

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 04/30/2021
⁴ API Number 30 - 025-47160	⁵ Pool Name WC025 G08 S253235G: LOWER BONE SPRING	⁶ Pool Code 97903
⁷ Property Code 325949	⁸ Property Name VALIANT 24 FEDERAL COM	⁹ Well Number 505H

II. ¹⁰ Surface Location

Ul or lot no. J	Section 24	Township 25S	Range 32E	Lot Idn	Feet from the 2108	North/South Line SOUTH	Feet from the 1483	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. O	Section 25	Township 25S	Range 32E	Lot Idn	Feet from the 110	North/South line SOUTH	Feet from the 1390	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 12/03/2020	²² Ready Date 04/30/2021	²³ TD 18,342'	²⁴ PBTD 18,309'	²⁵ Perforations 11,001-18,309	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 1/2"		13 3/8"		949'	910 SXS CL C/CIRC
12 1/4"		9 5/8"		4803'	1415 SXS CL C/CIRC
8 1/2"		5 1/2"		18,317'	2360 SXS CL C&H TOC 4020' CBL

V. Well Test Data

³¹ Date New Oil 04/30/2021	³² Gas Delivery Date 04/30/2021	³³ Test Date 05/07/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 988
³⁷ Choke Size 56	³⁸ Oil 2187	³⁹ Water 5825	⁴⁰ Gas 4489		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: PATRICIA MARTINEZ		
Title: SENIOR REGULATORY SPECIALIST			Title: PETROLEUM SPECIALIST		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 8/30/2021		
Date: 05/13/2021		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

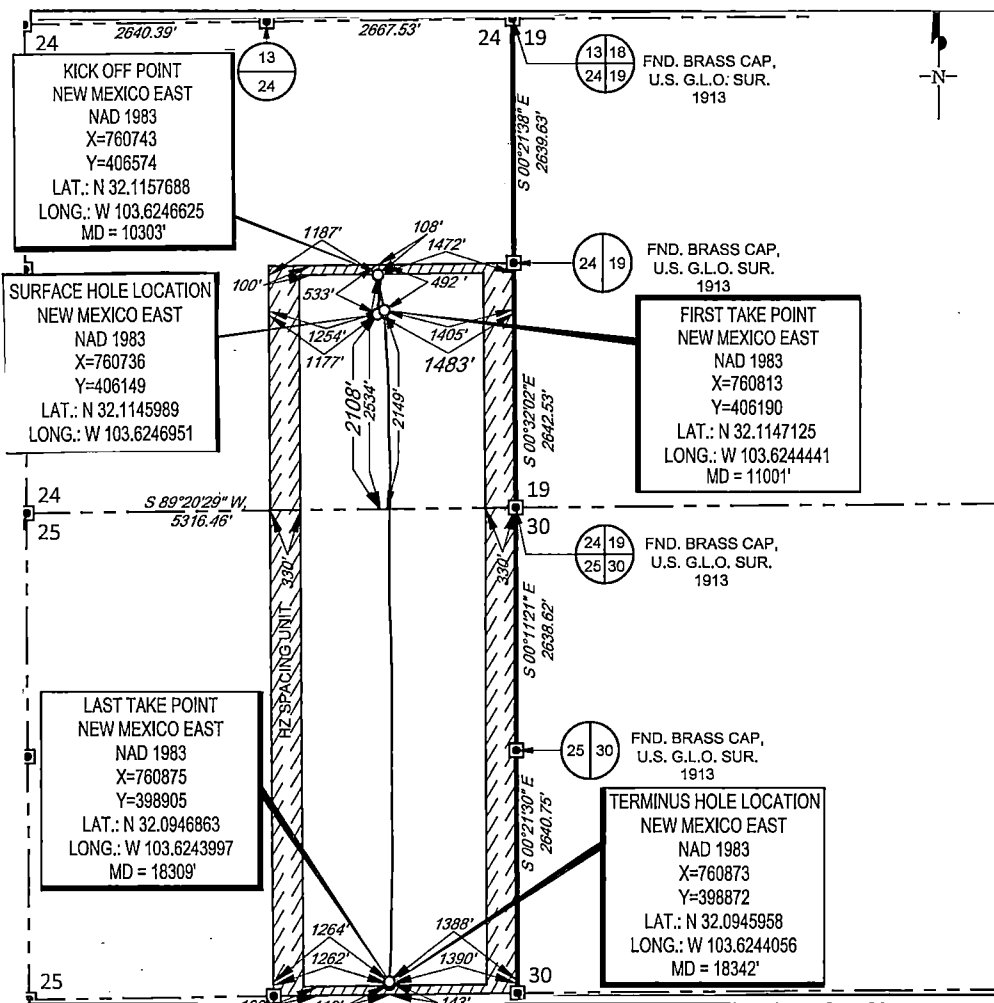
FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

