216.2	-160.2	304.5	0.25	0.19	-26.65	17.7	-48.8	
7,328.0	0.44	299.71	7,311.2	-159.9	303.9	0.03	0.00	3.42	14.1	-49.7	
7,423.0	0.70	331.53	7,406.1	-159.2	303.3	0.42	0.27	33.49	-15.1	-49.4	
7,471.7	0.51	338.37	7,454.8	-158.7	303.1	0.41	-0.38	14.06	-21.4	-47.3	
Brushy Top(Res 12 FC #741H)											
7,518.0	0.35	351.48	7,501.1	-158.4	303.0	0.41	-0.35	28.29	-31.9	-41.1	
7,708.0	0.18	90.36	7,691.1	-157.8	303.2	0.22	-0.09	52.04	-35.9	38.4	
7,803.0	0.26	115.94	7,786.1	-157.9	303.5	0.13	0.08	26.93	-16.2	50.2	
7,899.0	0.44	183.44	7,882.1	-158.4	303.7	0.43	0.19	70.31	39.8	34.4	
7,994.0	0.79	163.40	7,977.1	-159.4	303.9	0.43	0.37	-21.09	24.6	45.8	



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Resolute 12 Fed Com
Well: #741H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #741H
TVD Reference: KB = 26' @ 3523.0usft
MD Reference: KB = 26' @ 3523.0usft
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)
8,089.0	0.79	184.40	8,072.1	-160.6	304.0	0.30	0.00	22.11	38.1	34.2
8,184.0	0.79	176.67	8,167.1	-162.0	304.0	0.11	0.00	-8.14	31.8	38.9
8,279.0	0.88	175.44	8,262.1	-163.3	304.1	0.10	0.09	-1.29	29.6	39.6
8,374.0	1.06	192.58	8,357.1	-164.9	303.9	0.36	0.19	18.04	38.4	29.3
8,469.0	1.23	194.60	8,452.1	-166.8	303.5	0.18	0.18	2.13	37.5	28.0
8,564.0	1.23	197.06	8,547.1	-168.7	302.9	0.06	0.00	2.59	36.6	26.4
8,659.0	1.49	193.63	8,642.0	-170.9	302.4	0.29	0.27	-3.61	32.7	28.5
8,754.0	1.49	199.87	8,737.0	-173.3	301.6	0.17	0.00	6.57	33.2	24.9
8,849.0	1.41	222.90	8,832.0	-175.3	300.4	0.61	-0.08	24.24	37.9	10.4
8,945.0	1.41	214.02	8,927.9	-177.1	299.0	0.23	0.00	-9.25	33.5	15.9
9,040.0	1.41	221.23	9,022.9	-179.0	297.5	0.19	0.00	7.59	32.9	11.7
9,135.0	1.32	231.07	9,117.9	-180.5	295.9	0.26	-0.09	10.36	32.2	6.1
9,230.0	0.88	211.74	9,212.9	-181.8	294.7	0.60	-0.46	-20.35	26.6	16.1
9,325.0	1.06	219.12	9,307.8	-183.2	293.7	0.23	0.19	7.77	26.8	12.6
9,421.0	1.14	237.14	9,403.8	-184.4	292.4	0.37	0.08	18.77	27.6	4.0
9,516.0	1.58	222.11	9,498.8	-185.8	290.7	0.59	0.46	-15.82	23.4	10.8
9,611.0	1.76	217.27	9,593.8	-188.0	288.9	0.24	0.19	-5.09	19.7	12.6
9,706.0	1.67	221.05	9,688.7	-190.2	287.2	0.15	-0.09	3.98	17.6	11.4
9,896.0	0.88	222.11	9,878.7	-193.3	284.4	0.42	-0.42	0.56	13.6	11.1
9,991.0	0.88	164.54	9,973.7	-194.6	284.1	0.89	0.00	-60.60	-3.2	16.8
10,086.0	0.97	149.42	10,068.7	-196.0	284.7	0.27	0.09	-15.92	-9.0	15.2
10,181.0	0.18	146.08	10,163.6	-196.8	285.2	0.83	-0.83	-3.52	-10.8	14.6
10,276.0	0.62	16.18	10,258.6	-196.4	285.4	0.79	0.46	-136.74	-4.7	-17.8
10,371.0	0.79	12.66	10,353.6	-195.3	285.7	0.18	0.18	-3.71	-4.8	-18.1
10,466.0	0.70	42.90	10,448.6	-194.2	286.2	0.42	-0.09	31.83	-14.4	-12.9
10,656.0	1.41	138.70	10,638.6	-195.1	288.5	0.86	0.37	50.42	-13.6	16.8
10,751.0	2.02	154.87	10,733.6	-197.5	290.0	0.81	0.64	17.02	-11.2	20.2



