

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 07/12/2021
⁴ API Number 30 - 025-47408	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 722H

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
N	23	26S	33E		194	SOUTH	2316	WEST	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	14	26S	33E		109	NORTH	1932	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	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
04/01/2021	07/12/2021	23,514	23,514	13,196-23,514	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4	9 5/8"	984'	425 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,900'	1770 SXS CL C&H/CIRC		
6 3/4"	5 1/2"	23,486'	1110 SXS CL H TOC 11,105' CBL		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
07/12/2021	07/12/2021	07/17/2021	24 HRS		937
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
	1039	7147	1984		

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: 07/19/2021 Phone: 432-638-8475

OIL CONSERVATION DIVISION
Approved by: PATRICIA MARTINEZ
Title: PETROLEUM SPECIALIST
Approval Date: 9/1/2021

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 30-025-47408		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 722H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3305'

¹⁰Surface Location

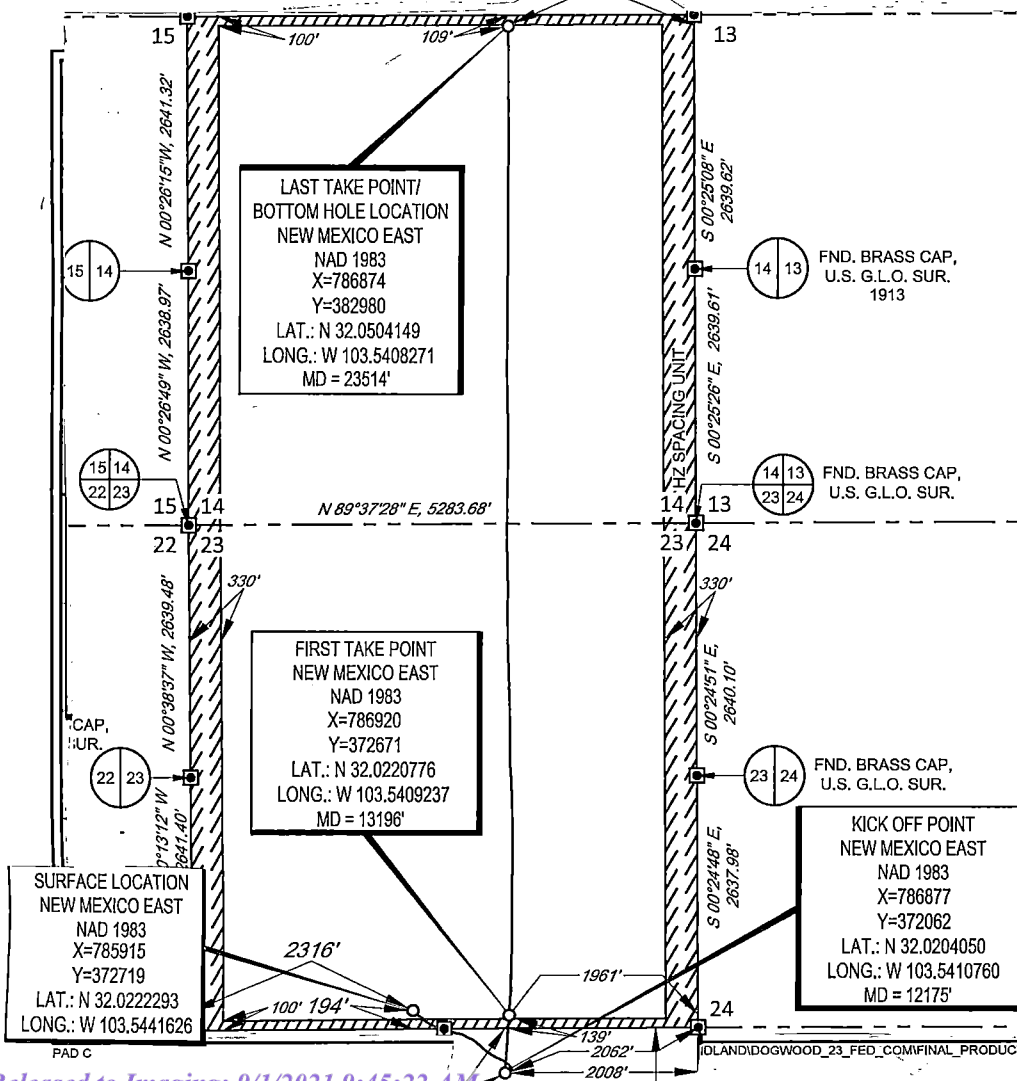
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	26-S	33-E	-	194'	SOUTH	2316'	WEST	LEA

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	14	26-S	33-E	-	109'	NORTH	1932'	EAST	LEA

¹² Dedicated Acres 1280	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until ¹¹1932' rests 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.

Kay Maddox 07/15/2021
Signature Date

KAY MADDOX
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.

02/22/2021
Date of Survey

Ramon A. Dominguez
Signature and Seal of Professional Surveyor

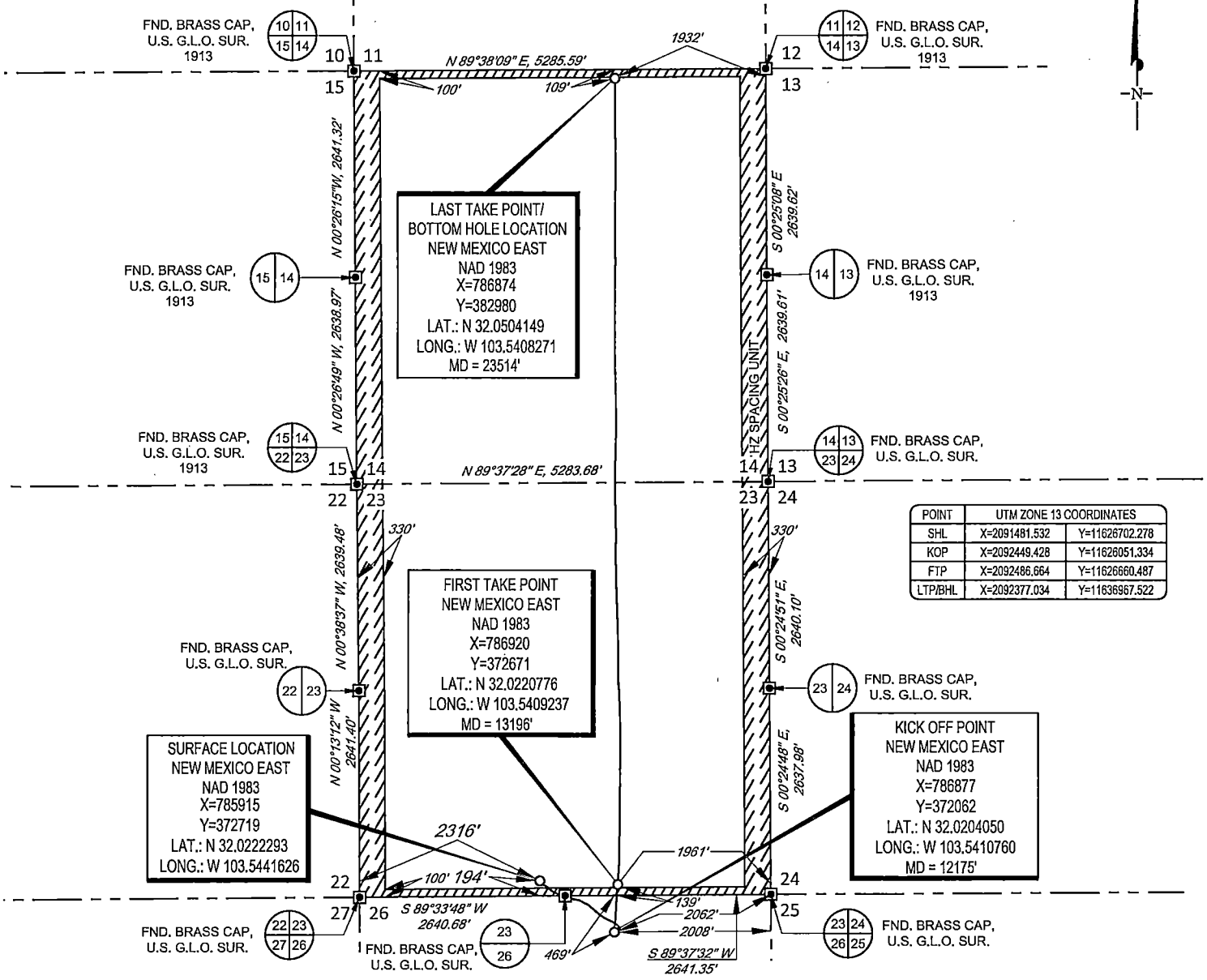
RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

SECTION 23, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

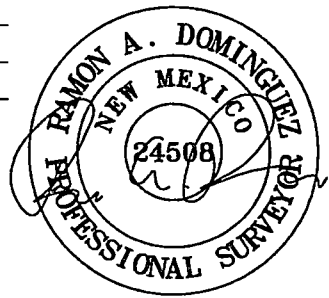
SCALE: 1" = 2000'

0' 1000' 2000'



POINT	UTM ZONE 13 COORDINATES	
SHL	X=2091481.532	Y=11626702.278
KOP	X=2092449.428	Y=11626051.334
FTP	X=2092486.664	Y=11626660.487
LTP/BHL	X=2092377.034	Y=11636967.522

LEASE NAME & WELL NO.: DOGWOOD 23 FED COM 722H
 SECTION 23 TWP 26-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3305'
 DESCRIPTION 194' FSL & 2316' FWL



TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

Ramon A. Dominguez, P.S. No. 24508
 June 24, 2021



DOGWOOD 23 FED COM 722H AS-COMPLETE	REVISION:
DATE: 06/23/2021	
FILE:AD_DOGWOOD_23_FED_COM_722H	
DRAWN BY: A.V.F.	
SHEET: 1 OF 1	

NOTES:
 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
 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.



