

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 07/12/2021
⁴ API Number 30 - 025-47283	⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP	⁶ Pool Code 98097
⁷ Property Code 319664	⁸ Property Name DOGWOOD 23 FEDERAL COM	⁹ Well Number 751H

II. ¹⁰ Surface Location

Ul or lot no. O	Section 23	Township 26S	Range 33E	Lot Idn	Feet from the 200	North/South Line SOUTH	Feet from the 1646	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. A	Section 14	Township 26S	Range 33E	Lot Idn	Feet from the 110	North/South line NORTH	Feet from the 1048	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 04/02/2021	²² Ready Date 07/12/2021	²³ TD 23,883	²⁴ PBDT 23,857	²⁵ Perforations 13,566 - 23,857	²⁶ DHC, MC		
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement	
12 1/4		9 5/8"		1045'		480 SXS CL C/CIRC	
8 3/4"		7 5/8"		12,714'		1552 SXS CL C&H/CIRC	
6 3/4"		5 1/2"		23,866'		955 SXS CL H TOC 7730' CBL	

V. Well Test Data

³¹ Date New Oil 07/12/2021	³² Gas Delivery Date 07/12/2021	³³ Test Date 07/16/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2105
³⁷ Choke Size	³⁸ Oil 2196	³⁹ Water 11549	⁴⁰ Gas 4841		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: 09/01/2021		
Date: 07/19/2021		Phone: 432-638-8475			

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

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

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

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

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47283	² Pool Code 98097	³ Pool Name SANDERS TANK; UPPER WOLFCAMP
⁴ Property Code 319664	⁵ Property Name DOGWOOD 23 FED COM	⁶ Well Number 751H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3318'

¹⁰Surface Location

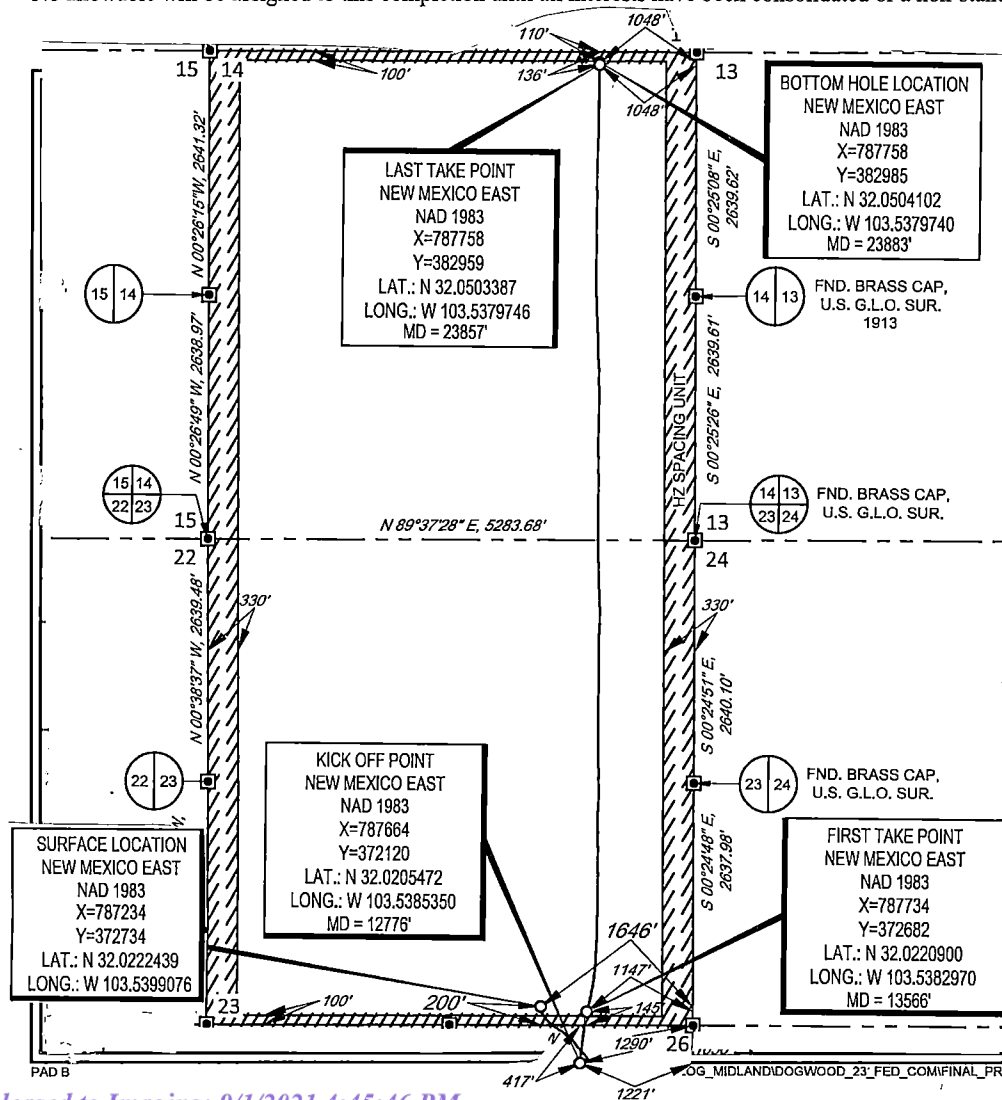
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	23	26-S	33-E	-	200'	SOUTH	1646'	EAST	LEA

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	14	26-S	33-E	-	110'	NORTH	1048'	EAST	LEA

¹² Dedicated Acres 1280	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.