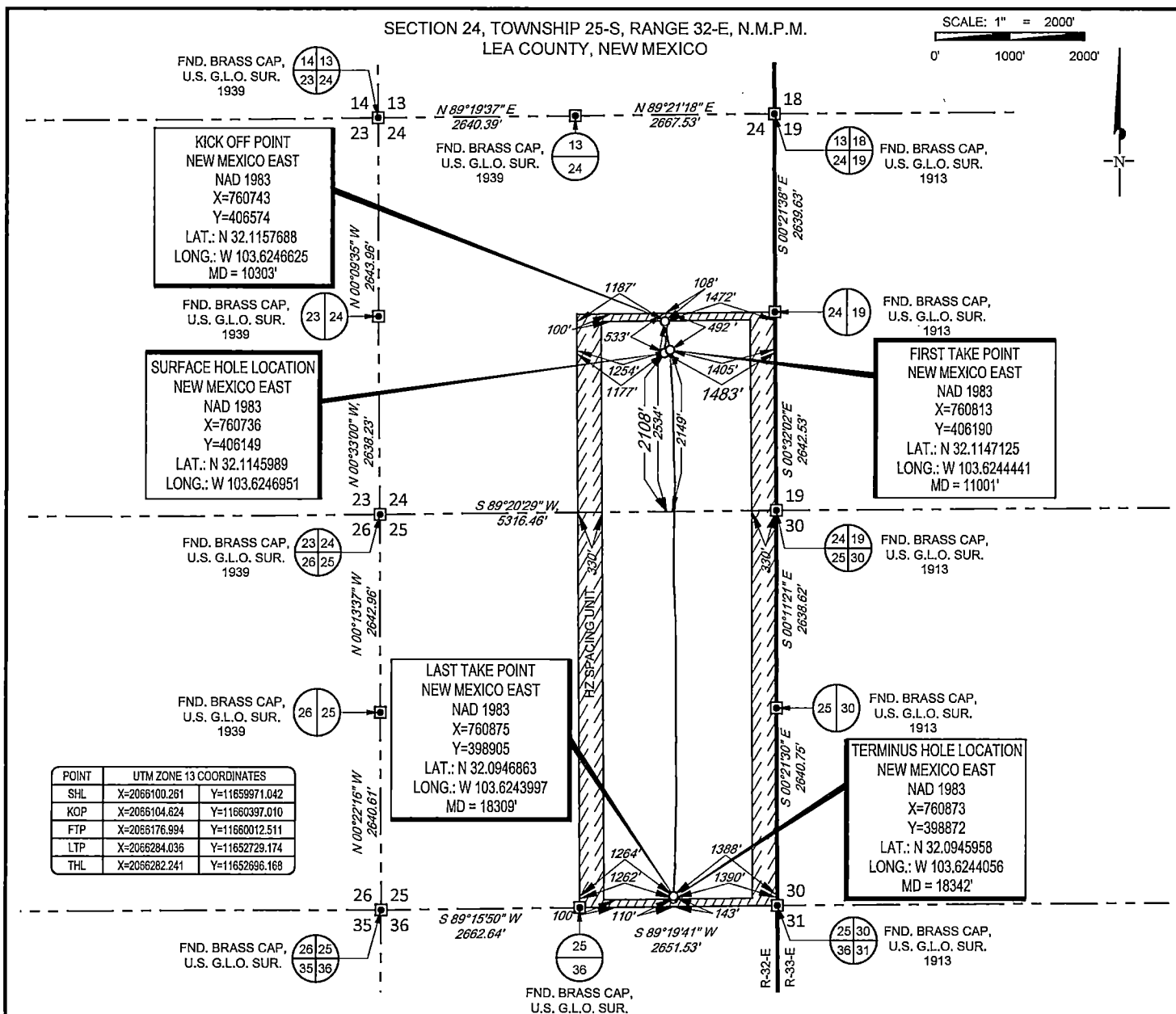
¹ API Number 30-025-47160		² Pool Code 97903		³ Pool Name WC025 G08 S253235G; LOWER BONE SPRING	
⁴ Property Code 325949		⁵ Property Name VALIANT 24 FED COM			⁶ Well Number 505H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3460'
¹⁰ Surface Location					
UL or lot no. J	Section 24	Township 25-S	Range 32-E	Lot Idn -	Feet from the 2108'
				North/South line SOUTH	Feet from the 1483'
				East/West line EAST	County LEA
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. O	Section 25	Township 25-S	Range 32-E	Lot Idn -	Feet from the 110'
				North/South line SOUTH	Feet from the 1390'
				East/West line EAST	County LEA
¹² Dedicated Acres 480.00		¹³ Joint or Infill		¹⁴ Consolidation Code	
				¹⁵ Order No.	