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Dogwood 23 Fed Com

#722H

OH

Design: OH

Midland PVA

03 May, 2021



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #722H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3331.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 26' @ 3331.0usft
Well:	#722H	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	#722H					
Well Position	+N/-S	0.0 usft	Northing:	372,719.00 usft	Latitude:	32° 1' 20.025 N
	+E/-W	0.0 usft	Easting:	785,915.00 usft	Longitude:	103° 32' 38.990 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,305.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/18/2021	6.54	59.73	47,394.26885492

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	5.35

Survey Program	Date	5/3/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
180.0	23,514.0	Driltech (OH)	EOG MWD+IFR1	MWD + IFR1

EOG Resources

Midland PVA



Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dogwood 23 Fed Com
Well: #722H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #722H
TVD Reference: KB = 26' @ 3331.0usft
MD Reference: KB = 26' @ 3331.0usft
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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
180.0	0.26	152.18	180.0	-0.4	0.2	0.14	0.14	0.00	-0.4	0.0	
209.0	0.35	135.66	209.0	-0.5	0.3	0.43	0.31	-56.97	-0.5	-0.1	
296.0	0.44	148.93	296.0	-1.0	0.6	0.15	0.10	15.25	-1.2	0.1	
472.0	0.44	153.24	472.0	-2.1	1.3	0.02	0.00	2.45	-2.5	0.2	
560.0	0.44	159.30	560.0	-2.8	1.6	0.05	0.00	6.89	-3.1	0.5	
659.0	0.35	165.98	659.0	-3.4	1.8	0.10	-0.09	6.75	-3.7	0.9	
755.0	0.44	186.46	755.0	-4.1	1.8	0.17	0.09	21.33	-3.8	2.2	
851.0	0.44	219.86	851.0	-4.7	1.5	0.26	0.00	34.79	-2.6	4.2	
919.0	0.35	228.47	919.0	-5.0	1.2	0.16	-0.13	12.66	-2.4	4.6	
1,035.0	0.62	229.09	1,035.0	-5.7	0.5	0.23	0.23	0.53	-3.4	4.4	
1,123.0	2.90	146.56	1,122.9	-7.9	1.3	3.28	2.59	-93.78	-4.9	-4.4	
1,219.0	6.06	131.71	1,218.6	-13.3	6.5	3.48	3.29	-15.47	-5.5	-7.4	
1,315.0	8.70	124.94	1,313.8	-20.8	16.2	2.89	2.75	-7.05	-8.0	-9.4	
1,411.0	10.20	129.77	1,408.5	-30.4	28.7	1.77	1.56	5.03	-12.5	-10.2	
1,507.0	11.25	126.26	1,502.8	-41.4	42.8	1.29	1.09	-3.66	-14.5	-13.3	
1,603.0	12.13	125.47	1,596.9	-52.8	58.5	0.93	0.92	-0.82	-16.0	-15.5	
1,699.0	12.39	125.56	1,690.7	-64.6	75.1	0.27	0.27	0.09	-18.3	-17.3	
1,795.0	12.39	125.56	1,784.4	-76.6	91.9	0.00	0.00	0.00	-20.8	-19.2	
1,891.0	12.39	125.91	1,878.2	-88.6	108.6	0.08	0.00	0.36	-23.5	-21.1	
1,987.0	12.57	127.67	1,971.9	-101.0	125.2	0.44	0.19	1.83	-26.9	-22.6	
2,083.0	12.39	128.90	2,065.7	-113.9	141.5	0.33	-0.19	1.28	-30.2	-24.8	
2,179.0	12.30	128.28	2,159.4	-126.7	157.5	0.17	-0.09	-0.65	-32.5	-27.9	
2,371.0	14.77	115.80	2,346.1	-150.0	195.6	1.99	1.29	-6.50	-34.1	-36.2	
2,467.0	14.85	114.92	2,438.9	-160.5	217.8	0.25	0.08	-0.92	-40.1	-35.5	
2,563.0	15.12	115.89	2,531.7	-171.2	240.2	0.38	0.28	1.01	-47.5	-33.5	
2,658.0	15.47	115.36	2,623.3	-182.0	262.8	0.40	0.37	-0.56	-54.5	-32.7	

EOG Resources

Midland PVA



Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dogwood 23 Fed Com
Well: #722H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #722H
TVD Reference: KB = 26' @ 3331.0usft
MD Reference: KB = 26' @ 3331.0usft
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)	
2,754.0	14.59	113.78	2,716.0	-192.4	285.5	1.01	-0.92	-1.65	-60.5	-32.7	
2,850.0	11.25	105.52	2,809.6	-199.8	305.6	3.97	-3.48	-8.60	-59.1	-38.1	
2,946.0	11.16	104.11	2,903.8	-204.5	323.6	0.30	-0.09	-1.47	-59.2	-34.9	
3,042.0	11.60	102.53	2,997.9	-208.9	342.0	0.56	0.46	-1.65	-59.8	-31.4	
3,137.0	11.69	102.09	3,090.9	-213.0	360.8	0.13	0.09	-0.46	-61.5	-26.5	
3,233.0	12.30	102.09	3,184.8	-217.2	380.3	0.64	0.64	0.00	-64.1	-21.1	
3,329.0	13.01	104.11	3,278.5	-221.9	400.7	0.87	0.74	2.10	-68.3	-13.7	
3,425.0	11.07	105.61	3,372.4	-227.0	420.1	2.05	-2.02	1.56	-71.0	-7.2	
3,521.0	11.16	105.69	3,466.6	-232.0	437.9	0.10	0.09	0.08	-71.9	-2.8	
3,617.0	10.46	104.64	3,560.9	-236.8	455.3	0.76	-0.73	-1.09	-72.2	0.5	
3,712.0	11.69	100.16	3,654.1	-240.6	473.1	1.58	1.29	-4.72	-73.2	0.2	
3,808.0	12.92	99.01	3,747.9	-244.0	493.3	1.31	1.28	-1.20	-76.7	5.0	
3,904.0	12.66	106.13	3,841.5	-248.6	514.0	1.66	-0.27	7.42	-79.0	19.9	
4,000.0	10.37	116.77	3,935.6	-255.4	531.8	3.24	-2.39	11.08	-74.9	36.7	
4,096.0	10.02	123.89	4,030.1	-264.0	546.5	1.36	-0.36	7.42	-68.6	45.2	
4,192.0	9.32	121.25	4,124.7	-272.7	560.0	0.86	-0.73	-2.75	-68.5	41.2	
4,288.0	8.35	118.00	4,219.6	-280.0	572.8	1.14	-1.01	-3.39	-67.1	37.4	
4,384.0	7.73	113.87	4,314.6	-285.9	584.9	0.88	-0.65	-4.30	-64.8	33.8	
4,480.0	6.94	102.35	4,409.9	-289.7	596.5	1.73	-0.82	-12.00	-64.9	24.5	
4,576.0	8.79	119.23	4,505.0	-294.6	608.5	3.06	1.93	17.58	-49.8	43.8	
4,671.0	9.67	129.51	4,598.7	-303.2	621.0	1.96	0.93	10.82	-38.6	50.0	
4,767.0	10.55	128.46	4,693.2	-313.8	634.1	0.94	0.92	-1.09	-38.4	46.4	
4,863.0	11.34	130.04	4,787.5	-325.3	648.2	0.88	0.82	1.65	-37.4	44.3	
4,959.0	10.72	127.84	4,881.7	-336.9	662.5	0.78	-0.65	-2.29	-39.4	39.9	
5,055.0	8.88	127.84	4,976.3	-346.9	675.4	1.92	-1.92	0.00	-37.7	37.3	
5,150.0	7.38	127.58	5,070.4	-355.1	686.1	1.58	-1.58	-0.27	-33.3	34.6	
5,246.0	6.86	131.53	5,165.6	-362.7	695.2	0.74	-0.54	4.11	-24.9	33.5	