17 OPERATOR 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 07/15/2021

KAY MADDUX

Printed Name _____

kay_maddox@eogresources.com

E-mail Address

18 SURVEYOR 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.

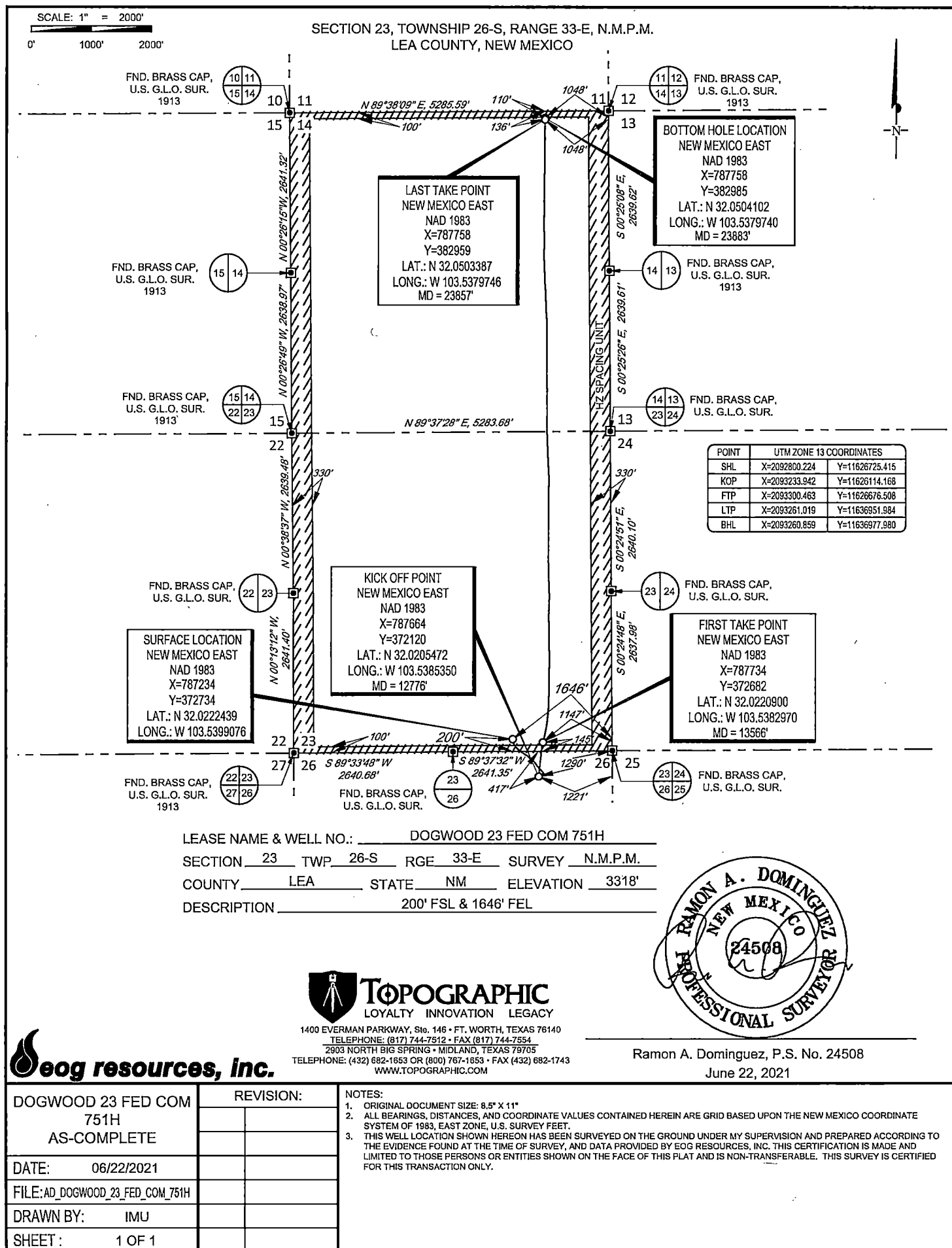
09/30/2019

Date of Survey _____
Signature and Seal of Professional Surveyor _____



Certificate Number

Certificate Number





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Dogwood 23 Fed Com

#751H

OH

Design: OH

Midland PVA

26 April, 2021



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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	Dogwood 23 Fed Com		
Site Position:		Northing:	372,741.00 usft
From:	Map	Easting:	788,311.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 1' 20.069 N
		Longitude:	103° 32' 11.158 W
		Grid Convergence:	0.42 °

Well		#751H				
Well Position	+N/-S	0.0 usft	Northing:	372,734.00 usft	Latitude:	32° 1' 20.078 N
	+E/-W	0.0 usft	Easting:	787,234.00 usft	Longitude:	103° 32' 23.668 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,318.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/10/2021	6.54	59.73	47,396.91220862

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	2.92	

Survey Program	Date	4/26/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
184.0	23,883.0	Driltech MWD (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	
184.0	0.44	53.66	184.0	0.4	0.6	0.24	0.24	0.00	-0.7	0.0	
304.0	0.79	55.69	304.0	1.2	1.6	0.29	0.29	1.69	-2.0	0.0	
390.0	1.05	64.74	390.0	1.8	2.8	0.35	0.30	10.52	-3.3	0.4	
472.0	1.23	61.75	472.0	2.6	4.3	0.23	0.22	-3.65	-5.0	0.2	
563.0	1.23	60.79	562.9	3.5	6.0	0.02	0.00	-1.05	-6.9	0.1	
658.0	1.41	61.05	657.9	4.6	7.9	0.19	0.19	0.27	-9.1	0.2	
754.0	1.49	54.11	753.9	5.9	10.0	0.20	0.08	-7.23	-11.5	-1.1	
849.0	1.67	45.14	848.9	7.6	11.9	0.32	0.19	-9.44	-13.8	-3.1	
993.0	1.93	49.71	992.8	10.6	15.3	0.21	0.18	3.17	-18.5	-1.8	
1,132.0	1.49	53.92	1,131.7	13.2	18.5	0.33	-0.32	3.03	-22.7	-0.1	
1,228.0	2.02	276.55	1,227.7	14.1	17.8	3.41	0.55	-143.09	14.1	-18.1	
1,323.0	1.93	276.02	1,322.6	14.5	14.6	0.10	-0.09	-0.56	6.9	-22.0	
1,419.0	1.76	278.13	1,418.6	14.9	11.5	0.19	-0.18	2.20	-3.5	-28.3	
1,515.0	2.99	233.57	1,514.5	13.6	8.0	2.22	1.28	-46.42	13.5	-34.4	
1,610.0	4.13	210.28	1,609.3	9.2	4.3	1.91	1.20	-24.52	24.1	-37.1	
1,706.0	6.15	195.87	1,704.9	1.2	1.2	2.48	2.10	-15.01	30.3	-39.6	
1,801.0	7.65	187.96	1,799.3	-9.9	-1.1	1.87	1.58	-8.33	31.3	-43.5	
1,897.0	9.23	176.18	1,894.2	-23.9	-1.5	2.43	1.65	-12.27	34.3	-43.7	
1,993.0	9.32	174.07	1,989.0	-39.4	-0.1	0.37	0.09	-2.20	29.4	-48.6	
2,089.0	9.58	156.67	2,083.7	-54.4	3.8	2.98	0.27	-18.12	37.3	-42.9	
2,185.0	10.28	142.34	2,178.3	-68.5	12.2	2.67	0.73	-14.93	41.0	-34.8	
2,280.0	10.46	143.31	2,271.7	-82.2	22.6	0.26	0.19	1.02	33.8	-35.7	
2,376.0	10.46	143.66	2,366.1	-96.2	32.9	0.07	0.00	0.36	26.8	-36.4	
2,472.0	10.63	143.66	2,460.5	-110.3	43.3	0.18	0.18	0.00	19.8	-36.9	
2,568.0	10.55	143.31	2,554.9	-124.5	53.8	0.11	-0.08	-0.36	13.1	-37.2	
2,663.0	10.63	142.96	2,648.2	-138.5	64.3	0.11	0.08	-0.37	6.4	-37.6	



EOG Resources

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Well:	#751H	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)
2,758.0	10.63	142.08	2,741.6	-152.4	75.0	0.17	0.00	-0.93	-0.1	-37.8
2,854.0	9.58	135.84	2,836.1	-165.1	86.0	1.58	-1.09	-6.50	-2.2	-37.6
2,950.0	9.14	125.47	2,930.8	-175.3	97.8	1.81	-0.46	-10.80	-0.7	-36.0
3,045.0	9.23	125.82	3,024.6	-184.1	110.1	0.11	0.09	0.37	-5.8	-33.2
3,141.0	9.40	124.76	3,119.4	-193.1	122.8	0.25	0.18	-1.10	-10.5	-30.4
3,237.0	9.76	122.21	3,214.0	-201.9	136.1	0.58	0.37	-2.66	-15.0	-27.8
3,333.0	9.67	120.54	3,308.7	-210.3	149.9	0.31	-0.09	-1.74	-20.4	-24.7
3,428.0	9.05	117.91	3,402.4	-217.9	163.4	0.79	-0.65	-2.77	-25.0	-21.8
3,524.0	7.91	123.71	3,497.3	-225.1	175.6	1.48	-1.19	6.04	-31.0	-15.3
3,620.0	7.03	135.05	3,592.5	-232.9	185.2	1.78	-0.92	11.81	-35.1	-6.6
3,716.0	7.21	128.89	3,687.8	-240.8	194.0	0.82	0.19	-6.42	-35.6	-8.7
3,811.0	7.65	127.40	3,782.0	-248.4	203.7	0.51	0.46	-1.57	-37.3	-7.2
3,907.0	8.00	120.37	3,877.1	-255.7	214.5	1.06	0.36	-7.32	-39.2	-8.8
4,003.0	7.21	117.12	3,972.3	-261.8	225.7	0.94	-0.82	-3.39	-41.5	-7.0
4,099.0	7.12	112.90	4,067.5	-266.9	236.5	0.56	-0.09	-4.40	-43.4	-5.4
4,195.0	7.38	143.48	4,162.8	-274.1	245.7	3.98	0.27	31.85	-40.8	19.8
4,290.0	7.56	133.99	4,257.0	-283.4	253.8	1.31	0.19	-9.99	-45.3	13.2
4,386.0	6.94	133.11	4,352.2	-291.7	262.6	0.66	-0.65	-0.92	-47.0	13.8
4,481.0	6.86	129.86	4,446.5	-299.3	271.1	0.42	-0.08	-3.42	-48.7	12.9
4,577.0	7.21	127.93	4,541.8	-306.7	280.3	0.44	0.36	-2.01	-50.4	13.4
4,673.0	6.50	126.43	4,637.1	-313.6	289.4	0.76	-0.74	-1.56	-51.8	14.6
4,768.0	6.94	127.66	4,731.5	-320.3	298.3	0.49	0.46	1.29	-52.3	18.3
4,864.0	7.03	130.12	4,826.7	-327.6	307.3	0.33	0.09	2.56	-52.6	22.8
4,960.0	6.59	130.56	4,922.1	-335.0	316.0	0.46	-0.46	0.46	-53.3	25.2
5,056.0	5.80	130.39	5,017.5	-341.7	323.9	0.82	-0.82	-0.18	-53.2	26.9
5,151.0	4.66	132.15	5,112.1	-347.4	330.4	1.21	-1.20	1.85	-50.6	30.3
5,247.0	4.75	133.99	5,207.8	-352.8	336.2	0.18	0.09	1.92	-46.8	33.3