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 <i>Kay Maddox</i>	Date 05/11/2021
Printed Name KAY MADDOX	
E-mail Address KAY_MADDOX@EOGRESOURCES.COM	
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.	
Date of Survey 09/20/2018	
Signature and Seal of Professional Surveyor <i>Ramon Dominguez</i>	
Certificate Number 24508	

S:\SURVEY\EOG_MIDLAND\VALIANT_24_FED_COM\FINAL_PRODUCTS\SILO_VALIANT_24_FED_COM_505H_C102_REV2.DWG 11/30/2020 8:29:15 AM bgregory



LEASE NAME & WELL NO.: VALIANT 24 FED COM 505H

SECTION 24 TWP 25-S RGE 32-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3460'

DESCRIPTION 2108' FSL & 1483' FEL



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

"PRELIMINARY, THIS DOCUMENT SHALL NOT
BE RECORDED FOR ANY PURPOSE."

Ramon A. Dominguez, P.S. No. 24508
MARCH 23, 2021

Geog resources, Inc.

VALIANT 24 FED COM 505H AS-COMPLETE	REVISION:	NOTES:
DATE: 03/23/2021		1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
FILE: AD_VALIANT_24_FED_COM_505H		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.
DRAWN BY: IMU		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.
SHEET: 1 OF 1		

S:\SURVEY\EOG_MIDLAND\VALIANT_24_FED_COM\FINAL_PRODUCTS\AD_VALIANT_24_FED_COM_505H.DWG 3/24/2021 7:42:50 AM luren



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Valiant 24 Fed Com

#505H

OH

Design: OH

Final PVA

01 February, 2021



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Project		Lea County, NM (NAD 83 NME)	
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Valiant 24 Fed Com								
Site Position:		Northing:		406,151.00	usft	Latitude:	32° 6' 52.620 N			
From:	Map	Easting:		760,107.00	usft	Longitude:	103° 37' 36.212 W			
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.38	°

Well		#505H				
Well Position	+N/-S	0.0 usft	Northing:	406,149.00 usft	Latitude:	32° 6' 52.560 N
	+E/-W	0.0 usft	Easting:	760,736.00 usft	Longitude:	103° 37' 28.899 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,460.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/22/2019	6.80	59.93	47,702.99768375