EOG Resources

Midland PVA



Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dogwood 23 Fed Com
Well: #722H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #722H
TVD Reference: KB = 26' @ 3331.0usft
MD Reference: KB = 26' @ 3331.0usft
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)		
5,342.0	8.61	133.55	5,260.7	-371.4	704.7	1.84	1.82	2.10	-18.9	30.1		
5,438.0	8.79	134.08	5,355.6	-381.5	715.2	0.21	0.19	0.55	-15.5	25.7		
5,534.0	8.53	133.29	5,450.5	-391.5	725.7	0.30	-0.27	-0.82	-12.5	21.1		
5,630.0	8.53	132.85	5,545.5	-401.2	736.1	0.07	0.00	-0.46	-9.1	16.8		
5,726.0	9.67	130.57	5,640.3	-411.3	747.4	1.25	1.19	-2.37	-7.0	12.6		
5,822.0	9.67	129.51	5,734.9	-421.6	759.8	0.19	0.00	-1.10	-5.4	9.2		
5,918.0	10.02	127.05	5,829.5	-431.8	772.6	0.57	0.36	-2.56	-4.1	6.3		
6,014.0	9.84	124.68	5,924.1	-441.5	786.1	0.47	-0.19	-2.47	-2.7	4.1		
6,110.0	9.93	122.22	6,018.6	-450.6	799.8	0.45	0.09	-2.56	-1.2	2.8		
6,205.0	9.40	120.55	6,112.3	-458.9	813.4	0.63	-0.56	-1.76	0.9	2.2		
6,301.0	8.09	120.99	6,207.2	-466.4	826.0	1.37	-1.36	0.46	4.5	1.8		
6,397.0	8.44	120.90	6,302.2	-473.4	837.8	0.36	0.36	-0.09	9.0	1.4		
6,493.0	8.09	119.22	6,397.2	-480.4	849.7	0.44	-0.36	-1.75	13.4	1.6		
6,589.0	7.65	116.68	6,492.3	-486.5	861.3	0.58	-0.46	-2.65	18.5	2.8		
6,685.0	8.00	115.09	6,587.4	-492.2	873.1	0.43	0.36	-1.66	23.6	4.5		
6,781.0	7.73	115.53	6,682.5	-497.8	885.0	0.29	-0.28	0.46	28.7	5.7		
6,877.0	7.47	114.30	6,777.6	-503.2	896.5	0.32	-0.27	-1.28	34.1	7.8		
7,068.0	7.12	113.95	6,967.1	-513.1	918.6	0.18	-0.18	-0.18	46.0	11.5		
7,164.0	7.21	115.88	7,062.3	-518.2	929.5	0.27	0.09	2.01	52.6	11.3		
7,260.0	6.77	117.47	7,157.6	-523.4	939.9	0.50	-0.46	1.66	59.5	10.7		
7,356.0	6.59	124.15	7,253.0	-529.1	949.5	0.83	-0.19	6.96	67.0	3.1		
7,547.0	6.24	124.85	7,442.8	-541.2	967.1	0.19	-0.18	0.37	72.3	-0.1		
7,643.0	5.89	128.63	7,538.2	-547.2	975.2	0.55	-0.36	3.94	70.3	-5.9		
7,739.0	5.19	130.65	7,633.8	-553.1	982.4	0.76	-0.73	2.10	65.9	-9.2		
7,834.0	4.66	132.32	7,728.4	-558.5	988.5	0.58	-0.56	1.76	59.3	-11.5		
7,930.0	4.66	135.92	7,824.1	-564.0	994.1	0.30	0.00	3.75	50.6	-14.9		
8,122.0	3.78	133.90	8,015.6	-574.0	1,004.1	0.46	-0.46	-1.05	37.0	-13.4		

EOG Resources

Midland PVA



Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Dogwood 23 Fed Com
 Well: #722H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #722H
 TVD Reference: KB = 26' @ 3331.0usft
 MD Reference: KB = 26' @ 3331.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM

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)
8,314.0	3.78	141.90	8,207.2	-583.3	1,012.5	0.27	0.00	4.17	22.2	-17.5
8,410.0	3.87	142.16	8,303.0	-588.4	1,016.5	0.10	0.09	0.27	15.7	-17.6
8,506.0	3.78	142.96	8,398.7	-593.5	1,020.3	0.11	-0.09	0.83	9.1	-17.8
8,697.0	2.90	144.89	8,589.4	-602.4	1,026.9	0.46	-0.46	1.01	-2.6	-17.9
8,888.0	2.81	160.01	8,780.2	-610.8	1,031.3	0.40	-0.05	7.92	-16.6	-15.3
8,983.0	2.37	168.18	8,875.1	-614.9	1,032.5	0.60	-0.46	8.60	-22.8	-12.5
9,175.0	1.76	193.67	9,067.0	-621.7	1,032.6	0.57	-0.32	13.28	-32.5	0.3
9,271.0	1.32	206.85	9,162.9	-624.1	1,031.8	0.59	-0.46	13.73	-34.1	8.0
9,368.0	1.49	206.32	9,259.9	-626.2	1,030.7	0.18	0.18	-0.55	-36.6	7.7
9,559.0	0.88	216.87	9,450.9	-629.6	1,028.7	0.34	-0.32	5.52	-38.4	14.7
9,655.0	0.70	219.86	9,546.9	-630.6	1,027.9	0.19	-0.19	3.11	-38.9	16.8
9,752.0	1.14	269.61	9,643.8	-631.1	1,026.6	0.90	0.45	51.29	-13.7	41.0
9,847.0	1.49	240.87	9,738.8	-631.7	1,024.5	0.77	0.37	-30.25	-33.8	28.9
9,943.0	1.58	234.27	9,834.8	-633.1	1,022.4	0.21	0.09	-6.87	-39.5	24.7
10,039.0	1.93	220.65	9,930.7	-635.1	1,020.2	0.56	0.36	-14.19	-47.1	14.4
10,134.0	2.20	235.77	10,025.7	-637.3	1,017.7	0.64	0.28	15.92	-45.1	26.6
10,230.0	2.29	230.49	10,121.6	-639.6	1,014.7	0.23	0.09	-5.50	-51.1	22.2
10,326.0	2.29	239.55	10,217.5	-641.8	1,011.6	0.38	0.00	9.44	-50.7	30.2
10,422.0	2.29	238.76	10,313.5	-643.7	1,008.3	0.03	0.00	-0.82	-55.0	29.5
10,517.0	1.32	254.14	10,408.4	-645.0	1,005.6	1.13	-1.02	16.19	-48.1	43.5
10,613.0	0.88	261.96	10,504.4	-645.4	1,003.8	0.48	-0.46	8.15	-43.6	49.8
10,709.0	1.23	284.28	10,600.4	-645.3	1,002.1	0.56	0.36	23.25	-23.1	62.9
10,805.0	1.14	280.42	10,696.4	-644.9	1,000.1	0.13	-0.09	-4.02	-29.3	61.2
10,901.0	1.23	289.47	10,792.3	-644.3	998.2	0.22	0.09	9.43	-21.3	65.2
10,996.0	1.41	289.91	10,887.3	-643.6	996.2	0.19	0.19	0.46	-23.0	65.3
11,092.0	0.88	260.64	10,983.3	-643.3	994.3	0.81	-0.55	-30.49	-53.7	45.2
11,188.0	1.76	209.31	11,079.3	-644.7	992.9	1.45	0.92	-53.47	-70.8	-14.3

EOG Resources

Midland PVA



Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Dogwood 23 Fed Com
 Well: #722H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #722H
 TVD Reference: KB = 26' @ 3331.0usft
 MD Reference: KB = 26' @ 3331.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM