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Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)
5,343.0	5.19	126.87	5,303.4	-358.2	342.5	0.79	0.46	-7.42	-48.4	29.4
5,438.0	5.19	134.96	5,398.0	-363.8	349.0	0.77	0.00	8.52	-41.8	37.6
5,534.0	5.10	135.57	5,493.6	-369.9	355.0	0.11	-0.09	0.64	-39.4	39.1
5,630.0	6.59	143.40	5,589.1	-377.4	361.3	1.76	1.55	8.16	-32.8	44.2
5,725.0	6.94	144.71	5,683.5	-386.4	367.9	0.40	0.37	1.38	-32.4	44.4
5,917.0	7.38	143.57	5,874.0	-405.8	381.9	0.24	0.23	-0.59	-35.8	42.5
6,013.0	7.12	143.40	5,969.2	-415.5	389.1	0.27	-0.27	-0.18	-37.3	41.9
6,108.0	7.12	141.02	6,063.5	-424.8	396.3	0.31	0.00	-2.51	-40.2	40.1
6,204.0	7.12	140.23	6,158.7	-434.0	403.9	0.10	0.00	-0.82	-42.0	39.6
6,300.0	6.59	141.02	6,254.1	-442.9	411.1	0.56	-0.55	0.82	-42.2	40.2
6,395.0	6.68	139.09	6,348.4	-451.3	418.2	0.25	0.09	-2.03	-43.9	38.9
6,491.0	6.59	138.21	6,443.8	-459.6	425.5	0.14	-0.09	-0.92	-44.9	38.7
6,587.0	6.50	137.77	6,539.2	-467.8	432.8	0.11	-0.09	-0.46	-45.4	38.9
6,683.0	8.09	139.44	6,634.4	-476.9	440.9	1.67	1.66	1.74	-45.8	40.6
6,778.0	8.70	138.91	6,728.4	-487.4	450.0	0.65	0.64	-0.56	-49.4	40.5
6,874.0	8.70	138.30	6,823.2	-498.3	459.6	0.10	0.00	-0.64	-53.7	40.4
6,969.0	8.88	137.59	6,917.1	-509.1	469.3	0.22	0.19	-0.75	-58.2	40.3
7,065.0	8.61	138.38	7,012.0	-519.9	479.1	0.31	-0.28	0.82	-61.5	41.7
7,160.0	8.53	137.16	7,106.0	-530.4	488.6	0.21	-0.08	-1.28	-66.0	40.9
7,256.0	6.77	142.16	7,201.1	-540.1	496.9	1.96	-1.83	5.21	-64.3	46.8
7,352.0	5.98	137.77	7,296.5	-548.3	503.7	0.97	-0.82	-4.57	-67.6	42.0
7,447.0	4.83	137.68	7,391.1	-554.9	509.7	1.21	-1.21	-0.09	-66.1	42.5
7,543.0	2.55	149.46	7,486.9	-559.7	513.5	2.49	-2.37	12.27	-51.5	54.3
7,639.0	1.05	200.35	7,582.8	-562.4	514.3	2.14	-1.56	53.01	12.9	66.6
7,735.0	1.23	189.19	7,678.8	-564.2	513.9	0.30	0.19	-11.62	5.0	59.7
7,830.0	1.14	200.26	7,773.8	-566.1	513.4	0.26	-0.09	11.65	19.9	48.7
7,926.0	1.32	194.90	7,869.8	-568.1	512.7	0.22	0.19	-5.58	19.4	41.6



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8,022.0	0.88	280.86	7,965.8	-569.0	511.7	1.60	-0.46	89.54	35.4	-20.9	
8,118.0	1.23	286.04	8,061.7	-568.6	510.0	0.38	0.36	5.40	27.1	-27.1	
8,214.0	1.05	279.63	8,157.7	-568.2	508.2	0.23	-0.19	-6.68	26.3	-25.5	
8,309.0	0.97	276.55	8,252.7	-567.9	506.5	0.10	-0.08	-3.24	25.9	-24.2	
8,404.0	0.88	264.60	8,347.7	-567.9	505.0	0.22	-0.09	-12.58	28.8	-18.5	
8,500.0	0.88	257.30	8,443.7	-568.1	503.5	0.12	0.00	-7.60	29.5	-14.7	
8,596.0	0.97	252.73	8,539.7	-568.5	502.0	0.12	0.09	-4.76	29.0	-12.4	
8,787.0	1.14	238.05	8,730.6	-570.0	498.9	0.17	0.09	-7.69	27.8	-5.1	
8,883.0	1.05	232.34	8,826.6	-571.1	497.4	0.15	-0.09	-5.95	26.3	-2.4	
8,978.0	1.14	227.07	8,921.6	-572.2	496.0	0.14	0.09	-5.55	24.6	0.0	
9,073.0	1.32	223.02	9,016.6	-573.7	494.6	0.21	0.19	-4.26	22.5	1.7	
9,169.0	1.49	221.18	9,112.6	-575.4	493.0	0.18	0.18	-1.92	20.1	2.3	
9,265.0	1.41	220.12	9,208.5	-577.3	491.4	0.09	-0.08	-1.10	17.6	2.7	
9,361.0	1.49	207.82	9,304.5	-579.3	490.1	0.33	0.08	-12.81	14.2	6.1	
9,457.0	1.32	212.83	9,400.5	-581.3	488.9	0.22	-0.18	5.22	12.3	5.0	
9,553.0	1.23	233.48	9,496.4	-582.9	487.4	0.48	-0.09	21.51	11.2	0.7	
9,649.0	1.05	261.70	9,592.4	-583.6	485.7	0.61	-0.19	29.40	8.4	-4.2	
9,745.0	0.97	297.73	9,688.4	-583.3	484.2	0.66	-0.08	37.53	2.8	-7.9	
9,840.0	1.14	269.87	9,783.4	-583.0	482.5	0.56	0.18	-29.33	4.5	-6.0	
9,936.0	1.49	241.83	9,879.4	-583.6	480.4	0.75	0.36	-29.21	4.7	-3.6	
10,031.0	1.67	251.15	9,974.3	-584.6	478.0	0.33	0.19	9.81	1.5	-4.2	
10,127.0	1.23	305.64	10,070.3	-584.5	475.9	1.44	-0.46	56.76	-4.4	-2.5	
10,223.0	1.14	294.04	10,166.3	-583.5	474.2	0.27	-0.09	-12.08	-5.8	-3.5	
10,319.0	1.23	281.56	10,262.3	-582.9	472.3	0.28	0.09	-13.00	-6.8	-4.9	
10,415.0	1.67	296.59	10,358.2	-582.0	470.0	0.60	0.46	15.66	-10.2	-2.7	
10,510.0	0.26	69.04	10,453.2	-581.3	469.0	1.95	-1.48	139.42	5.7	10.4	
10,605.0	0.53	113.34	10,548.2	-581.4	469.6	0.41	0.28	46.63	10.7	3.6	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)
10,701.0	0.53	296.06	10,644.2	-581.4	469.6	1.10	0.00	-184.67	-10.9	-3.1
10,796.0	0.97	252.38	10,739.2	-581.5	468.4	0.73	0.46	-45.98	-6.8	-10.1
10,892.0	1.41	231.11	10,835.2	-582.5	466.8	0.64	0.46	-22.16	-4.6	-12.2
10,988.0	1.05	227.33	10,931.2	-583.8	465.2	0.38	-0.37	-3.94	-5.9	-12.5
11,083.0	2.02	249.48	11,026.1	-585.0	463.0	1.18	1.02	23.32	-12.7	-9.0
11,179.0	1.41	235.86	11,122.1	-586.2	460.4	0.76	-0.64	-14.19	-13.0	-12.2
11,275.0	2.11	226.45	11,218.0	-588.1	458.2	0.79	0.73	-9.80	-13.8	-14.3
11,370.0	2.29	248.69	11,313.0	-590.0	455.1	0.91	0.19	23.41	-21.7	-7.4
11,465.0	2.37	265.48	11,407.9	-590.8	451.4	0.72	0.08	17.67	-26.7	-0.3
11,561.0	2.46	263.81	11,503.8	-591.2	447.4	0.12	0.09	-1.74	-30.7	-1.1
11,657.0	1.85	248.34	11,599.7	-592.0	443.9	0.87	-0.64	-16.11	-32.8	-9.8
11,753.0	1.93	222.59	11,695.7	-593.8	441.3	0.88	0.08	-26.82	-28.3	-23.8
11,849.0	1.76	221.44	11,791.6	-596.1	439.3	0.18	-0.18	-1.20	-30.9	-24.4
11,945.0	1.67	209.66	11,887.6	-598.4	437.6	0.38	-0.09	-12.27	-28.1	-30.5
12,040.0	1.93	200.08	11,982.6	-601.1	436.4	0.42	0.27	-10.08	-25.6	-35.0
12,136.0	1.41	206.59	12,078.5	-603.7	435.3	0.58	-0.54	6.78	-32.2	-31.6
12,232.0	1.23	205.18	12,174.5	-605.7	434.3	0.19	-0.19	-1.47	-33.7	-32.4
12,328.0	1.14	198.85	12,270.5	-607.5	433.6	0.17	-0.09	-6.59	-31.9	-36.1
12,423.0	1.23	189.63	12,365.5	-609.4	433.1	0.22	0.09	-9.71	-27.6	-40.9
12,519.0	1.05	192.44	12,461.4	-611.3	432.7	0.20	-0.19	2.93	-31.5	-39.4
12,615.0	1.05	197.80	12,557.4	-613.0	432.3	0.10	0.00	5.58	-36.8	-36.2
12,666.0	0.97	209.93	12,608.4	-613.8	431.9	0.45	-0.16	23.78	-44.5	-27.6
12,724.0	1.14	238.58	12,666.4	-614.5	431.2	0.94	0.29	49.40	-53.3	-2.6
12,776.0	2.32	311.37	12,718.4	-614.1	430.0	4.35	2.27	139.98	-19.5	50.6
KOP, MD:12776.0', TVD:12718.4', N/S:-614.1', E/W:430.0', INC:2.32										
12,793.0	2.99	318.21	12,735.4	-613.5	429.4	4.35	3.94	40.25	-14.1	52.6
12,889.0	21.80	8.40	12,828.8	-593.8	430.3	20.85	19.59	52.28	19.9	46.8