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)
10,941.0	0.88	156.19	10,923.5	-201.9	292.0	0.60	-0.60	0.69	-15.5	20.5
11,036.0	1.49	185.72	11,018.5	-203.8	292.2	0.89	0.64	31.08	-5.2	25.9
11,131.0	1.23	191.61	11,113.5	-206.0	291.9	0.31	-0.27	6.20	-4.8	26.4
11,225.0	1.58	199.70	11,207.4	-208.2	291.2	0.43	0.37	8.61	-3.3	26.9
11,320.0	2.37	220.88	11,302.4	-211.0	289.5	1.12	0.83	22.29	3.4	26.8
11,415.0	2.46	214.81	11,397.3	-214.1	287.1	0.29	0.09	-6.39	-3.4	26.8
11,510.0	2.46	203.39	11,492.2	-217.7	285.1	0.52	0.00	-12.02	-12.7	25.2
11,605.0	3.52	204.27	11,587.1	-222.2	283.1	1.12	1.12	0.93	-17.2	25.4
11,802.0	2.81	193.37	11,783.8	-232.4	279.5	0.47	-0.36	-5.53	-32.5	20.6
11,819.0	2.64	189.15	11,800.7	-233.2	279.3	1.55	-1.00	-24.82	-34.8	18.1
11,919.0	1.06	6.42	11,900.7	-234.5	279.1	3.70	-1.58	177.27	37.0	-16.3
12,015.0	1.14	7.83	11,996.7	-232.7	279.3	0.09	0.08	1.47	34.7	-17.2
12,110.0	0.88	6.42	12,091.7	-231.1	279.5	0.27	-0.27	-1.48	33.4	-16.3
12,205.0	0.79	35.78	12,186.7	-229.8	280.0	0.45	-0.09	30.91	19.8	-30.3
12,300.0	0.62	37.36	12,281.7	-228.9	280.7	0.18	-0.18	1.66	17.8	-30.8
12,306.0	0.69	27.51	12,287.7	-228.8	280.7	2.21	1.17	-164.13	22.8	-27.3
KOP, MD:12306.0', TVD:12287.7', N/S:-228.8', E/W:280.7', INC:0.69										
12,350.0	1.49	356.05	12,331.7	-228.0	280.8	2.21	1.82	-71.50	32.9	-11.5
12,395.0	2.81	345.59	12,376.6	-226.3	280.5	3.05	2.93	-23.24	33.9	-5.2
12,490.0	7.47	350.43	12,471.2	-218.0	278.9	4.92	4.91	5.09	39.7	-5.6
12,585.0	9.32	356.05	12,565.2	-204.2	277.3	2.13	1.95	5.92	57.4	-7.2
12,673.0	25.24	9.50	12,649.0	-178.4	279.9	18.54	18.09	15.28	72.6	-23.8
12,720.0	37.48	12.57	12,689.0	-154.5	284.7	26.26	26.04	6.53	75.3	-31.4
12,733.5	40.95	13.20	12,699.5	-146.2	286.6	25.85	25.68	4.63	75.0	-33.6
FTP Crossing, MD:12733.5', TVD:12699.5', N/S:-146.2', E/W:286.6', INC:40.95										
12,775.0	51.62	14.68	12,728.1	-117.1	293.9	25.85	25.72	3.58	71.0	-40.9