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)
11,284.0	2.37	234.27	11,175.2	-647.2	990.5	1.12	0.64	26.00	-73.5	17.5
11,380.0	2.20	226.89	11,271.1	-649.6	987.6	0.35	-0.18	-7.69	-79.0	7.7
11,476.0	2.20	242.89	11,367.1	-651.7	984.6	0.64	0.00	16.67	-77.4	29.7
11,667.0	1.93	250.62	11,557.9	-654.4	978.3	0.20	-0.14	4.05	-79.6	40.3
11,763.0	2.72	262.13	11,653.9	-655.3	974.5	0.95	0.82	11.99	-73.8	55.7
11,845.0	2.11	267.50	11,735.8	-655.6	971.1	0.79	-0.74	6.55	-71.7	62.6
11,997.0	1.23	267.76	11,887.7	-655.8	966.7	0.58	-0.58	0.17	-75.9	62.9
12,093.0	1.93	253.34	11,983.7	-656.3	964.1	0.83	0.73	-15.02	-91.7	41.8
12,175.0	1.77	272.28	12,065.6	-656.6	961.5	0.77	-0.20	23.10	-75.8	69.7
KOP, MD:12175.0', TVD:12065.6', N/S:-656.6', E/W:961.5', INC:1.77										
12,202.0	1.76	279.01	12,092.6	-656.6	960.7	0.77	-0.03	24.93	-67.9	78.2
12,298.0	4.48	354.86	12,188.5	-652.6	958.9	4.58	2.83	79.01	54.9	86.5
12,393.0	15.21	0.66	12,282.0	-636.4	958.7	11.33	11.29	6.11	46.1	81.5
12,489.0	23.64	6.46	12,372.4	-604.6	961.0	9.00	8.78	6.04	31.1	76.3
12,585.0	31.03	7.60	12,457.7	-560.9	966.4	7.72	7.70	1.19	13.6	72.2
12,681.0	43.95	5.67	12,533.7	-503.0	973.0	13.51	13.46	-2.01	-6.2	67.0
12,777.0	53.09	4.09	12,597.2	-431.4	979.1	9.60	9.52	-1.65	-23.8	61.1
12,874.0	62.05	3.03	12,649.2	-349.8	984.1	9.28	9.24	-1.09	-36.0	55.2
12,970.0	70.49	3.47	12,687.7	-262.1	989.1	8.80	8.79	0.46	-40.8	49.4
13,049.8	69.24	3.47	12,715.2	-187.3	993.6	1.56	-1.56	0.00	-33.2	44.4
LL Crossing, MD:13049.8', TVD:12715.2', N/S:-187.3', E/W:993.6', INC:69.24										
13,066.0	68.99	3.47	12,721.0	-172.2	994.6	1.56	-1.56	0.00	-29.7	43.3
13,156.4	72.25	4.97	12,751.0	-87.2	1,000.8	3.94	3.61	1.66	-3.8	35.6
FTP Crossing, MD:13156.4', TVD:12751.0', N/S:-87.2', E/W:1000.8', INC:72.25										
13,161.0	72.42	5.05	12,752.4	-82.8	1,001.2	3.94	3.62	1.63	-2.4	35.2
13,257.0	81.30	4.79	12,774.2	10.3	1,009.2	9.25	9.25	-0.27	18.3	26.3
13,352.0	86.92	3.38	12,783.9	104.5	1,016.0	6.10	5.92	-1.48	27.9	18.9

EOG Resources

Midland PVA



Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dogwood 23 Fed Com
Well: #722H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #722H
TVD Reference: KB = 26' @ 3331.0usft
MD Reference: KB = 26' @ 3331.0usft
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)		
13,448.0	89.65	1.80	12,786.8	200.3	1,020.3	3.29	2.84	-1.65	30.8	13.9		
13,544.0	91.23	1.10	12,786.1	296.3	1,022.7	1.80	1.65	-0.73	30.0	10.8		
13,641.0	91.23	0.75	12,784.0	393.2	1,024.3	0.36	0.00	-0.36	27.9	8.5		
13,736.0	92.11	1.10	12,781.2	488.2	1,025.8	1.00	0.93	0.37	25.1	6.3		
13,832.0	92.20	0.92	12,777.6	584.1	1,027.5	0.21	0.09	-0.19	21.5	3.9		
13,928.0	91.49	0.31	12,774.5	680.1	1,028.5	0.97	-0.74	-0.64	18.4	2.2		
14,024.0	91.67	359.87	12,771.9	776.0	1,028.7	0.50	0.19	-0.46	15.7	1.3		
14,120.0	89.56	0.13	12,770.8	872.0	1,028.7	2.21	-2.20	0.27	14.6	0.6		
14,216.0	89.30	0.04	12,771.8	968.0	1,028.8	0.29	-0.27	-0.09	15.6	-0.2		
14,312.0	89.30	0.48	12,773.0	1,064.0	1,029.3	0.46	0.00	0.46	16.7	-1.3		
14,407.0	89.74	1.10	12,773.8	1,159.0	1,030.6	0.80	0.46	0.65	17.5	-3.3		
14,503.0	89.03	0.40	12,774.8	1,255.0	1,031.8	1.04	-0.74	-0.73	18.5	-5.3		
14,598.0	90.18	0.75	12,775.4	1,350.0	1,032.8	1.27	1.21	0.37	19.1	-6.9		
14,694.0	92.20	1.54	12,773.4	1,445.9	1,034.7	2.26	2.10	0.82	17.1	-9.5		
14,790.0	89.38	0.13	12,772.1	1,541.9	1,036.1	3.28	-2.94	-1.47	15.8	-11.6		
14,885.0	88.77	359.87	12,773.7	1,636.9	1,036.1	0.70	-0.64	-0.27	17.3	-12.3		
14,982.0	88.51	359.87	12,776.0	1,733.8	1,035.9	0.27	-0.27	0.00	19.6	-12.8		
15,077.0	87.71	359.43	12,779.1	1,828.8	1,035.3	0.96	-0.84	-0.46	22.7	-12.9		
15,173.0	90.18	359.61	12,780.9	1,924.8	1,034.5	2.58	2.57	0.19	24.4	-12.8		
15,269.0	89.82	358.90	12,780.9	2,020.7	1,033.3	0.83	-0.37	-0.74	24.4	-12.3		
15,364.0	91.49	358.73	12,779.8	2,115.7	1,031.3	1.77	1.76	-0.18	23.3	-11.0		
15,460.0	88.86	356.97	12,779.5	2,211.6	1,027.7	3.30	-2.74	-1.83	23.0	-8.1		
15,555.0	91.67	358.11	12,779.0	2,306.5	1,023.6	3.19	2.96	1.20	22.5	-4.7		
15,651.0	91.93	356.97	12,776.0	2,402.4	1,019.5	1.22	0.27	-1.19	19.5	-1.3		
15,747.0	91.85	356.44	12,772.9	2,498.2	1,014.0	0.56	-0.08	-0.55	16.3	3.5		
15,843.0	96.68	357.93	12,765.7	2,593.8	1,009.3	5.26	5.03	1.55	9.1	7.5		
15,939.0	94.92	358.55	12,756.0	2,689.2	1,006.3	1.94	-1.83	0.65	-0.6	9.8		

EOG Resources

Midland PVA



Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dogwood 23 Fed Com
Well: #722H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #722H
TVD Reference: KB = 26' @ 3331.0usft
MD Reference: KB = 26' @ 3331.0usft
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)	
16,035.0	90.97	1.36	12,751.1	2,785.1	1,006.3	5.05	-4.11	2.93	-5.6	9.1	
16,130.0	90.26	0.92	12,750.1	2,880.1	1,008.2	0.88	-0.75	-0.46	-6.6	6.5	
16,226.0	84.46	359.34	12,754.5	2,975.9	1,008.4	6.26	-6.04	-1.65	-2.2	5.6	
16,322.0	86.75	359.34	12,761.8	3,071.6	1,007.3	2.39	2.39	0.00	5.1	6.0	
16,418.0	85.87	358.55	12,768.0	3,167.4	1,005.5	1.23	-0.92	-0.82	11.3	7.1	
16,514.0	86.75	358.11	12,774.2	3,263.2	1,002.7	1.02	0.92	-0.46	17.4	9.2	
16,611.0	88.86	357.67	12,777.9	3,360.0	999.2	2.22	2.18	-0.45	21.1	12.0	
16,707.0	90.00	357.85	12,778.9	3,455.9	995.4	1.20	1.19	0.19	22.1	15.1	
16,802.0	90.09	357.93	12,778.8	3,550.9	991.9	0.13	0.09	0.08	22.0	17.9	
16,898.0	90.44	357.85	12,778.4	3,646.8	988.4	0.37	0.36	-0.08	21.5	20.7	
16,994.0	90.35	357.23	12,777.7	3,742.7	984.3	0.65	-0.09	-0.65	20.8	24.2	
17,090.0	89.91	358.11	12,777.5	3,838.6	980.3	1.02	-0.46	0.92	20.6	27.4	
17,186.0	89.91	359.08	12,777.6	3,934.6	978.0	1.01	0.00	1.01	20.7	29.0	
17,282.0	91.23	359.08	12,776.7	4,030.6	976.5	1.37	1.37	0.00	19.7	29.9	
17,378.0	90.26	359.25	12,775.4	4,126.6	975.1	1.03	-1.01	0.18	18.5	30.6	
17,474.0	90.70	0.48	12,774.6	4,222.6	974.8	1.36	0.46	1.28	17.6	30.1	
17,570.0	93.25	2.24	12,771.3	4,318.5	977.1	3.23	2.66	1.83	14.2	27.1	
17,666.0	90.53	359.78	12,768.1	4,414.4	978.8	3.82	-2.83	-2.56	11.1	24.7	
17,762.0	89.12	358.73	12,768.4	4,510.4	977.5	1.83	-1.47	-1.09	11.4	25.3	
17,858.0	89.38	358.81	12,769.7	4,606.3	975.5	0.28	0.27	0.08	12.6	26.6	
17,954.0	89.38	357.67	12,770.7	4,702.3	972.5	1.19	0.00	-1.19	13.6	28.9	
18,050.0	88.24	359.08	12,772.7	4,798.2	969.8	1.89	-1.19	1.47	15.6	30.9	
18,146.0	87.71	358.64	12,776.1	4,894.1	967.9	0.72	-0.55	-0.46	18.9	32.1	
18,242.0	88.42	359.87	12,779.4	4,990.1	966.7	1.48	0.74	1.28	22.2	32.7	
18,338.0	90.44	0.40	12,780.3	5,086.1	966.9	2.18	2.10	0.55	23.1	31.7	
18,434.0	89.91	0.57	12,780.0	5,182.1	967.7	0.58	-0.55	0.18	22.8	30.2	
18,530.0	91.85	1.19	12,778.5	5,278.0	969.2	2.12	2.02	0.65	21.3	28.1	