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)
12,984.0	39.46	9.98	12,910.2	-546.3	438.2	18.61	18.59	1.66	-2.5	46.8
13,080.0	44.65	5.93	12,981.5	-482.6	447.0	6.10	5.41	-4.22	-29.6	48.1
13,176.0	54.93	4.79	13,043.4	-409.7	453.8	10.75	10.71	-1.19	-48.2	53.3
13,271.0	61.52	6.90	13,093.4	-329.4	462.0	7.19	6.94	2.22	-58.2	60.4
13,367.0	66.97	5.58	13,135.1	-243.5	471.4	5.81	5.68	-1.37	-58.4	66.5
13,416.9	70.90	6.14	13,153.0	-197.2	476.2	7.94	7.87	1.13	-53.2	70.8
LL Crossing, MD:13416.9', TVD:13153.0', N/S:-197.2', E/W:476.2', INC:70.90										
13,463.0	74.53	6.64	13,166.7	-153.5	481.1	7.94	7.88	1.08	-46.2	74.4
13,521.5	82.02	10.87	13,178.6	-96.9	489.8	14.62	12.80	7.23	-35.9	76.5
FTP Crossing, MD:13521.5', TVD:13178.6', N/S:-96.9', E/W:489.8', INC:82.02										
13,559.0	86.84	13.49	13,182.3	-60.4	497.7	14.62	12.86	6.99	-32.4	74.7
13,654.0	89.74	12.70	13,185.1	32.0	519.2	3.16	3.05	-0.83	-29.8	65.1
13,750.0	90.09	13.32	13,185.2	125.6	540.8	0.74	0.36	0.65	-29.7	50.7
13,846.0	89.30	9.80	13,185.7	219.6	560.0	3.76	-0.82	-3.67	-28.9	34.1
13,942.0	89.47	4.62	13,186.8	314.8	572.1	5.40	0.18	-5.40	-27.5	21.5
14,038.0	91.41	5.93	13,186.0	410.4	580.9	2.44	2.02	1.36	-28.1	12.0
14,133.0	87.98	2.77	13,186.5	505.1	588.1	4.91	-3.61	-3.33	-27.4	4.2
14,229.0	88.33	3.82	13,189.6	600.9	593.6	1.15	0.36	1.09	-24.2	-2.0
14,325.0	89.74	359.52	13,191.3	696.8	596.4	4.71	1.47	-4.48	-22.4	-5.5
14,421.0	90.35	0.48	13,191.2	792.8	596.4	1.18	0.64	1.00	-22.3	-6.2
14,516.0	91.58	359.69	13,189.6	887.8	596.6	1.54	1.29	-0.83	-23.8	-7.0
14,612.0	90.62	1.89	13,187.7	983.7	597.9	2.50	-1.00	2.29	-25.5	-9.0
14,708.0	90.18	1.45	13,187.1	1,079.7	600.7	0.65	-0.46	-0.46	-26.0	-12.5
14,803.0	89.74	1.36	13,187.1	1,174.7	603.0	0.47	-0.46	-0.09	-25.8	-15.5
14,899.0	88.86	359.78	13,188.3	1,270.7	604.0	1.88	-0.92	-1.65	-24.5	-17.1
14,995.0	89.12	358.55	13,190.0	1,366.6	602.6	1.31	0.27	-1.28	-22.6	-16.4
15,091.0	89.38	359.52	13,191.3	1,462.6	601.0	1.05	0.27	1.01	-21.2	-15.5



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)
15,186.0	90.88	358.46	13,191.0	1,557.6	599.3	1.93	1.58	-1.12	-21.3	-14.5
15,282.0	90.00	0.66	13,190.3	1,653.6	598.6	2.47	-0.92	2.29	-21.8	-14.5
15,378.0	90.18	358.46	13,190.1	1,749.6	597.8	2.30	0.19	-2.29	-21.8	-14.4
15,473.0	90.62	359.61	13,189.5	1,844.6	596.2	1.30	0.46	1.21	-22.4	-13.5
15,569.0	87.54	358.64	13,191.0	1,940.5	594.8	3.36	-3.21	-1.01	-20.7	-12.7
15,665.0	88.15	0.31	13,194.6	2,036.4	593.9	1.85	0.64	1.74	-16.9	-12.5
15,760.0	89.56	0.84	13,196.5	2,131.4	594.8	1.59	1.48	0.56	-14.9	-14.1
15,856.0	90.97	3.21	13,196.1	2,227.3	598.2	2.87	1.47	2.47	-15.2	-18.2
15,952.0	90.26	1.45	13,195.1	2,323.3	602.1	1.98	-0.74	-1.83	-16.0	-22.8
16,047.0	88.42	357.15	13,196.2	2,418.2	601.0	4.92	-1.94	-4.53	-14.8	-22.3
16,143.0	89.74	358.11	13,197.7	2,514.1	597.0	1.70	1.37	1.00	-13.1	-19.1
16,239.0	91.49	359.52	13,196.7	2,610.1	595.0	2.34	1.82	1.47	-14.0	-17.8
16,335.0	89.74	357.50	13,195.6	2,706.0	592.5	2.78	-1.82	-2.10	-14.8	-15.9
16,431.0	90.09	358.90	13,195.8	2,802.0	589.5	1.50	0.36	1.46	-14.5	-13.6
16,526.0	91.14	358.82	13,194.8	2,897.0	587.6	1.11	1.11	-0.08	-15.4	-12.4
16,622.0	89.65	359.25	13,194.1	2,992.9	586.0	1.62	-1.55	0.45	-15.9	-11.5
16,718.0	90.18	0.13	13,194.2	3,088.9	585.5	1.07	0.55	0.92	-15.4	-11.7
16,814.0	90.97	0.66	13,193.3	3,184.9	586.1	0.99	0.82	0.55	-15.9	-13.0
16,909.0	91.23	359.87	13,191.5	3,279.9	586.6	0.88	0.27	-0.83	-17.2	-14.1
17,005.0	88.86	1.10	13,191.4	3,375.9	587.4	2.78	-2.47	1.28	-16.8	-15.6
17,101.0	90.00	2.42	13,192.3	3,471.8	590.3	1.82	1.19	1.37	-15.4	-19.3
17,197.0	89.30	358.46	13,192.9	3,567.8	591.1	4.19	-0.73	-4.12	-14.3	-20.7
17,292.0	88.77	357.23	13,194.5	3,662.7	587.5	1.41	-0.56	-1.29	-12.3	-17.8
17,388.0	90.09	359.08	13,195.5	3,758.7	584.4	2.37	1.37	1.93	-10.8	-15.4
17,514.0	90.35	0.75	13,195.0	3,854.7	584.2	1.34	0.21	1.33	-10.7	-16.2
17,609.0	90.97	1.45	13,193.9	3,979.6	586.0	0.98	0.65	0.74	-11.3	-18.7
17,705.0	90.53	1.54	13,192.6	4,075.6	588.5	0.47	-0.46	0.09	-12.1	-21.9