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)	
12,795.0	56.01	13.01	12,740.0	-101.5	297.7	22.96	21.95	-8.35	68.8	-42.3	
FTP(Res 12 FC #741H)											
12,818.0	61.82	10.46	12,751.8	-82.2	301.7	26.98	25.26	-11.09	65.3	-43.7	
12,872.0	74.39	4.49	12,771.9	-32.6	308.1	25.43	23.28	-11.06	51.6	-45.6	
12,967.0	76.50	0.18	12,795.8	59.2	311.8	4.92	2.22	-4.54	26.9	-46.4	
13,007.0	80.64	357.37	12,803.7	98.4	311.0	12.43	10.35	-7.02	18.9	-45.4	
13,061.0	83.54	355.70	12,811.2	151.8	307.7	6.18	5.37	-3.09	9.1	-42.4	
13,156.0	87.14	355.17	12,818.9	246.2	300.2	3.83	3.79	-0.56	0.4	-35.3	
13,251.0	88.46	355.44	12,822.5	340.8	292.4	1.42	1.39	0.28	2.4	-28.0	
13,346.0	89.43	356.58	12,824.3	435.5	285.8	1.58	1.02	1.20	3.8	-21.9	
13,441.0	90.92	356.32	12,824.0	530.3	279.9	1.59	1.57	-0.27	3.2	-16.4	
13,536.0	91.89	358.16	12,821.7	625.2	275.4	2.19	1.02	1.94	0.5	-12.3	
13,631.0	88.99	358.25	12,820.9	720.1	272.4	3.05	-3.05	0.09	-0.5	-9.8	
13,726.0	90.57	358.60	12,821.3	815.1	269.8	1.70	1.66	0.37	-0.5	-7.6	
13,821.0	89.78	358.69	12,821.0	910.1	267.5	0.84	-0.83	0.09	-1.1	-5.9	
13,916.0	89.69	357.55	12,821.5	1,005.0	264.4	1.20	-0.09	-1.20	-1.0	-3.2	
14,011.0	89.43	357.72	12,822.2	1,099.9	260.5	0.33	-0.27	0.18	-0.6	0.3	
14,106.0	89.16	357.02	12,823.4	1,194.8	256.1	0.79	-0.28	-0.74	0.2	4.2	
14,201.0	87.93	357.20	12,825.8	1,289.7	251.4	1.31	-1.29	0.19	2.3	8.5	
14,296.0	88.46	357.02	12,828.8	1,384.5	246.6	0.59	0.56	-0.19	4.9	12.8	
14,391.0	89.08	358.60	12,830.8	1,479.4	242.9	1.79	0.65	1.66	6.7	16.0	
14,486.0	89.96	359.48	12,831.6	1,574.4	241.3	1.31	0.93	0.93	7.1	17.1	
14,581.0	90.84	0.27	12,830.9	1,669.4	241.1	1.24	0.93	0.83	6.1	16.9	
14,676.0	89.96	359.83	12,830.3	1,764.4	241.2	1.04	-0.93	-0.46	5.1	16.4	
14,771.0	90.92	0.54	12,829.5	1,859.4	241.5	1.26	1.01	0.75	4.1	15.6	
14,866.0	91.01	359.74	12,827.9	1,954.4	241.8	0.85	0.09	-0.84	2.2	14.9	
14,961.0	92.42	359.22	12,825.1	2,049.3	240.9	1.58	1.48	-0.55	-1.0	15.3	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)	
15,056.0	91.28	0.80	12,822.0	2,144.3	240.9	2.05	-1.20	1.66	-4.4	14.8	
15,151.0	90.40	0.71	12,820.6	2,239.2	242.2	0.93	-0.93	-0.09	-6.1	13.1	
15,246.0	89.43	0.97	12,820.8	2,334.2	243.6	1.06	-1.02	0.27	-6.3	11.3	
15,341.0	89.34	0.45	12,821.8	2,429.2	244.7	0.56	-0.09	-0.55	-5.6	9.6	
15,436.0	89.34	1.94	12,822.9	2,524.2	246.7	1.57	0.00	1.57	-4.9	7.2	
15,507.2	90.85	2.13	12,822.8	2,595.3	249.3	2.14	2.13	0.27	-5.2	4.3	
TGT#1(Res 12 FC #741H)											
15,531.0	91.36	2.20	12,822.3	2,619.1	250.2	2.14	2.13	0.27	-5.8	3.3	
15,626.0	90.84	2.03	12,820.5	2,714.0	253.7	0.58	-0.55	-0.18	-8.1	-0.6	
15,721.0	86.26	358.51	12,822.9	2,809.0	254.1	6.08	-4.82	-3.71	-6.2	-1.6	
15,836.0	88.20	358.51	12,828.4	2,923.8	251.1	1.69	1.69	0.00	-1.3	0.9	
15,911.0	88.46	358.34	12,830.6	2,998.7	249.1	0.41	0.35	-0.23	0.5	2.6	
16,006.0	87.67	358.34	12,833.8	3,093.6	246.3	0.83	-0.83	0.00	3.2	4.9	
16,101.0	87.14	357.46	12,838.1	3,188.5	242.8	1.08	-0.56	-0.93	7.0	7.9	
16,196.0	88.90	358.34	12,841.4	3,283.3	239.4	2.07	1.85	0.93	9.8	10.9	
16,291.0	90.92	359.04	12,841.6	3,378.3	237.2	2.25	2.13	0.74	9.5	12.6	
16,386.0	90.57	358.34	12,840.3	3,473.3	235.0	0.82	-0.37	-0.74	7.8	14.4	
16,481.0	92.42	359.74	12,837.9	3,568.2	233.4	2.44	1.95	1.47	4.8	15.5	
16,576.0	92.42	359.48	12,833.8	3,663.1	232.8	0.27	0.00	-0.27	0.3	15.7	
16,671.0	90.75	0.71	12,831.2	3,758.1	232.9	2.18	-1.76	1.29	-2.8	15.1	
16,767.0	90.31	359.22	12,830.3	3,854.1	232.9	1.62	-0.46	-1.55	-4.2	14.7	
16,862.0	91.28	359.83	12,829.0	3,949.1	232.1	1.21	1.02	0.64	-6.0	15.0	
16,957.0	89.16	0.10	12,828.6	4,044.1	232.0	2.25	-2.23	0.28	-6.9	14.6	
17,052.0	87.76	358.95	12,831.2	4,139.0	231.2	1.91	-1.47	-1.21	-4.8	14.9	
17,147.0	87.58	358.51	12,835.1	4,233.9	229.1	0.50	-0.19	-0.46	-1.5	16.6	
17,242.0	89.87	359.22	12,837.2	4,328.9	227.3	2.52	2.41	0.75	0.1	18.0	