EOG Resources

Midland PVA



Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Dogwood 23 Fed Com
Well: #722H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #722H
TVD Reference: KB = 26' @ 3331.0usft
MD Reference: KB = 26' @ 3331.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

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)
18,626.0	91.32	0.75	12,775.9	5,374.0	970.8	0.72	-0.55	-0.46	18.6	25.7
18,722.0	92.90	1.36	12,772.4	5,469.9	972.6	1.76	1.65	0.64	15.0	23.3
18,818.0	93.60	1.01	12,766.9	5,565.7	974.5	0.81	0.73	-0.36	9.6	20.6
18,914.0	93.78	2.24	12,760.7	5,661.5	977.3	1.29	0.19	1.28	3.4	17.2
19,009.0	89.30	359.87	12,758.2	5,756.4	979.0	5.33	-4.72	-2.49	0.8	14.7
19,105.0	86.92	358.64	12,761.4	5,852.3	977.8	2.79	-2.48	-1.28	4.0	15.3
19,200.0	89.12	0.04	12,764.6	5,947.3	976.7	2.74	2.32	1.47	7.2	15.7
19,296.0	90.88	359.87	12,764.6	6,043.3	976.6	1.84	1.83	-0.18	7.2	15.1
19,391.0	92.02	358.90	12,762.2	6,138.2	975.6	1.58	1.20	-1.02	4.8	15.4
19,487.0	90.97	358.55	12,759.7	6,234.2	973.4	1.15	-1.09	-0.36	2.3	16.8
19,583.0	89.65	358.81	12,759.2	6,330.1	971.2	1.40	-1.37	0.27	1.7	18.3
19,680.0	87.98	358.38	12,761.2	6,427.1	968.8	1.78	-1.72	-0.44	3.7	20.0
19,775.0	91.85	359.25	12,761.4	6,522.0	966.9	4.18	4.07	0.92	3.8	21.3
19,871.0	91.67	359.25	12,758.4	6,618.0	965.6	0.19	-0.19	0.00	0.9	21.8
19,967.0	88.51	357.14	12,758.3	6,713.9	962.6	3.96	-3.29	-2.20	0.7	24.2
20,063.0	89.12	359.87	12,760.2	6,809.9	960.1	2.91	0.64	2.84	2.6	26.0
20,159.0	88.77	359.52	12,762.0	6,905.8	959.6	0.52	-0.36	-0.36	4.4	25.8
20,254.0	89.65	0.92	12,763.3	7,000.8	960.0	1.74	0.93	1.47	5.7	24.7
20,350.0	90.00	0.22	12,763.6	7,096.8	960.9	0.82	0.36	-0.73	5.9	23.1
20,446.0	90.70	359.08	12,763.0	7,192.8	960.3	1.39	0.73	-1.19	5.3	22.9
20,542.0	91.32	1.71	12,761.3	7,288.8	961.0	2.81	0.65	2.74	3.6	21.6
20,638.0	89.38	0.04	12,760.7	7,384.8	962.5	2.67	-2.02	-1.74	3.0	19.4
20,734.0	88.68	358.64	12,762.4	7,480.7	961.3	1.63	-0.73	-1.46	4.6	19.8
20,830.0	90.00	0.57	12,763.5	7,576.7	960.7	2.44	1.37	2.01	5.7	19.8
20,926.0	89.82	1.98	12,763.6	7,672.7	962.8	1.48	-0.19	1.47	5.8	16.9
21,023.0	90.35	1.28	12,763.5	7,769.7	965.6	0.91	0.55	-0.72	5.7	13.5
21,119.0	90.26	0.57	12,763.0	7,865.6	967.1	0.75	-0.09	-0.74	5.1	11.2

EOG Resources

Midland PVA



Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Dogwood 23 Fed Com
 Well: #722H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #722H
 TVD Reference: KB = 26' @ 3331.0usft
 MD Reference: KB = 26' @ 3331.0usft
 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)		
21,214.0	89.21	358.90	12,763.4	7,960.6	966.7	2.08	-1.11	-1.76	5.5	11.0		
21,310.0	89.56	359.25	12,764.4	8,056.6	965.1	0.52	0.36	0.36	6.5	11.8		
21,406.0	89.56	359.17	12,765.2	8,152.6	963.8	0.08	0.00	-0.08	7.3	12.5		
21,502.0	90.62	359.96	12,765.0	8,248.6	963.1	1.38	1.10	0.82	7.1	12.5		
21,597.0	89.91	359.69	12,764.6	8,343.6	962.8	0.80	-0.75	-0.28	6.6	12.1		
21,693.0	91.23	1.54	12,763.6	8,439.6	963.8	2.37	1.37	1.93	5.6	10.3		
21,789.0	90.70	0.22	12,762.0	8,535.6	965.3	1.48	-0.55	-1.37	4.0	8.2		
21,885.0	90.44	359.69	12,761.1	8,631.6	965.2	0.61	-0.27	-0.55	2.7	7.6		
21,981.0	90.35	0.57	12,760.4	8,727.5	965.4	0.92	-0.09	0.92	1.8	6.6		
22,077.0	92.02	1.63	12,758.4	8,823.5	967.3	2.06	1.74	1.10	-0.5	4.1		
22,173.0	91.41	0.22	12,755.5	8,919.4	968.8	1.60	-0.64	-1.47	-3.6	1.9		
22,268.0	89.38	359.96	12,754.9	9,014.4	969.0	2.15	-2.14	-0.27	-4.5	1.0		
22,364.0	90.00	359.69	12,755.4	9,110.4	968.7	0.70	0.65	-0.28	-4.3	0.6		
22,460.0	89.91	359.34	12,755.5	9,206.4	967.9	0.38	-0.09	-0.36	-4.5	0.7		
22,556.0	88.77	358.73	12,756.6	9,302.4	966.3	1.35	-1.19	-0.64	-3.7	1.7		
22,652.0	89.03	359.17	12,758.4	9,398.4	964.5	0.53	0.27	0.46	-2.1	2.7		
22,748.0	90.09	359.25	12,759.2	9,494.4	963.2	1.11	1.10	0.08	-1.6	3.4		
22,844.0	90.62	359.87	12,758.6	9,590.4	962.4	0.85	0.55	0.65	-2.5	3.4		
22,940.0	93.34	0.22	12,755.3	9,686.3	962.5	2.86	2.83	0.36	-6.1	2.6		
23,036.0	92.02	359.61	12,750.8	9,782.2	962.4	1.51	-1.37	-0.64	-10.9	2.1		
23,213.0	92.29	359.69	12,744.1	9,959.1	961.3	0.16	0.15	0.05	-18.0	1.9		
23,315.0	93.78	359.43	12,738.7	10,060.9	960.5	1.48	1.46	-0.25	-23.7	1.9		
Last MWD Survey (MD=23315.0')												
23,514.0	93.78	359.43	12,725.6	10,259.5	958.5	0.00	0.00	0.00	-37.4	2.5		
Projection to Bit (MD=23514.0')												

Released to Imaging: 9/1/2021 9:45:22 AM

Received by OCD: 7/19/2021 3:00:22 PM



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #722H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3331.0usft
Site:	Dogwood 23 Fed Com	MD Reference:	KB = 26' @ 3331.0usft
Well:	#722H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,175.0	12,065.6	-656.6	961.5	KOP, MD:12175.0', TVD:12065.6',N/S:-656.6', E/W:961.5', INC:1.77
13,049.8	12,715.2	-187.3	993.6	LL Crossing, MD:13049.8', TVD:12715.2',N/S:-187.3', E/W:993.6', INC:69.24
13,156.4	12,751.0	-87.2	1,000.8	FTP Crossing, MD:13156.4', TVD:12751.0',N/S:-87.2', E/W:1000.8', INC:72.25
23,315.0	12,738.7	10,060.9	960.5	Last MWD Survey (MD=23315.0')
23,514.0	12,725.6	10,259.5	958.5	Projection to Bit (MD=23514.0')