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)
17,801.0	90.97	3.74	13,191.4	4,171.5	593.0	2.34	0.46	2.29	-12.9	-27.0
17,896.0	90.26	359.08	13,190.4	4,266.4	595.3	4.96	-0.75	-4.91	-13.5	-30.0
17,992.0	90.35	357.23	13,189.9	4,362.4	592.2	1.93	0.09	-1.93	-13.5	-27.6
18,088.0	91.32	357.14	13,188.5	4,458.2	587.5	1.01	1.01	-0.09	-14.4	-23.6
18,184.0	88.86	357.50	13,188.3	4,554.1	583.0	2.59	-2.56	0.37	-14.1	-19.8
18,280.0	89.12	357.23	13,190.0	4,650.0	578.6	0.39	0.27	-0.28	-11.9	-16.1
18,376.0	89.47	358.02	13,191.2	4,745.9	574.6	0.90	0.36	0.82	-10.3	-12.8
18,472.0	89.38	357.94	13,192.1	4,841.9	571.2	0.13	-0.09	-0.08	-8.8	-10.1
18,567.0	89.65	358.38	13,192.9	4,936.8	568.2	0.54	0.28	0.46	-7.6	-7.7
18,663.0	90.00	358.29	13,193.2	5,032.8	565.4	0.38	0.36	-0.09	-6.8	-5.6
18,759.0	91.05	359.52	13,192.4	5,128.7	563.6	1.68	1.09	1.28	-7.2	-4.5
18,855.0	90.18	359.52	13,191.3	5,224.7	562.8	0.91	-0.91	0.00	-7.8	-4.4
18,951.0	91.14	1.63	13,190.2	5,320.7	563.7	2.41	1.00	2.20	-8.4	-6.1
19,046.0	89.12	359.34	13,190.0	5,415.7	564.5	3.21	-2.13	-2.41	-8.2	-7.5
19,142.0	90.09	359.17	13,190.7	5,511.7	563.3	1.03	1.01	-0.18	-7.0	-7.0
19,238.0	90.97	359.26	13,189.8	5,607.7	562.0	0.92	0.92	0.09	-7.4	-6.4
19,333.0	91.85	0.31	13,187.4	5,702.6	561.6	1.44	0.93	1.11	-9.3	-6.7
19,428.0	90.18	358.99	13,185.8	5,797.6	561.0	2.24	-1.76	-1.39	-10.5	-6.8
19,524.0	87.54	358.82	13,187.7	5,893.6	559.2	2.76	-2.75	-0.18	-8.1	-5.7
19,620.0	87.71	359.17	13,191.6	5,989.5	557.5	0.41	0.18	0.36	-3.7	-4.7
19,715.0	88.24	359.87	13,195.0	6,084.4	556.7	0.92	0.56	0.74	0.1	-4.6
19,811.0	90.18	0.13	13,196.3	6,180.4	556.7	2.04	2.02	0.27	1.9	-5.3
19,907.0	92.99	1.19	13,193.7	6,276.3	557.8	3.13	2.93	1.10	-0.2	-7.1
20,003.0	90.09	359.69	13,191.1	6,372.3	558.6	3.40	-3.02	-1.56	-2.4	-8.5
20,099.0	89.74	359.78	13,191.2	6,468.3	558.1	0.38	-0.36	0.09	-1.8	-8.7
20,194.0	90.00	0.31	13,191.4	6,563.3	558.2	0.62	0.27	0.56	-1.1	-9.5
20,290.0	90.70	0.13	13,190.9	6,659.3	558.6	0.75	0.73	-0.19	-1.2	-10.6



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)
20,386.0	91.49	0.05	13,189.0	6,755.3	558.7	0.83	0.82	-0.08	-2.5	-11.4
20,481.0	93.16	357.67	13,185.2	6,850.2	556.8	3.06	1.76	-2.51	-5.9	-10.2
20,577.0	90.09	359.69	13,182.5	6,946.1	554.6	3.83	-3.20	2.10	-8.2	-8.7
20,673.0	87.28	355.56	13,184.7	7,041.9	550.6	5.20	-2.93	-4.30	-5.5	-5.4
20,769.0	86.84	358.11	13,189.6	7,137.7	545.3	2.69	-0.46	2.66	0.1	-0.8
20,864.0	87.54	358.11	13,194.2	7,232.5	542.2	0.74	0.74	0.00	5.5	1.6
20,960.0	87.63	358.73	13,198.3	7,328.4	539.6	0.65	0.09	0.65	10.3	3.6
21,056.0	90.53	356.00	13,199.8	7,424.2	535.2	4.15	3.02	-2.84	12.6	7.3
21,151.0	92.02	357.06	13,197.7	7,519.0	529.4	1.92	1.57	1.12	11.2	12.3
21,247.0	90.62	357.32	13,195.5	7,614.9	524.7	1.48	-1.46	0.27	9.7	16.4
21,342.0	91.14	357.50	13,194.0	7,709.8	520.4	0.58	0.55	0.19	9.0	20.0
21,438.0	92.29	358.29	13,191.2	7,805.7	516.9	1.45	1.20	0.82	6.9	22.8
21,534.0	90.88	357.50	13,188.5	7,901.6	513.4	1.68	-1.47	-0.82	5.0	25.6
21,629.0	91.93	359.26	13,186.2	7,996.5	510.7	2.16	1.11	1.85	3.4	27.6
21,725.0	91.32	1.28	13,183.5	8,092.5	511.1	2.20	-0.64	2.10	1.4	26.5
21,821.0	87.63	0.22	13,184.3	8,188.4	512.4	4.00	-3.84	-1.10	3.1	24.5
21,917.0	88.68	0.84	13,187.4	8,284.4	513.3	1.27	1.09	0.65	6.9	23.0
22,012.0	86.22	357.67	13,191.7	8,379.3	512.0	4.22	-2.59	-3.34	11.9	23.5
22,108.0	87.80	359.69	13,196.7	8,475.1	509.8	2.67	1.65	2.10	17.7	25.0
22,204.0	91.49	1.10	13,197.3	8,571.1	510.5	4.11	3.84	1.47	19.0	23.7
22,299.0	93.08	0.75	13,193.5	8,666.0	512.0	1.71	1.67	-0.37	16.0	21.5
22,395.0	90.26	359.96	13,190.7	8,761.9	512.6	3.05	-2.94	-0.82	13.9	20.2
22,491.0	86.66	357.94	13,193.3	8,857.9	510.9	4.30	-3.75	-2.10	17.2	21.2
22,586.0	90.09	0.57	13,195.9	8,952.8	509.6	4.55	3.61	2.77	20.7	21.8
22,682.0	88.24	359.78	13,197.3	9,048.8	509.9	2.10	-1.93	-0.82	22.9	20.8
22,778.0	92.55	1.63	13,196.7	9,144.7	511.1	4.89	4.49	1.93	23.0	18.9
22,873.0	93.87	1.45	13,191.4	9,239.5	513.7	1.40	1.39	-0.19	18.4	15.7