17,336.0	90.40	358.69	12,837.0	4,422.9	225.5	0.80	0.56	-0.56	-0.6	19.3	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)	
17,428.9	90.83	0.92	12,836.0	4,515.7	225.2	2.44	0.46	2.40	-2.0	19.1	
TGT#2(Res 12 FC #741H)											
17,431.0	90.84	0.97	12,835.9	4,517.8	225.3	2.44	0.46	2.40	-2.1	19.1	
17,526.0	91.54	0.45	12,834.0	4,612.8	226.4	0.92	0.74	-0.55	-4.8	17.4	
17,621.0	90.92	1.59	12,831.9	4,707.8	228.1	1.37	-0.65	1.20	-7.5	15.3	
17,716.0	89.25	1.06	12,831.8	4,802.7	230.3	1.84	-1.76	-0.56	-8.3	12.7	
17,811.0	89.16	0.80	12,833.1	4,897.7	231.9	0.29	-0.09	-0.27	-7.7	10.7	
17,907.0	88.46	0.27	12,835.1	4,993.7	232.8	0.91	-0.73	-0.55	-6.5	9.3	
17,945.9	88.42	0.34	12,836.1	5,032.6	233.0	0.21	-0.09	0.19	-5.7	8.9	
FED PP(Res 12 FC #741H)											
18,002.0	88.37	0.45	12,837.7	5,088.7	233.4	0.21	-0.09	0.19	-4.5	8.2	
18,097.0	88.81	0.36	12,840.1	5,183.6	234.0	0.47	0.46	-0.09	-2.9	7.1	
18,191.0	90.31	0.45	12,840.8	5,277.6	234.7	1.60	1.60	0.10	-2.9	6.0	
18,286.0	90.66	0.44	12,840.0	5,372.6	235.4	0.37	0.37	-0.01	-4.4	4.8	
18,381.0	91.01	359.92	12,838.6	5,467.6	235.7	0.66	0.37	-0.55	-6.5	4.0	
18,476.0	90.84	0.09	12,837.1	5,562.6	235.7	0.25	-0.18	0.18	-8.7	3.6	
18,571.0	87.14	358.07	12,838.7	5,657.5	234.2	4.44	-3.89	-2.13	-7.7	4.6	
18,666.0	88.64	358.60	12,842.2	5,752.4	231.5	1.67	1.58	0.56	-5.0	6.9	
18,761.0	87.85	358.60	12,845.1	5,847.4	229.1	0.83	-0.83	0.00	-2.8	8.8	
18,856.0	89.78	358.42	12,847.1	5,942.3	226.7	2.04	2.03	-0.19	-1.5	10.8	
18,951.0	89.96	359.04	12,847.3	6,037.3	224.6	0.68	0.19	0.65	-2.0	12.5	
19,046.0	89.52	358.77	12,847.7	6,132.3	222.7	0.54	-0.46	-0.28	-2.3	13.8	
19,141.0	88.81	358.33	12,849.1	6,227.2	220.3	0.88	-0.75	-0.46	-1.6	15.8	
19,236.0	90.04	0.71	12,850.1	6,322.2	219.5	2.82	1.29	2.51	-1.3	16.1	
19,331.0	88.29	0.62	12,851.5	6,417.2	220.6	1.84	-1.84	-0.09	-0.6	14.6	
19,425.0	88.02	0.00	12,854.5	6,511.1	221.2	0.72	-0.29	-0.66	1.7	13.6	
19,521.0	91.36	0.36	12,855.0	6,607.1	221.5	3.50	3.48	0.37	1.5	12.8	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)
19,616.0	92.15	0.71	12,852.1	6,702.1	222.3	0.91	0.83	0.37	-2.1	11.5
19,711.0	91.01	0.09	12,849.5	6,797.0	223.0	1.37	-1.20	-0.65	-5.4	10.4
19,806.0	87.05	357.63	12,851.1	6,892.0	221.1	4.91	-4.17	-2.59	-4.6	11.8
19,901.0	90.75	0.27	12,852.9	6,986.9	219.4	4.78	3.89	2.78	-3.4	13.1
19,996.0	91.19	1.23	12,851.3	7,081.9	220.6	1.11	0.46	1.01	-5.7	11.4
20,091.0	92.68	2.20	12,848.1	7,176.8	223.5	1.87	1.57	1.02	-9.7	8.1
20,186.0	87.93	2.11	12,847.6	7,271.7	227.0	5.00	-5.00	-0.09	-10.9	4.1
20,281.0	88.29	2.90	12,850.7	7,366.5	231.2	0.91	0.38	0.83	-8.4	-0.5
20,376.0	85.82	3.17	12,855.6	7,461.3	236.2	2.62	-2.60	0.28	-4.3	-6.0
20,471.0	86.09	3.17	12,862.3	7,555.9	241.4	0.28	0.28	0.00	1.7	-11.7
20,565.0	88.29	2.03	12,866.9	7,649.7	245.7	2.64	2.34	-1.21	5.6	-16.4
20,660.0	88.99	359.92	12,869.2	7,744.6	247.3	2.34	0.74	-2.22	7.2	-18.5
20,755.0	88.46	359.12	12,871.3	7,839.6	246.5	1.01	-0.56	-0.84	8.6	-18.2
20,850.0	89.16	359.21	12,873.3	7,934.6	245.1	0.74	0.74	0.09	9.9	-17.2
20,944.0	89.87	358.86	12,874.1	8,028.6	243.6	0.84	0.76	-0.37	10.0	-16.1
21,039.0	88.90	358.42	12,875.1	8,123.5	241.3	1.12	-1.02	-0.46	10.3	-14.3
21,134.0	89.43	358.69	12,876.5	8,218.5	238.9	0.63	0.56	0.28	11.0	-12.4
21,229.0	88.55	357.54	12,878.1	8,313.4	235.8	1.52	-0.93	-1.21	12.0	-9.7
21,324.0	88.72	357.72	12,880.4	8,408.3	231.9	0.26	0.18	0.19	13.5	-6.2
21,426.0	89.69	357.37	12,881.8	8,510.2	227.5	1.01	0.95	-0.34	14.2	-2.3
21,473.2	90.35	357.15	12,881.8	8,557.3	225.2	1.46	1.39	-0.46	13.8	-0.3
TGT#3(Res 12 FC #741H)										
21,521.0	91.01	356.93	12,881.2	8,605.1	222.8	1.46	1.39	-0.46	12.8	1.9
21,616.0	86.70	359.04	12,883.1	8,700.0	219.4	5.05	-4.54	2.22	13.8	4.8
21,711.0	89.08	1.41	12,886.6	8,794.9	219.8	3.53	2.51	2.49	16.5	4.0
21,807.0	88.55	1.50	12,888.6	8,890.8	222.2	0.56	-0.55	0.09	17.6	1.1
21,901.0	89.60	2.99	12,890.1	8,984.8	225.9	1.94	1.12	1.59	18.2	-3.1