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 07/15/2021



Lea County, NM (NAD 83 NME)

Dogwood 23 Fed Com #722H

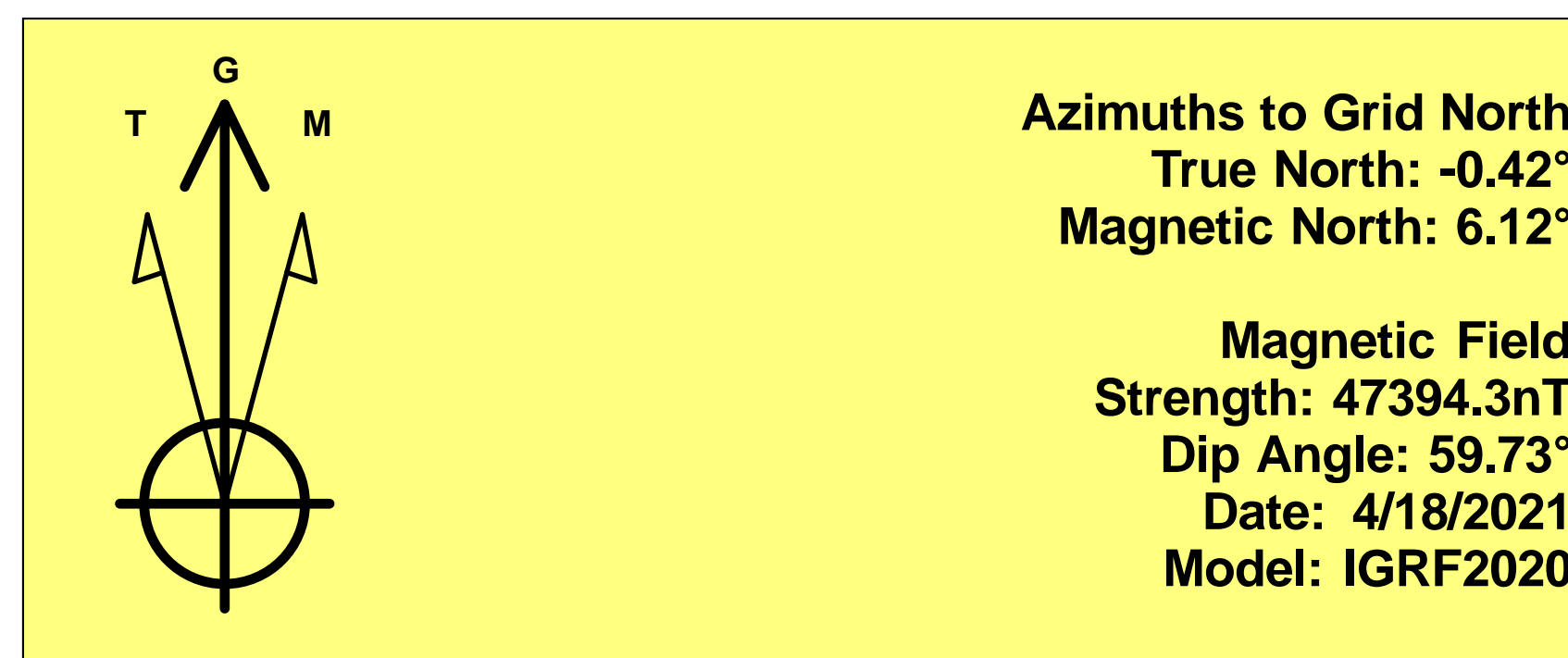
Plan #1

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: #722H

KB = 26' @ 3331.0usft 3305.0
 Northing 372719.0 Easting 785915.0 Latitude 32° 1' 20.025 N Longitude 103° 32' 38.990 W



To convert a Magnetic Direction to a Grid Direction, Add 6.12°
 To convert a Magnetic Direction to a True Direction, Add 6.54° East
 To convert a True Direction to a Grid Direction, Subtract 0.42°