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	178.65

Survey Program		Date	2/1/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
206.0	18,342.0	Scientific MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



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Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
206.0	0.17	31.65	206.0	0.3	0.2	0.08	0.08	0.00	-0.3	0.0	
290.0	0.24	258.38	290.0	0.3	0.1	0.45	0.08	-158.65	0.1	-0.3	
378.0	0.08	317.54	378.0	0.3	-0.2	0.24	-0.18	67.23	-0.4	-0.1	
465.0	0.45	257.05	465.0	0.3	-0.5	0.48	0.43	-69.53	-0.5	-0.4	
551.0	0.32	273.49	551.0	0.2	-1.1	0.20	-0.15	19.12	-1.1	-0.2	
648.0	0.53	216.23	648.0	-0.1	-1.6	0.46	0.22	-59.03	-1.1	-1.3	
742.0	0.51	214.78	742.0	-0.8	-2.1	0.03	-0.02	-1.54	-1.9	-1.3	
836.0	0.61	171.98	836.0	-1.6	-2.3	0.45	0.11	-45.53	-1.3	-2.5	
889.0	0.76	201.28	889.0	-2.2	-2.4	0.71	0.28	55.28	-3.0	-1.4	
1,011.0	1.38	200.66	1,011.0	-4.4	-3.2	0.51	0.51	-0.51	-5.2	-1.5	
1,105.0	1.44	190.51	1,104.9	-6.6	-3.8	0.27	0.06	-10.80	-7.2	-2.6	
1,199.0	0.98	186.47	1,198.9	-8.5	-4.1	0.50	-0.49	-4.30	-9.0	-3.1	
1,293.0	0.48	89.71	1,292.9	-9.3	-3.8	1.21	-0.53	-102.94	3.9	-9.3	
1,387.0	1.06	53.70	1,386.9	-8.8	-2.7	0.78	0.62	-38.31	7.4	-5.5	
1,482.0	1.06	32.87	1,481.9	-7.6	-1.5	0.40	0.00	-21.93	7.2	-2.8	
1,576.0	1.19	45.87	1,575.9	-6.2	-0.4	0.30	0.14	13.83	4.6	-4.2	
1,670.0	1.11	41.99	1,669.8	-4.8	0.9	0.12	-0.09	-4.13	2.9	-3.9	
1,764.0	0.61	31.21	1,763.8	-3.7	1.8	0.56	-0.53	-11.47	2.2	-3.5	
1,858.0	1.34	26.25	1,857.8	-2.3	2.5	0.78	0.78	-5.28	0.9	-3.3	
1,953.0	1.31	27.65	1,952.8	-0.3	3.5	0.05	-0.03	1.47	-1.4	-3.3	
2,046.0	1.02	16.36	2,045.8	1.4	4.3	0.40	-0.31	-12.14	-2.6	-3.7	
2,141.0	1.08	20.83	2,140.8	3.1	4.8	0.11	0.06	4.71	-4.6	-3.4	
2,235.0	2.04	11.22	2,234.7	5.5	5.5	1.05	1.02	-10.22	-6.5	-4.3	
2,329.0	3.01	6.60	2,328.6	9.6	6.1	1.05	1.03	-4.91	-10.3	-4.9	
2,423.0	3.99	2.82	2,422.5	15.3	6.5	1.07	1.04	-4.02	-15.1	-5.7	
2,517.0	5.03	3.37	2,516.2	22.7	6.9	1.11	1.11	0.59	-19.1	-5.5	