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #741H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3523.0usft
Site:	Resolute 12 Fed Com	MD Reference:	KB = 26' @ 3523.0usft
Well:	#741H	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)	
21,996.0	90.31	3.08	12,890.2	9,079.6	230.9	0.75	0.75	0.09	17.5	-8.5	
22,091.0	92.33	1.32	12,888.0	9,174.5	234.6	2.82	2.13	-1.85	14.4	-12.6	
22,186.0	93.12	1.67	12,883.5	9,269.4	237.1	0.91	0.83	0.37	9.0	-15.6	
22,281.0	91.54	0.53	12,879.6	9,364.3	238.9	2.05	-1.66	-1.20	4.3	-17.8	
22,376.0	91.80	1.06	12,876.9	9,459.2	240.2	0.62	0.27	0.56	0.7	-19.6	
22,471.0	89.69	359.56	12,875.6	9,554.2	240.7	2.72	-2.22	-1.58	-1.4	-20.6	
22,566.0	89.69	0.00	12,876.1	9,649.2	240.4	0.46	0.00	0.46	-1.8	-20.7	
22,661.0	91.45	0.62	12,875.2	9,744.2	240.9	1.96	1.85	0.65	-3.6	-21.7	
22,756.0	90.48	359.56	12,873.6	9,839.2	241.0	1.51	-1.02	-1.12	-6.1	-22.3	
22,851.0	90.66	359.30	12,872.7	9,934.2	240.1	0.33	0.19	-0.27	-7.9	-21.8	
22,947.0	90.22	359.04	12,871.9	10,030.2	238.7	0.53	-0.46	-0.27	-9.5	-20.8	
23,041.0	91.54	0.36	12,870.5	10,124.1	238.2	1.99	1.40	1.40	-11.8	-20.8	
Last MWD Survey (MD=23041.0')											
23,121.0	91.54	0.36	12,868.3	10,204.1	238.7	0.00	0.00	0.00	-14.6	-21.7	
Projection to Bit (MD=23121.0') - PBHL(Res 12 FC #741H)											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,306.0	12,287.7	-228.8	280.7	KOP, MD:12306.0', TVD:12287.7', N/S:-228.8', E/W:280.7', INC:0.69
12,733.5	12,699.5	-146.2	286.6	FTP Crossing, MD:12733.5', TVD:12699.5', N/S:-146.2', E/W:286.6', INC:40.95
23,041.0	12,870.5	10,124.1	238.2	Last MWD Survey (MD=23041.0')
23,121.0	12,868.3	10,204.1	238.7	Projection to Bit (MD=23121.0')