SECTION DETAILS

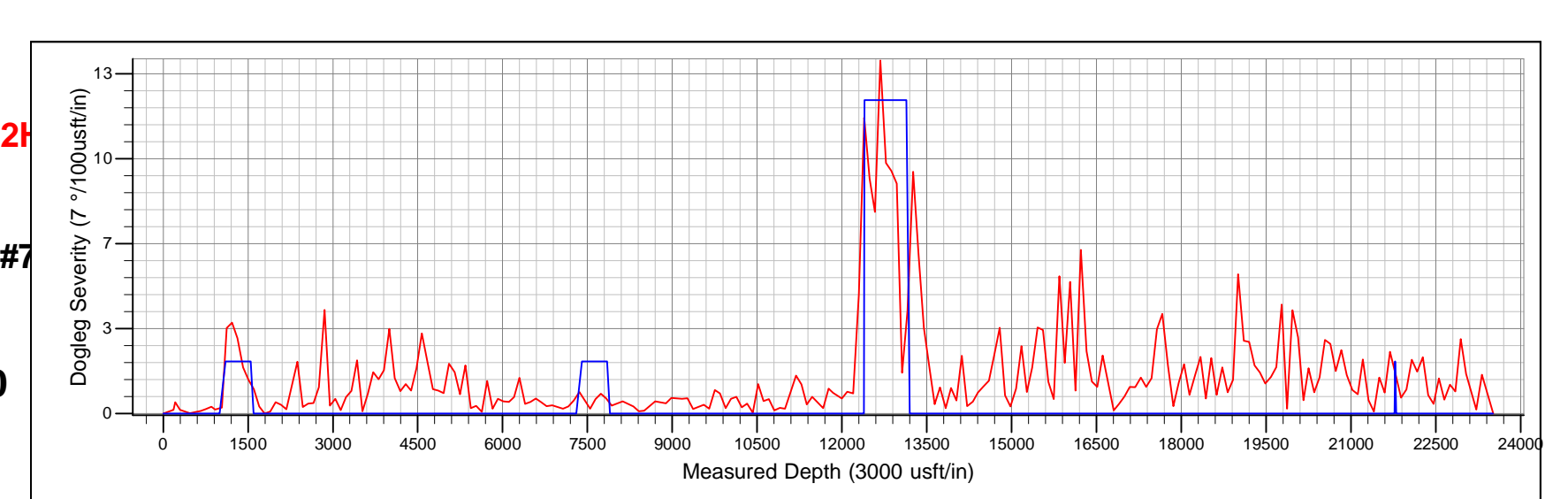
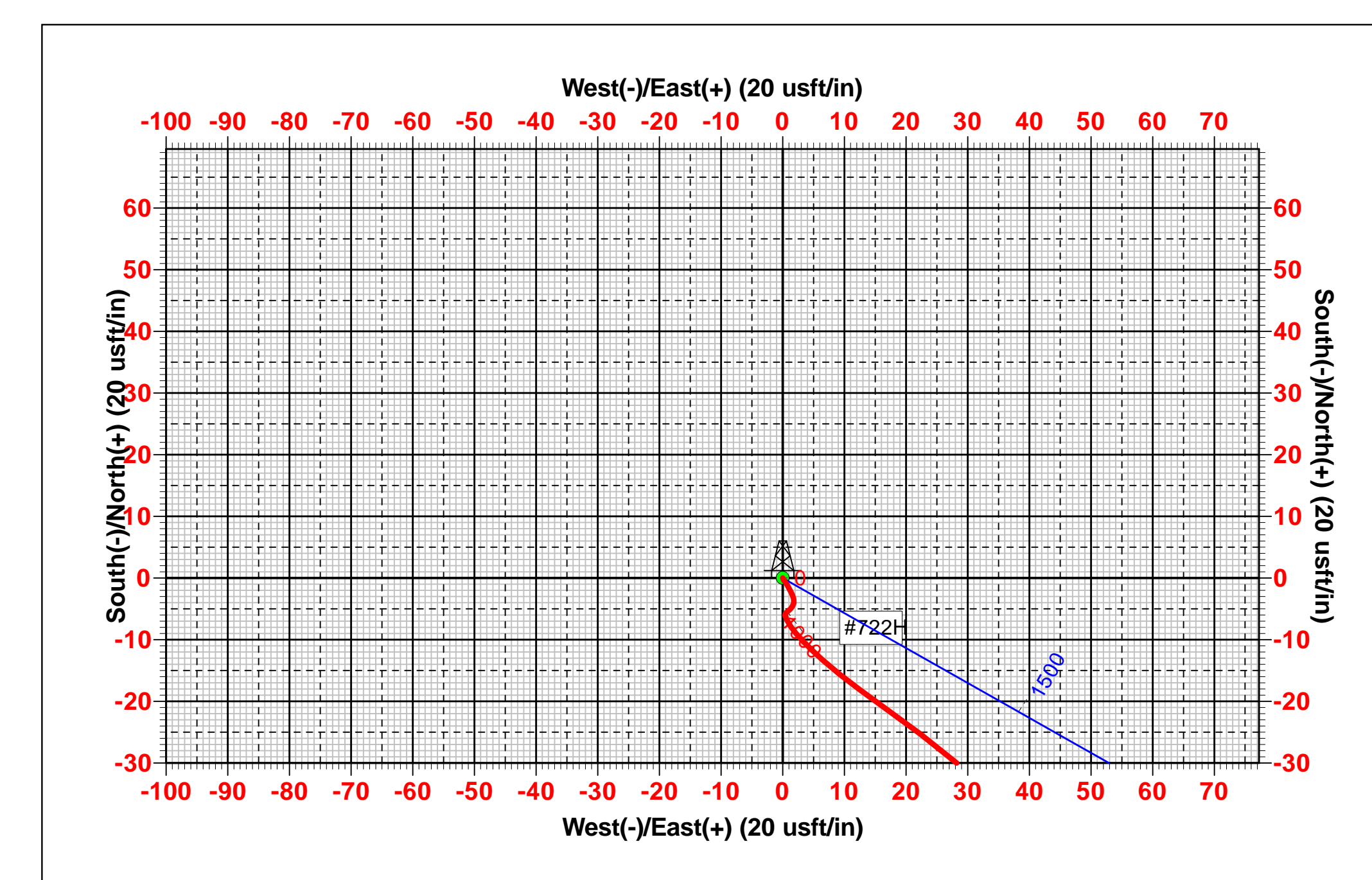
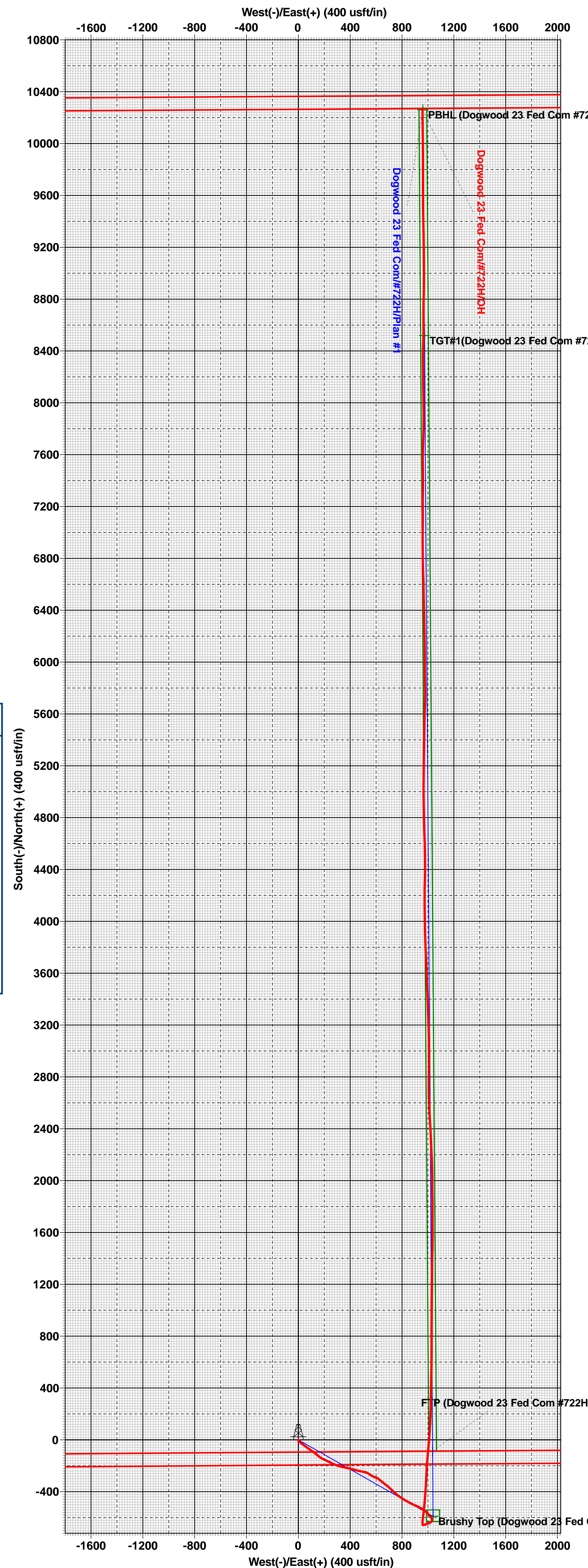
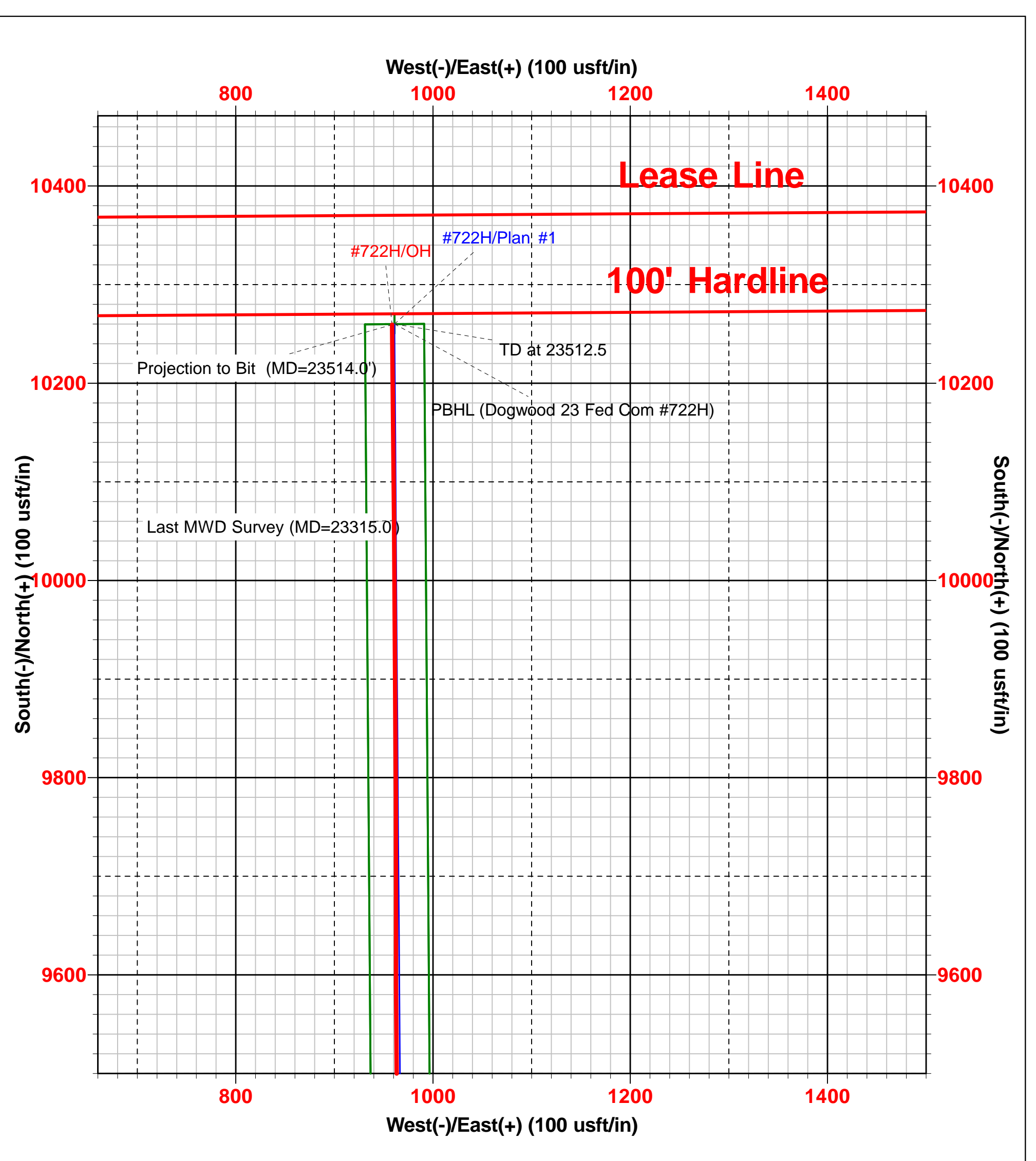
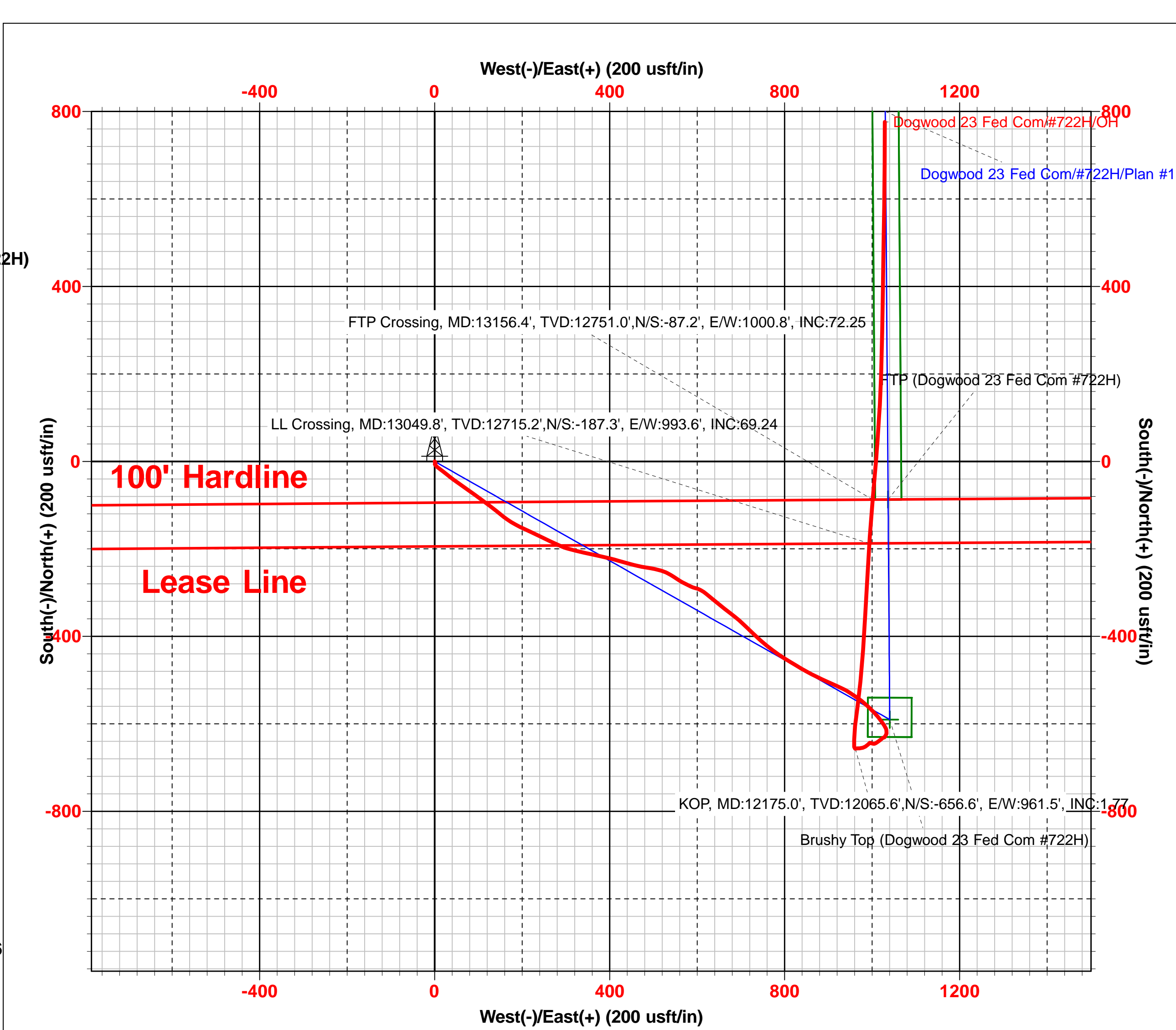
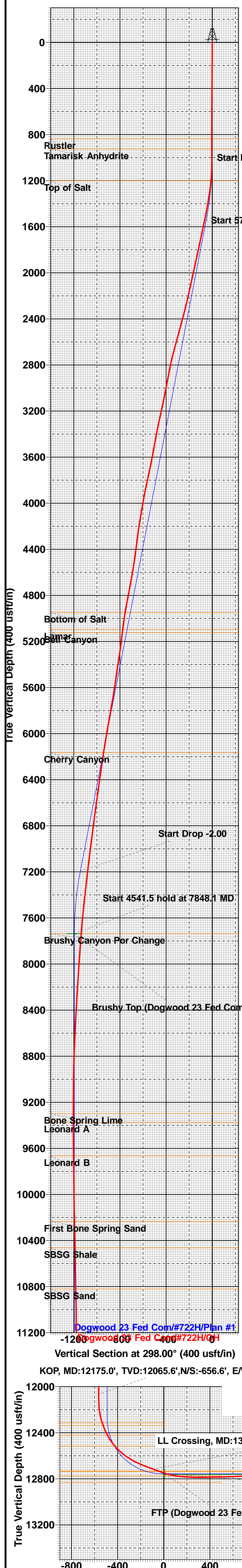
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
1546.8	10.94	119.57	1543.5	-25.7	45.2	2.00	119.57	-21.3	
7301.3	10.94	119.57	7193.5	-564.3	994.8	0.00	0.00	-469.1	
7848.1	0.00	0.00	7737.0	-590.0	1040.0	2.00	180.00	-490.4	Brushy Top (Dogwood 23 Fed Com #722H)
12389.6	0.00	0.00	12278.5	-590.0	1040.0	0.00	0.00	-490.4	
13139.5	89.99	359.58	12756.0	-112.7	1036.5	12.00	359.58	-15.5	
21771.7	89.99	359.58	12758.0	8519.3	973.6	0.00	0.00	8573.0	TGT#1(Dogwood 23 Fed Com #722H)
21779.3	89.84	359.59	12758.0	8526.9	973.5	2.00	178.79	8580.5	
23512.5	89.84	359.59	12763.0	10260.0	961.0	0.00	0.00	10304.9	PBHL (Dogwood 23 Fed Com #722H)