EOG Resources

Final PVA

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Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
2,611.0	4.86	3.14	2,609.8	30.8	7.4	0.18	-0.18	-0.24	-20.6	-5.5	
2,706.0	5.66	2.04	2,704.4	39.5	7.8	0.85	0.84	-1.16	-19.8	-5.5	
2,800.0	7.05	1.65	2,797.8	49.9	8.1	1.48	1.48	-0.41	-20.3	-5.3	
2,894.0	7.44	3.15	2,891.1	61.7	8.6	0.46	0.41	1.60	-22.5	-4.4	
2,989.0	7.61	3.58	2,985.3	74.2	9.3	0.19	0.18	0.45	-25.0	-4.0	
3,084.0	7.74	7.25	3,079.4	86.8	10.5	0.53	0.14	3.86	-28.0	-2.5	
3,178.0	7.34	9.46	3,172.6	99.0	12.3	0.53	-0.43	2.35	-30.7	-2.1	
3,272.0	6.78	9.86	3,265.9	110.4	14.3	0.60	-0.60	0.43	-32.5	-2.8	
3,366.0	5.69	9.17	3,359.3	120.5	15.9	1.16	-1.16	-0.73	-32.8	-4.0	
3,460.0	5.04	15.70	3,452.9	129.0	17.8	0.95	-0.69	6.95	-32.2	-1.7	
3,554.0	4.97	17.51	3,546.6	136.9	20.2	0.18	-0.07	1.93	-30.9	-2.8	
3,649.0	4.20	12.25	3,641.3	144.2	22.1	0.92	-0.81	-5.54	-28.2	-7.3	
3,743.0	4.05	0.46	3,735.0	150.9	22.9	0.91	-0.16	-12.54	-23.0	-13.0	
3,837.0	3.68	1.50	3,828.8	157.2	23.0	0.40	-0.39	1.11	-19.7	-12.0	
3,931.0	5.01	355.29	3,922.5	164.3	22.7	1.50	1.41	-6.61	-15.7	-12.8	
4,025.0	6.02	348.80	4,016.1	173.3	21.4	1.26	1.07	-6.90	-13.7	-12.3	
4,120.0	5.68	348.15	4,110.6	182.7	19.5	0.36	-0.36	-0.68	-13.7	-9.8	
4,214.0	5.68	356.60	4,204.1	191.9	18.3	0.89	0.00	8.99	-14.5	-5.7	
4,308.0	4.75	5.21	4,297.7	200.5	18.4	1.29	-0.99	9.16	-13.8	-2.9	
4,402.0	4.75	4.32	4,391.4	208.2	19.0	0.08	0.00	-0.95	-11.7	-3.2	
4,496.0	4.32	1.90	4,485.1	215.6	19.4	0.50	-0.46	-2.57	-9.2	-3.4	
4,590.0	3.24	18.82	4,578.9	221.7	20.4	1.64	-1.15	18.00	-6.3	-2.0	
4,685.0	2.75	18.77	4,673.8	226.4	22.0	0.52	-0.52	-0.05	-1.6	-4.5	
4,745.0	2.60	19.86	4,733.7	229.0	22.9	0.26	-0.25	1.82	1.6	-6.1	
4,881.0	1.67	24.59	4,869.6	233.7	24.8	0.70	-0.68	3.48	9.3	-10.9	
4,976.0	4.34	357.89	4,964.5	238.6	25.2	3.10	2.81	-28.11	18.3	-5.0	
5,070.0	5.66	355.53	5,058.1	246.8	24.7	1.42	1.40	-2.51	20.0	-2.9	