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 #741H

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: #741H

KB = 26' @ 3523.0usft 3497.0
Northing 414861.00 Easting 761440.00 Latitude 32° 8' 18.723 N Longitude 103° 37' 20.045 W

Azimuths to Grid North
True North: -0.38°
Magnetic North: 6.24°

Magnetic Field
Strength: 47484.5nT
Dip Angle: 59.83°
Date: 1/1/2021
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.24°
To convert a Magnetic Direction to a True Direction, Add 6.62° East
To convert a True Direction to a Grid Direction, Subtract 0.38°

SECTION DETAILS

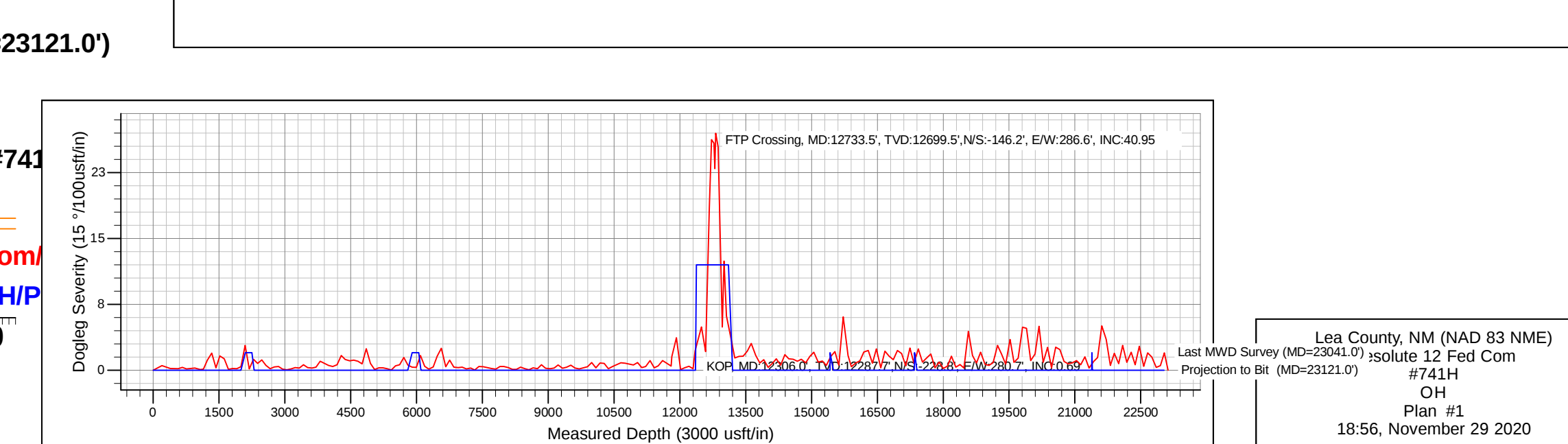
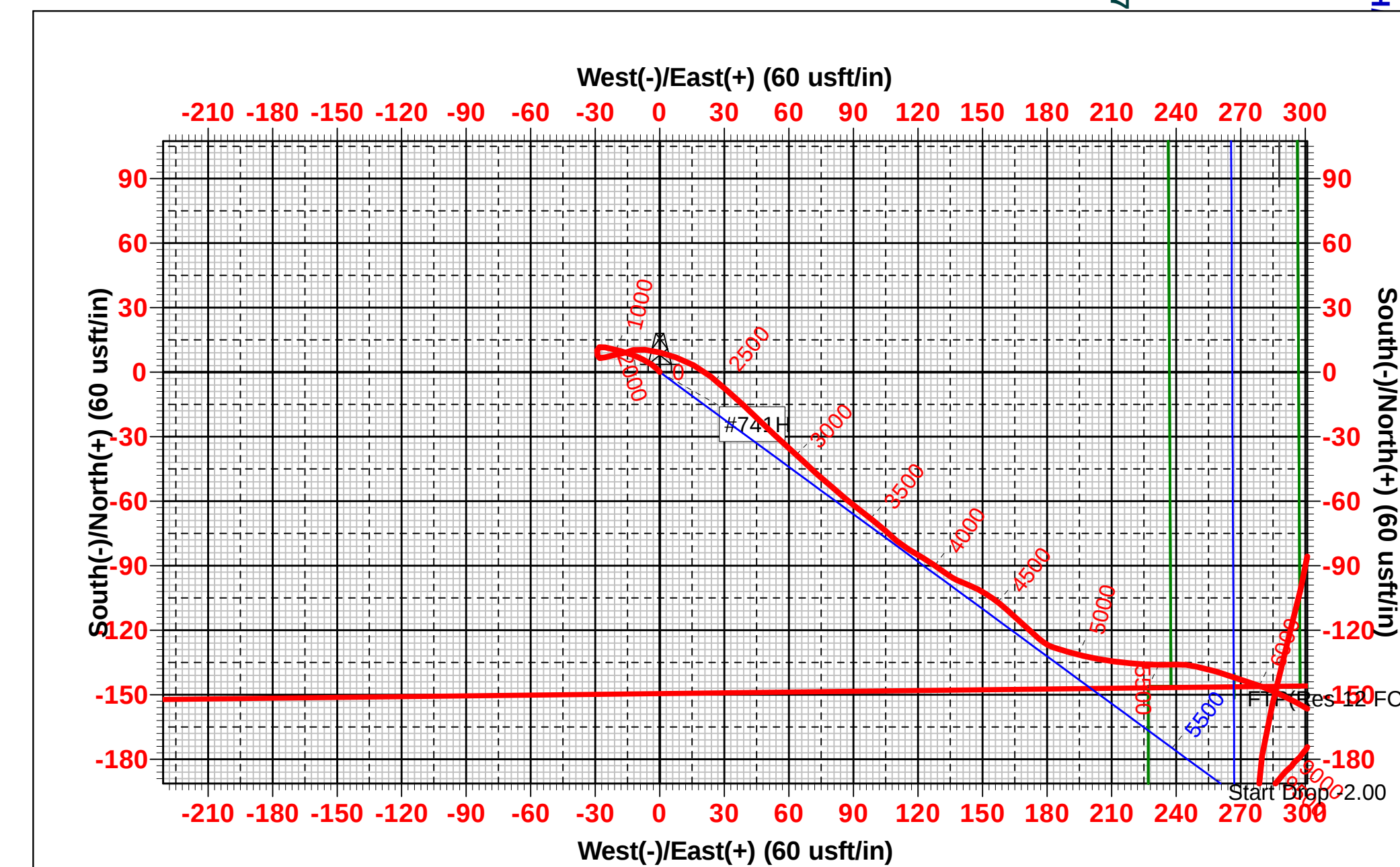
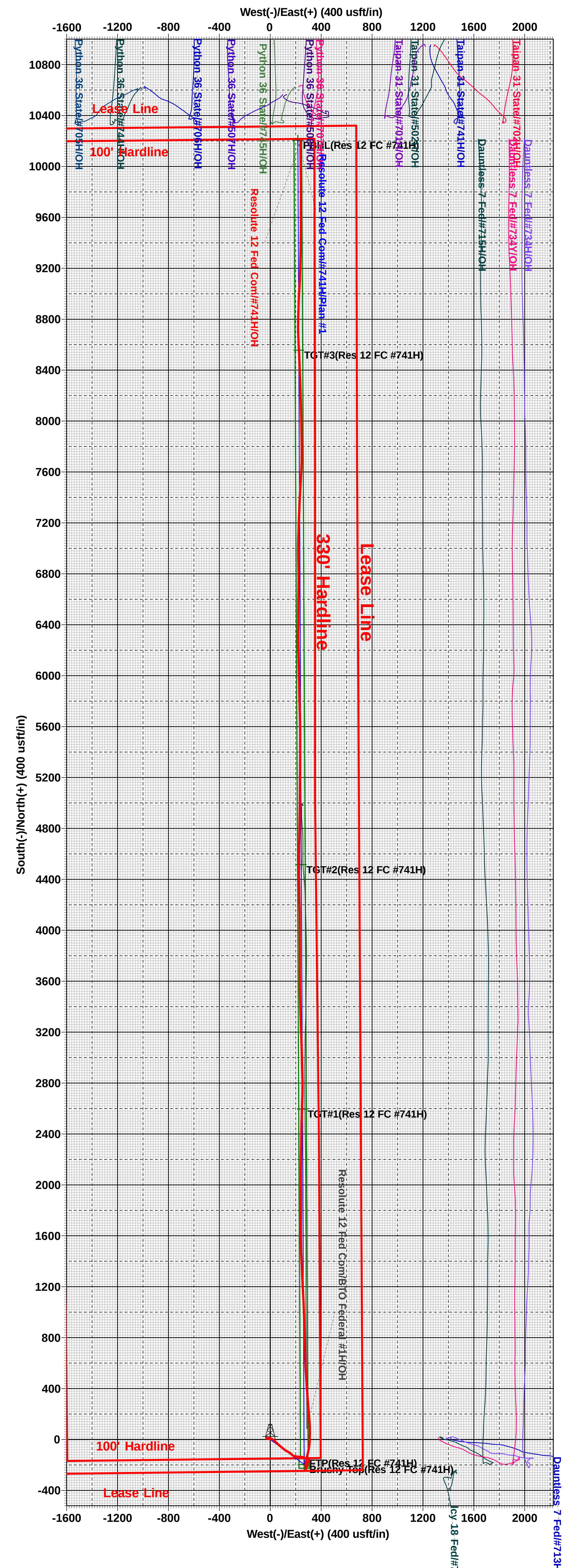
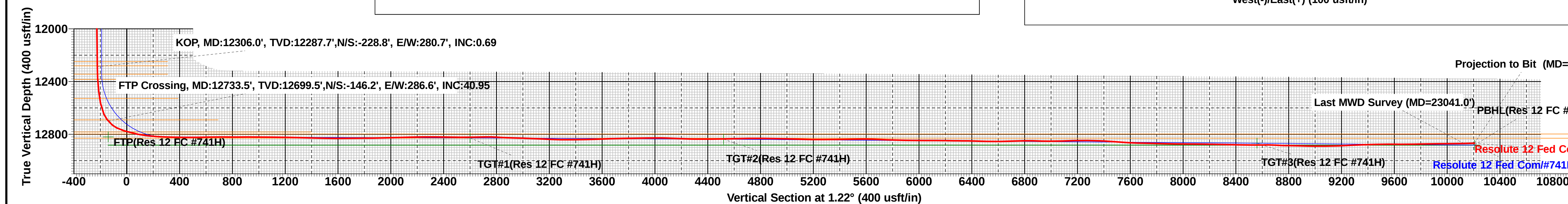
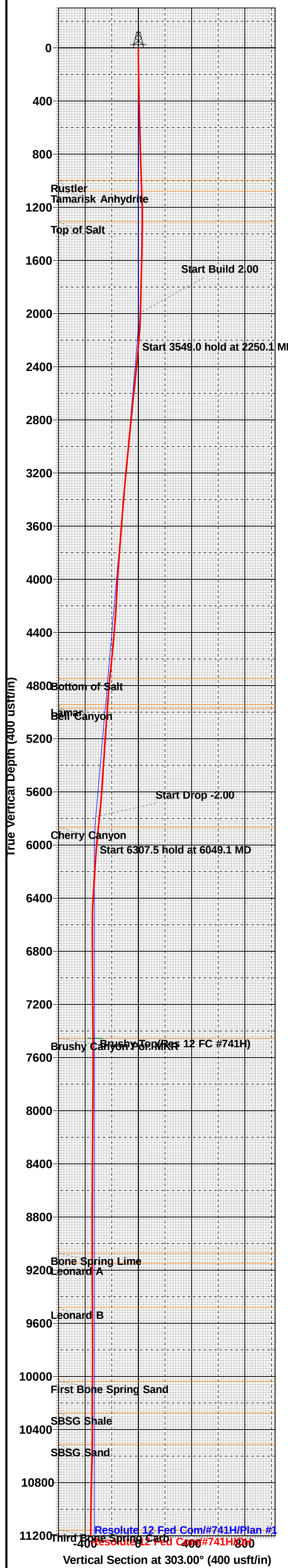
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