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 #722H)	7737.0	-590.0	1040.0	372129.00	786955.00
FTP (Dogwood 23 Fed Com #722H)	12756.0	-87.0	1036.0	372632.00	786951.00
TGT#1(Dogwood 23 Fed Com #722H)	12758.0	8519.3	973.6	381238.30	786888.59
PBHL (Dogwood 23 Fed Com #722H)	12763.0	10260.0	961.0	382979.00	786876.00



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 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. <div style="text-align: right; font-size: 1.2em;">30-025-47408</div> 2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.
--	--	---

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <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)	5. Lease Name or Unit Agreement Name <div style="text-align: center; font-weight: bold;">DOGWOOD 23 FEDERAL COM</div> 6. Well Number: <div style="text-align: center; font-size: 1.2em; font-weight: bold;">722H</div>
---	--

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 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:	N	23	26S	33E		194	SOUTH	2316	WEST	LEA
BH:	B	14	26S	33E		109	NORTH	1932	EAST	LEA

13. Date Spudded 04/01/2021	14. Date T.D. Reached 04/29/2021	15. Date Rig Released 05/01/2021	16. Date Completed (Ready to Produce) 07/12/2021	17. Elevations (DF and RKB, RT, GR, etc.) 3305' GR
18. Total Measured Depth of Well MD 23,514' TVD 12,725'		19. Plug Back Measured Depth MD 23,514 TVD 12,725		20. Was Directional Survey Made? YES
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 13,196 - 23,514'				21. Type Electric and Other Logs Run None

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	984'	12 1/4"	425 CL C/CIRC	
7 5/8"	29.7# ECP 110	11,900'	8 3/4"	1770 CL C & H/ CIRC	
5 1/2"	20# HCP 110	23,486'	6 3/4"	1110 CL H TOC 11,150' 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) <div style="text-align: center; font-size: 1.1em;"> 13,196-23,514' 3 1/8", 1986 holes </div>	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED <div style="text-align: center; font-size: 0.9em;"> 13,196- 23,514' FRAC W/18,311,132 lbs proppant, 380,545 bbls load fld </div>
---	--

28. PRODUCTION

Date First Production 07/12/2021	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 07/17/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1039	Gas - MCF 1984	Water - Bbl. 7147	Gas - Oil Ratio 1910
Flow Tubing Press.	Casing Pressure 937	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 45	

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

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

Printed

Signature Kay Maddox	Name Kay Maddox	Title Senior Regulatory Specialist	Date 07/19/2021
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 837'</u>	T. Canyon <u>Brushy 7737'</u>	T. Ojo Alamo	T. Penn A"
T. Salt <u>1201'</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>4948'</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 10,235'</u>	T. Entrada	
T. Wolfcamp <u>12,311'</u>	T. <u>2nd BS Sand 10,893'</u>	T. Wingate	
T. Penn	T. <u>3rd BS Sand 11,893'</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 36959

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 36959
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" 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 36959

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 36959
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/1/2021