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #751H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3343.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 25' @ 3343.0usft
Well:	#751H	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)	
22,969.0	94.04	1.54	13,184.7	9,335.3	516.2	0.20	0.18	0.09	12.5	12.5	
23,065.0	90.97	1.01	13,180.5	9,431.2	518.3	3.25	-3.20	-0.55	9.1	9.6	
23,161.0	87.28	0.13	13,182.0	9,527.1	519.2	3.95	-3.84	-0.92	11.3	8.0	
23,257.0	90.35	1.19	13,184.0	9,623.1	520.3	3.38	3.20	1.10	14.1	6.2	
23,353.0	87.71	1.01	13,185.6	9,719.0	522.2	2.76	-2.75	-0.19	16.4	3.7	
23,447.0	87.54	359.78	13,189.5	9,813.0	522.8	1.32	-0.18	-1.31	21.1	2.3	
23,542.0	88.59	0.13	13,192.7	9,907.9	522.8	1.16	1.11	0.37	25.0	1.7	
23,637.0	88.24	359.69	13,195.4	10,002.9	522.6	0.59	-0.37	-0.46	28.4	1.2	
23,732.0	91.58	0.92	13,195.5	10,097.8	523.1	3.75	3.52	1.29	29.3	0.0	
23,826.0	91.76	359.96	13,192.8	10,191.8	523.8	1.04	0.19	-1.02	27.3	-1.4	
Last MWD Survey (MD=23826.0')											
23,883.0	91.76	359.96	13,191.0	10,248.8	523.8	0.00	0.00	0.00	26.0	-1.8	
Projection to Bit (MD=23883.0')											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,776.0	12,718.4	-614.1	430.0	KOP, MD:12776.0', TVD:12718.4', N/S:-614.1', E/W:430.0', INC:2.32
13,416.9	13,153.0	-197.2	476.2	LL Crossing, MD:13416.9', TVD:13153.0', N/S:-197.2', E/W:476.2', INC:70.90
13,521.5	13,178.6	-96.9	489.8	FTP Crossing, MD:13521.5', TVD:13178.6', N/S:-96.9', E/W:489.8', INC:82.02
23,826.0	13,192.8	10,191.8	523.8	Last MWD Survey (MD=23826.0')
23,883.0	13,191.0	10,248.8	523.8	Projection to Bit (MD=23883.0')

Checked By: _____	Approved By: _____	Date: _____
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I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE.
KAY MADDOX 07/15/2021



Lea County, NM (NAD 83 NME)

Dogwood 23 Fed Com #751H

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: #751H

KB = 25' @ 3343.0usft
3318.0
Northing 372734.00 Easting 787234.00 Latitude 32° 1' 20.078 N Longitude 103° 32' 23.668 W