2250.1	5.00	126.28	2249.8	-6.5	8.8	2.00	126.28	-6.3	
5799.1	5.00	126.28	5785.2	-189.5	258.2	0.00	0.00	-184.0	
6049.1	0.00	0.00	6035.0	-196.0	267.0	2.00	180.00	-190.3	
12356.6	0.00	0.00	12342.5	-196.0	267.0	0.00	0.00	-190.3	
13105.0	89.80	359.72	12820.0	279.8	264.7	12.00	359.72	285.4	TGT#1(Res 12 FC #741H)
15420.4	89.80	359.72	12828.0	2595.2	253.6	0.00	0.00	2600.0	
15425.4	89.70	359.72	12828.0	2600.2	253.6	2.00	180.00	2605.0	TGT#2(Res 12 FC #741H)
17341.1	89.70	359.72	12838.0	4515.8	244.4	0.00	0.00	4520.0	
17347.4	89.57	359.72	12838.0	4522.1	244.3	2.00	-180.00	4526.3	TGT#3(Res 12 FC #741H)
21382.6	89.57	359.72	12868.0	8557.2	224.9	0.00	0.00	8560.0	
21387.4	89.48	359.72	12868.0	8562.0	224.9	2.00	180.00	8564.8	
23031.5	89.48	359.72	12883.0	10206.0	217.0	0.00	0.00	10208.3	PBHL(Res 12 FC #741H)