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5,164.0	7.36	358.57	5,151.5	257.4	24.2	1.84	1.81	3.23	19.0	-2.7	
5,258.0	8.33	1.21	5,244.7	270.2	24.2	1.10	1.03	2.81	15.8	-2.8	
5,353.0	8.37	0.98	5,338.6	284.0	24.5	0.05	0.04	-0.24	11.9	-2.2	
5,447.0	7.85	359.61	5,431.7	297.3	24.5	0.59	-0.55	-1.46	8.4	-1.3	
5,542.0	7.59	8.81	5,525.8	310.0	25.5	1.33	-0.27	9.68	5.3	-2.3	
5,636.0	7.82	14.15	5,619.0	322.3	28.0	0.80	0.24	5.68	2.2	-3.9	
5,730.0	7.69	12.96	5,712.1	334.6	31.0	0.22	-0.14	-1.27	-0.7	-5.4	
5,824.0	7.61	12.89	5,805.3	346.8	33.8	0.09	-0.09	-0.07	-3.5	-6.9	
5,918.0	7.29	12.90	5,898.5	358.7	36.5	0.34	-0.34	0.01	-6.0	-8.4	
6,012.0	7.06	12.32	5,991.8	370.2	39.0	0.26	-0.24	-0.62	-7.9	-9.9	
6,106.0	7.13	13.43	6,085.1	381.5	41.6	0.16	0.07	1.18	-10.0	-11.1	
6,201.0	6.83	11.97	6,179.3	392.8	44.2	0.37	-0.32	-1.54	-11.5	-12.9	
6,295.0	6.82	11.85	6,272.7	403.7	46.5	0.02	-0.01	-0.13	-12.9	-14.2	
6,389.0	6.98	14.91	6,366.0	414.7	49.1	0.43	0.17	3.26	-15.2	-15.0	
6,483.0	5.79	16.99	6,459.4	424.7	51.9	1.29	-1.27	2.21	-16.6	-16.4	
6,577.0	4.10	17.96	6,553.1	432.5	54.4	1.80	-1.80	1.03	-15.8	-18.2	
6,671.0	3.02	1.15	6,646.9	438.1	55.4	1.59	-1.15	-17.88	-8.9	-22.6	
6,765.0	2.46	349.08	6,740.8	442.6	55.1	0.85	-0.60	-12.84	-4.9	-23.5	
6,860.0	2.43	355.91	6,835.7	446.6	54.6	0.31	-0.03	7.19	-11.0	-22.4	
6,954.0	1.99	353.74	6,929.6	450.2	54.3	0.48	-0.47	-2.31	-13.8	-22.9	
7,048.0	1.72	359.48	7,023.6	453.2	54.1	0.35	-0.29	6.11	-19.0	-21.3	
7,142.0	0.94	344.98	7,117.5	455.4	53.9	0.90	-0.83	-15.43	-15.3	-25.7	
7,237.0	0.17	187.02	7,212.5	456.0	53.6	1.16	-0.81	-166.27	24.4	17.8	
7,331.0	0.21	90.81	7,306.5	455.9	53.8	0.30	0.04	-102.35	-20.5	22.2	
7,425.0	0.97	198.07	7,400.5	455.1	53.7	1.12	0.81	114.11	26.5	13.2	
7,520.0	1.61	212.01	7,495.5	453.2	52.8	0.75	0.67	14.67	26.8	6.6	
7,614.0	1.75	206.81	7,589.5	450.8	51.4	0.22	0.15	-5.53	23.3	8.9	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,709.0	1.87	211.47	7,684.4	448.2	50.0	0.20	0.13	4.91	21.0	7.1
7,803.0	1.78	218.44	7,778.4	445.7	48.2	0.25	-0.10	7.41	18.7	4.6
7,897.0	1.74	225.09	7,872.3	443.6	46.3	0.22	-0.04	7.07	16.2	2.6
7,992.0	1.70	215.52	7,967.3	441.4	44.5	0.30	-0.04	-10.07	12.7	5.0
8,086.0	1.86	217.52	8,061.2	439.1	42.8	0.18	0.17	2.13	10.0	4.6
8,180.0	1.80	204.89	8,155.2	436.5	41.2	0.43	-0.06	-13.44	5.7	6.4
8,275.0	1.60	204.90	8,250.2	434.0	40.0	0.21	-0.21	0.01	2.9	6.4
8,297.5	1.62	206.11	8,272.6	433.4	39.7	0.17	0.08	5.36	2.4	6.3
HL Crossing, MD:8297.5', TVD:8272.6', N/S:433.4', E/W:39.7', INC:1.62										
8,369.0	1.68	209.76	8,344.1	431.6	38.8	0.17	0.09	5.11	0.8	6.2
8,464.0	1.58	205.67	8,439.1	429.2	37.5	0.16	-0.11	-4.31	-2.4	6.2
8,558.0	1.61	198.94	8,533.0	426.8	36.5	0.20	0.03	-7.16	-5.7	5.7
8,652.0	1.88	198.10	8,627.0	424.1	35.6	0.29	0.29	-0.89	-8.6	5.6
8,746.0	0.55	219.35	8,721.0	422.2	34.9	1.47	-1.41	22.61	-7.9	8.9
8,840.0	0.63	276.32	8,815.0	422.0	34.1	0.60	0.09	60.61	2.4	11.9
8,934.0	0.69	257.27	8,909.0	421.9	33.0	0.24	0.06	-20.27	-2.7	11.8
9,028.0	1.02	268.73	9,003.0	421.7	31.6	0.39	0.35	12.19	-1.7	12.2
9,123.0	1.06	264.97	9,097.9	421.7	29.9	0.08	0.04	-3.96	-4.2	12.0
9,217.0	1.05	250.45	9,191.9	421.3	28.2	0.28	-0.01	-15.45	-8.8	10.4
9,311.0	0.97	238.46	9,285.9	420.6	26.7	0.24	-0.09	-12.76	-12.4	8.1
9,405.0	1.44	226.58	9,379.9	419.4	25.2	0.56	0.50	-12.64	-15.7	5.3
9,500.0	0.85	234.68	9,474.9	418.1	23.7	0.64	-0.62	8.53	-16.7	7.6
9,594.0	0.14	233.71	9,568.9	417.7	23.1	0.76	-0.76	-1.03	-17.7	7.3
9,688.0	0.34	225.60	9,662.9	417.4	22.8	0.22	0.21	-8.63	-18.9	4.7
9,783.0	0.60	266.94	9,757.9	417.2	22.1	0.43	0.27	43.52	-11.8	16.2
9,877.0	1.74	301.87	9,851.8	417.9	20.4	1.38	1.21	37.16	-2.2	20.3
9,971.0	1.77	305.94	9,945.8	419.5	18.0	0.14	0.03	4.33	-3.6	20.5