SECTION DETAILS

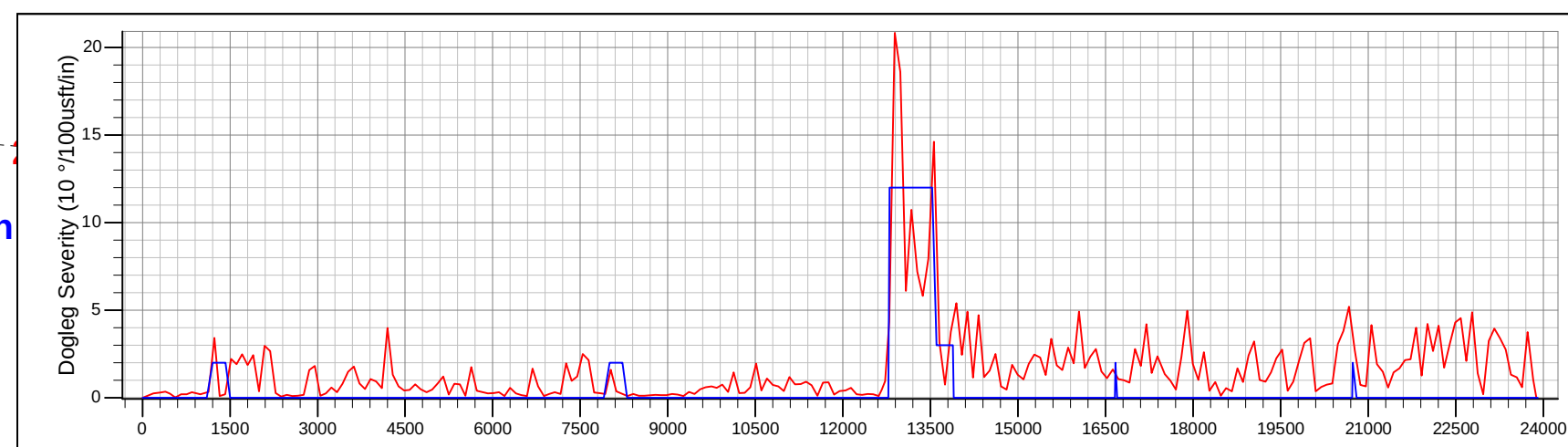
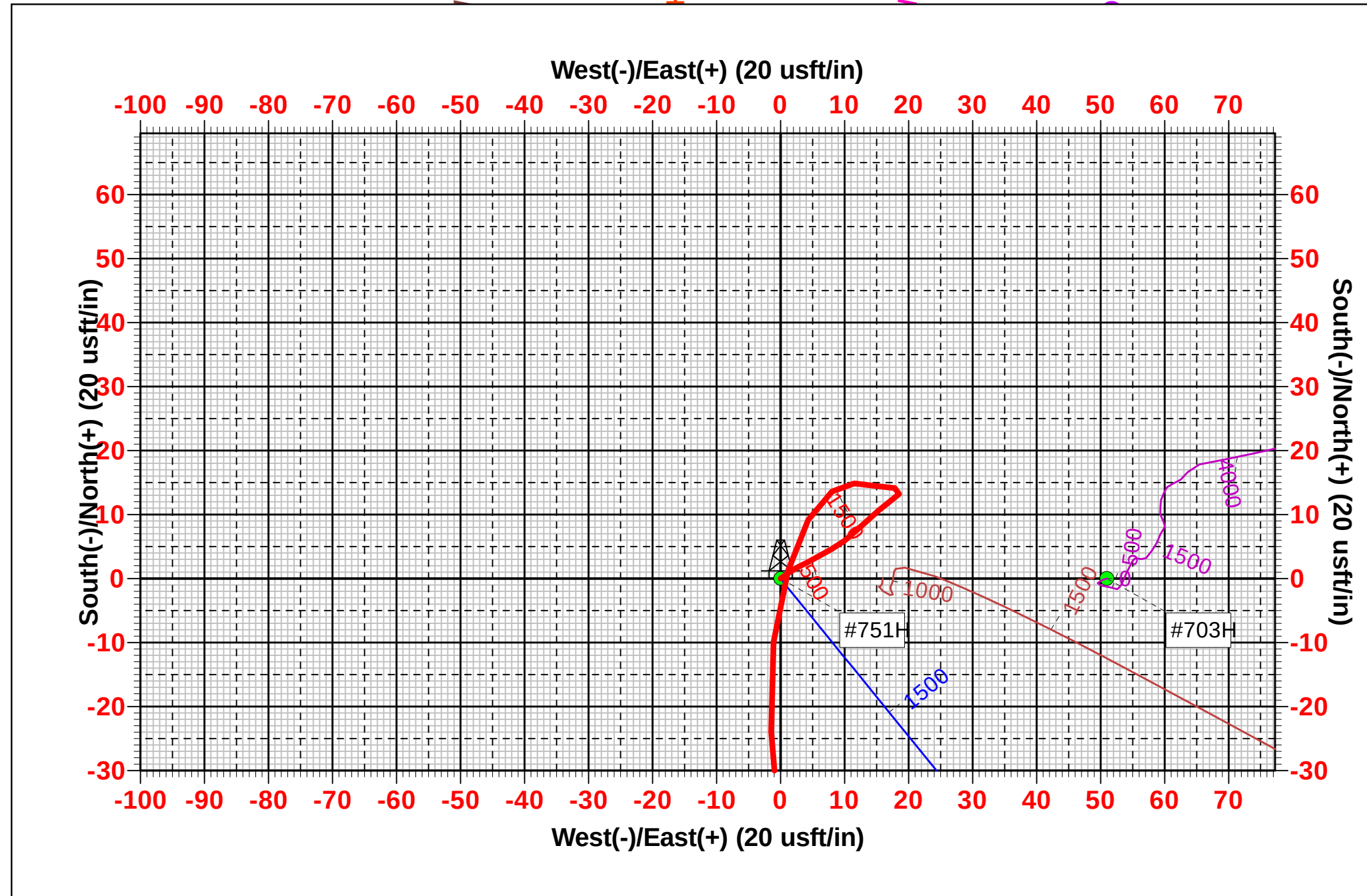
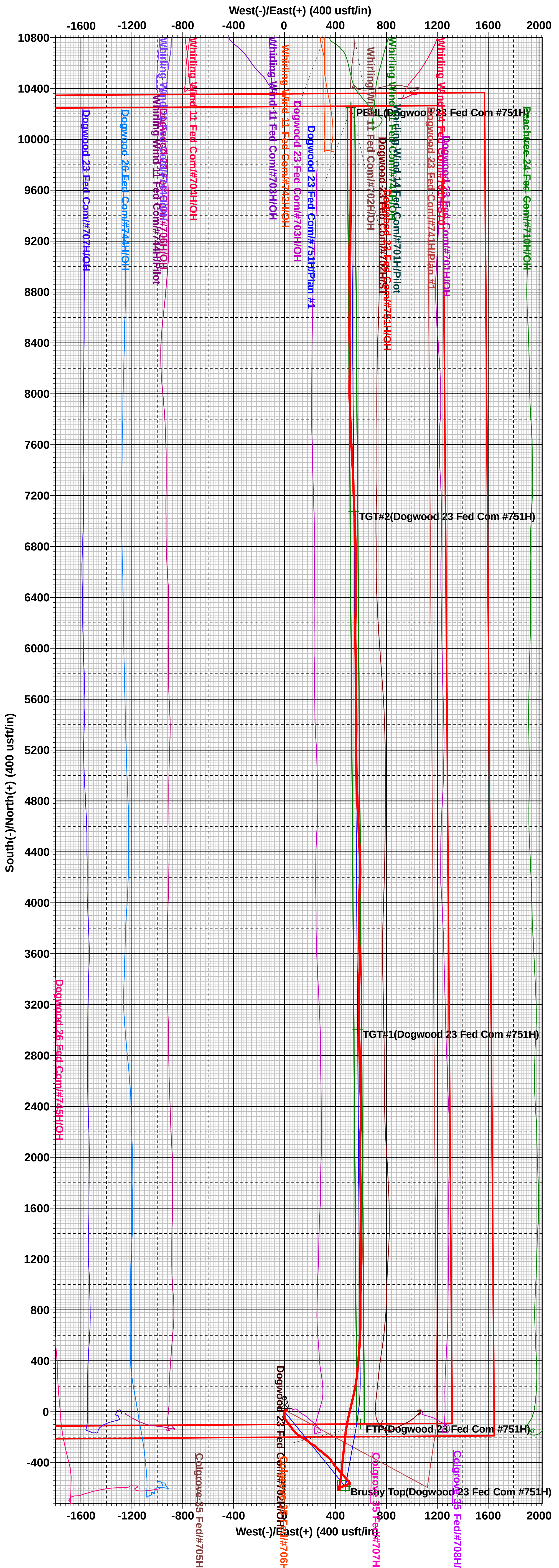
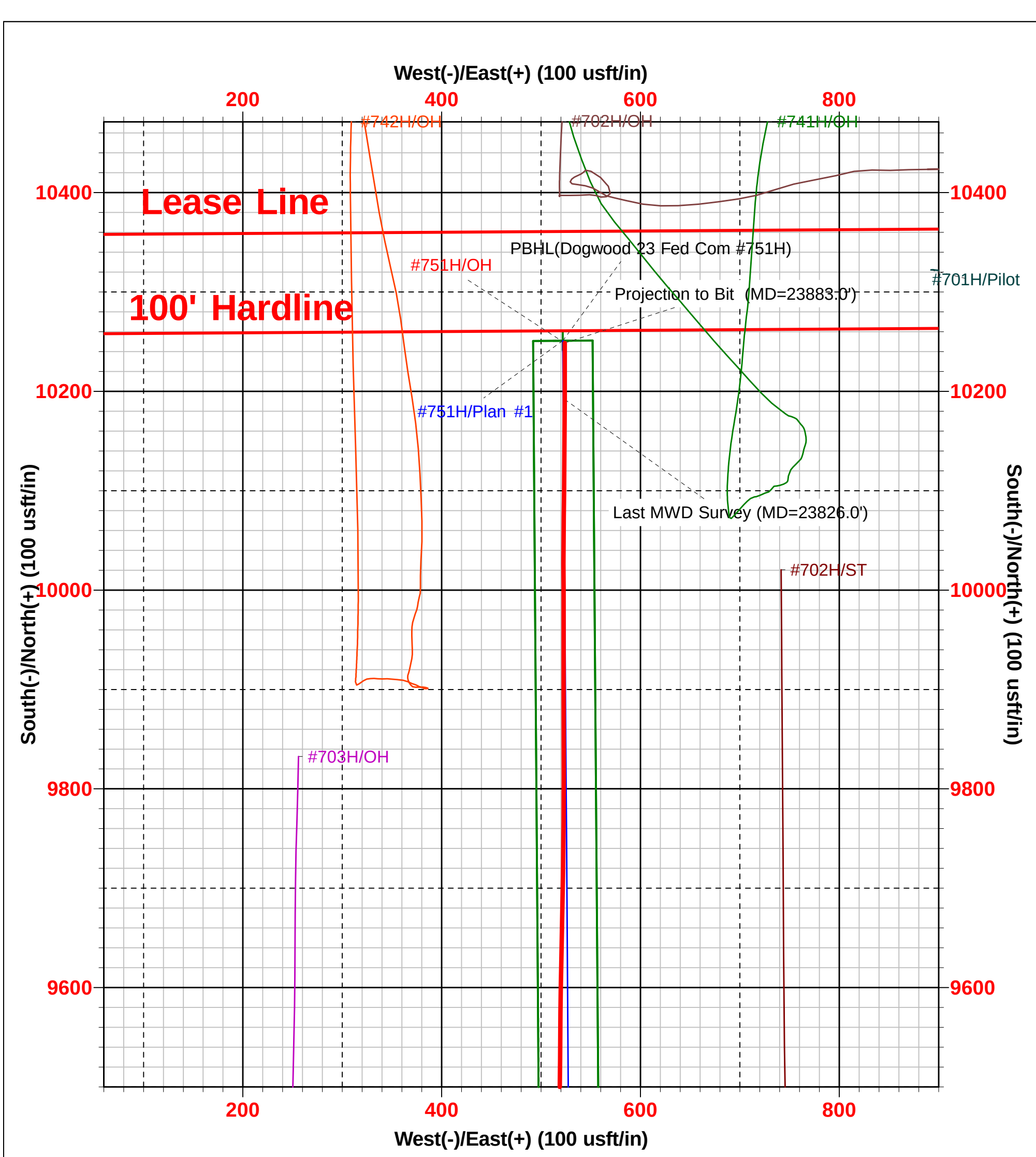
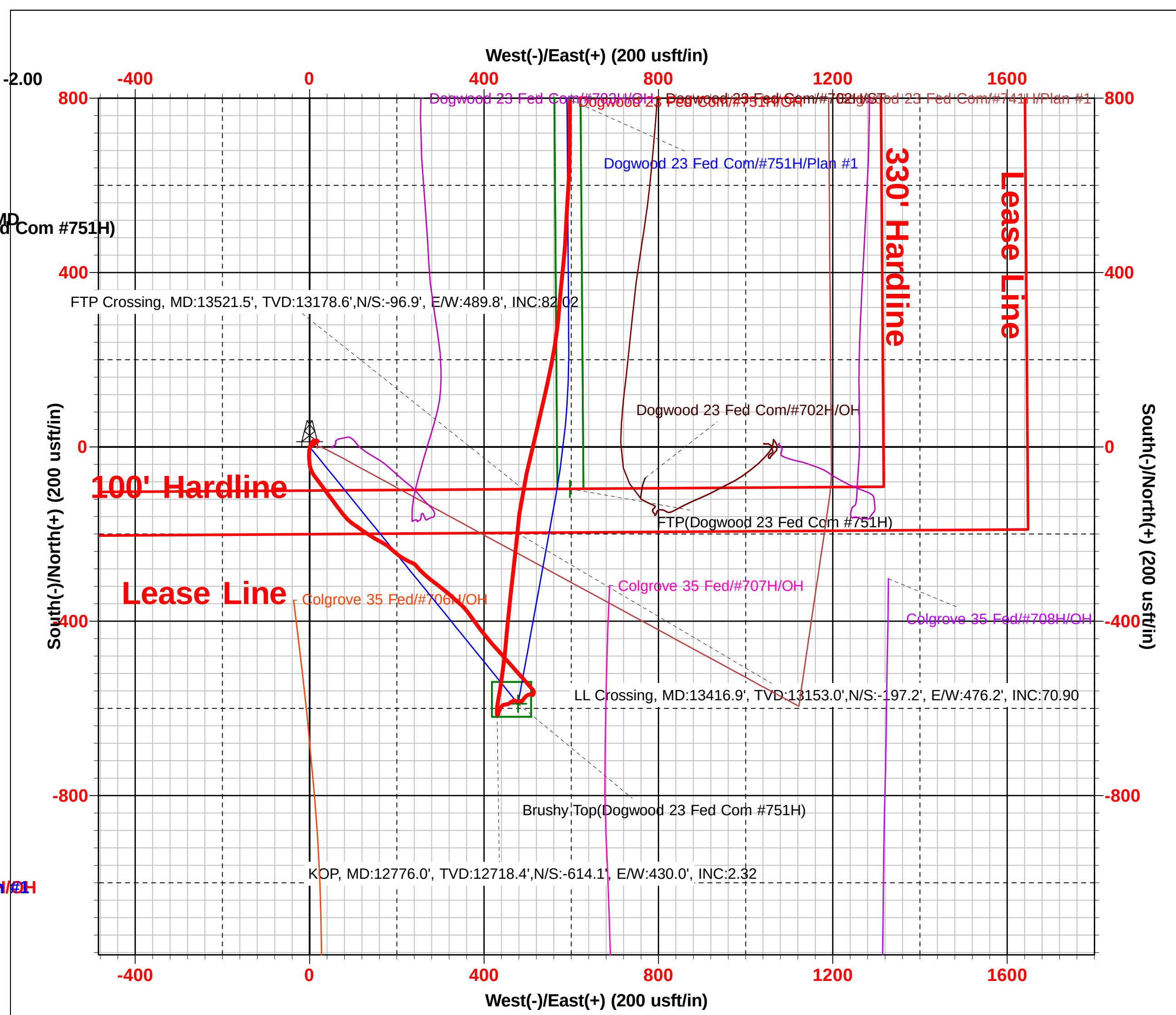
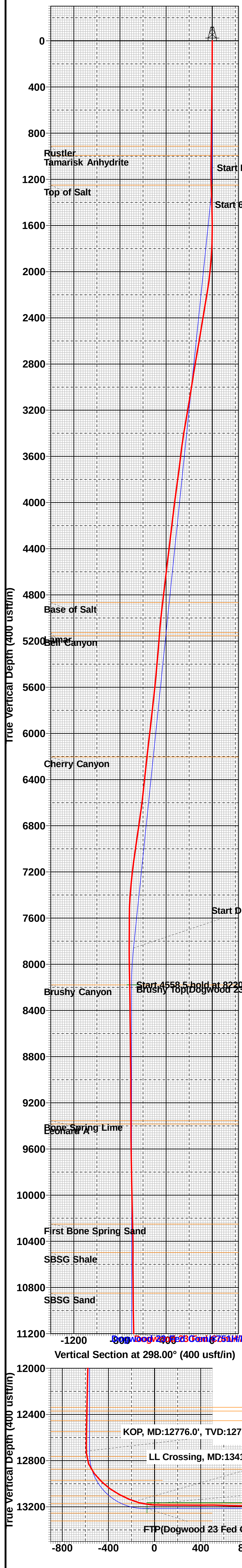
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
1420.2	6.40	140.94	1419.5	-13.9	11.3	2.00	140.94	-13.3	
7900.6	6.40	140.94	7859.5	-575.1	466.7	0.00	0.00	-550.6	
8220.8	0.00	0.00	8179.0	-589.0	478.0	2.00	180.00	-563.9	Brushy Top(Dogwood 23 Fed Com #751H)
12779.3	0.00	0.00	12737.5	-589.0	478.0	0.00	0.00	-563.9	
13530.0	90.09	10.30	13215.0	-118.5	563.5	12.00	10.30	-89.7	
13887.0	90.09	359.59	13214.4	236.7	594.2	3.00	-89.99	266.6	
16657.1	90.09	359.59	13210.0	3006.7	574.4	0.00	0.00	3032.0	TGT#1(Dogwood 23 Fed Com #751H)
16666.7	90.28	359.59	13210.0	3016.2	574.3	2.00	-1.33	3041.6	TGT#2(Dogwood 23 Fed Com #751H)
20726.0	90.28	359.59	13190.0	7075.4	545.0	0.00	0.00	7094.0	
20734.5	90.45	359.59	13189.9	7083.9	544.9	2.00	0.00	7102.4	
23901.8	90.45	359.59	13165.0	10251.0	522.0	0.00	0.00	10264.3	PBHL(Dogwood 23 Fed Com #751H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Dogwood 23 Fed Com #751H)	8179.0	-589.0	478.0	372145.00	787712.00
PBHL(Dogwood 23 Fed Com #751H)	13165.0	10251.0	522.0	382985.00	787756.00
TGT#2(Dogwood 23 Fed Com #751H)	13190.0	7075.4	545.0	379809.40	787778.97
TGT#1(Dogwood 23 Fed Com #751H)	13210.0	3006.7	574.4	375740.70	787808.41
FTP(Dogwood 23 Fed Com #751H)	13215.0	-96.0	597.0	372638.00	787831.00