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 #741H)	7455.0	-196.0	267.0	414665.00	761707.00
FTP(Res 12 FC #741H)	12820.0	-146.0	267.0	414715.00	761707.00
TGT#1(Res 12 FC #741H)	12828.0	2595.2	253.6	417456.20	761693.58
TGT#2(Res 12 FC #741H)	12838.0	4515.8	244.4	419376.80	761684.35
TGT#3(Res 12 FC #741H)	12868.0	8557.2	224.9	423418.20	761664.93
PBHL(Res 12 FC #741H)	12883.0	10206.0	217.0	425067.00	761657.00



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: RESOLUTE 12 FED COM	Well Location: T25S / R32E / SEC 12 / SESE / 32.1385355 / -103.6222344	County or Parish/State: LEA / NM
Well Number: 741H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM110835	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547829	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:	10:02:29 AM				
First Production Date:	Apr 7, 2021	<table><tr><th>Wellbore Code</th><th>Completion Code</th></tr><tr><td>00</td><td>X1</td></tr></table>		Wellbore Code	Completion Code	00	X1
Wellbore Code	Completion Code						
00	X1						
US Well Number:	3002547829						
First Production Remarks:	11/25/2020 RIG RELEASED 01/14/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI 02/28/2021 BEGIN PERF AND FRAC 03/18/2021 FINISH 44 STAGES PERF & FRAC, 12,967 – 23,095’ W/ 3 1/8” 2112 SHOTS, FRAC 24,763,166 LBS PROPPANT + 542,813 BBLS LOAD FLUID 03/20/2021 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 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name RESOLUTE 12 FEDERAL COM		
								6. Well Number: 741H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EOG RESOURCES INC							9. OGRID 7377			
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702							11. Pool name or Wildcat WC025 G09 S253309P; UPPER WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	12	25S	32E		250	SOUTH	726	EAST	LEA
BH:	A	1	25S	32E		111	NORTH	438	EAST	LEA
13. Date Spudded 10/26/2020	14. Date T.D. Reached 11/23/2020		15. Date Rig Released 11/25/2020			16. Date Completed (Ready to Produce) 04/08/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3497' GL		
18. Total Measured Depth of Well MD 23,121' TVD 12,868'			19. Plug Back Measured Depth MD 23,095' TVD 12,868'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 12,967 - 23,095'										
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		1131'		12 1/4"		480 SXS CL C/CIRC		
7 5/8"		29.7# HCP 110		11,703'		8 3/4"		1528 SXS CL C & H TOC		185' ECHO
5 1/2"		20# ECP 110		23,105'		6 3/4"		1005 SXS CL H TOC 5900'		CBL
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 12,967 - 23,095' 3 1/8", 2112 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,967 - 23,095'		FRAC W/24, 763,166 lbs proppant, 542,813 bbls load fld		
28. PRODUCTION										
Date First Production 04/08/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 04/15/2021	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 2481	Gas - MCF 11561	Water - Bbl. 8874	Gas - Oil Ratio 4659			
Flow Tubing Press.	Casing Pressure 2582	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 49				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing, Gas capture										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Kay Maddox			Name Kay Maddox			Title Senior Regulatory Specialist			Date 04/30/2021	
E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy Rustler 962'	T. Canyon Brushy 7401'	T. Ojo Alamo	T. Penn A"
T. Salt 1188'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4653'	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 9,983'	T. Entrada	
T. Wolfcamp 12,195'	T. 2nd BS Sand 10,458'	T. Wingate	
T. Penn	T. 3rd BS Sand 11,731'	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 26413

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 26413
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
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

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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 26413

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 26413
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/16/2021