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name		
								DOGWOOD 23 FEDERAL COM 6. Well Number: 751H		
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							SANDERS TANK; 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	23	26S	33E		200	SOUTH	1646	EAST	LEA
BH:	A	14	26S	33E		110	NORTH	1048	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.)		
04/02/2021	04/30/2021		05/03/2021			07/12/2021		3318' GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
MD 23,883' TVD 13,191'			MD 23,857' TVD 13,191'			YES		None		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
WOLFCAMP 13,566 - 23,857'										
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		1045'		12 1/4"		480 CL C/CIRC		
7 5/8"		29.7# ECP 110		12,714'		8 3/4"		1552 CL C & H/ CIRC		
5 1/2"		20# HCP 110		23,866'		6 3/4"		955 CL H TOC 7730' 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.					
13,566 -23,857' 3 1/8", 3000 holes					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					13,566-23,857'		FRAC W/24,909,840 lbs proppant, 465,491 bbls load fld			
PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
07/12/2021		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
07/16/2021	24			2196	4841	11549	2205			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	2105					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										
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 07/19/2021	
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	923'	T. Canyon	Brushy	8189'	T. Ojo Alamo	T. Penn A "
T. Salt		1260'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4877'	T. Atoka			T. Fruitland	T. Penn. "C"
T. Yates			T. Miss			T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers			T. Devonian			T. Cliff House	T. Leadville
T. Queen			T. Silurian			T. Menefee	T. Madison
T. Grayburg			T. Montoya			T. Point Lookout	T. Elbert
T. San Andres			T. Simpson			T. Mancos	T. McCracken
T. Glorieta			T. McKee			T. Gallup	T. Ignacio Otzte
T. Paddock			T. Ellenburger			Base Greenhorn	T. Granite
T. Blinebry			T. Gr. Wash			T. Dakota	
T. Tubb			T. Delaware Sand			T. Morrison	
T. Drinkard			T. Bone Springs			T. Todilto	
T. Abo			T. 1st BS Sand	10,261'		T. Entrada	
T. Wolfcamp	12,348'		T. 2nd BS Sand	10,859'		T. Wingate	
T. Penn			T. 3rd BS Sand	11,924'		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

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 36984

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 36984
	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
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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 36984

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 36984
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/1/2021