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
10,065.0	2.26	295.20	10,039.7	421.1	15.1	0.66	0.52	-11.43	-10.7	19.2	
10,159.0	2.22	302.42	10,133.7	422.9	11.9	0.30	-0.04	7.68	-11.8	20.7	
10,236.0	2.46	309.77	10,210.6	424.8	9.4	0.50	0.31	9.55	-12.2	22.2	
10,303.0	1.70	269.11	10,277.6	425.7	7.3	2.40	-1.14	-60.68	-25.8	7.9	
KOP, MD:10303.0', TVD:10277.6', N/S:425.7', E/W:7.3', INC:1.70											
10,309.0	1.69	264.24	10,283.6	425.7	7.1	2.40	-0.15	-81.20	-26.6	5.7	
10,361.1	6.96	183.40	10,335.5	422.4	6.2	13.24	10.12	-155.28	-13.1	-26.1	
KOP (VAL 24 FC #505H)											
10,403.0	12.42	177.13	10,376.8	415.4	6.2	13.24	13.02	-14.94	-15.7	-27.9	
10,497.0	23.67	178.35	10,466.0	386.3	7.3	11.97	11.97	1.30	-31.1	-29.2	
10,591.0	31.31	175.45	10,549.4	343.1	9.8	8.25	8.13	-3.09	-44.2	-33.6	
10,686.0	44.50	164.47	10,624.2	286.1	20.7	15.55	13.88	-11.56	-53.3	-39.2	
10,780.0	48.45	166.77	10,689.0	220.0	37.6	4.56	4.20	2.45	-67.4	-30.0	
FTP (VAL 24 FC #505H)											
10,875.0	55.21	165.17	10,747.6	147.6	55.7	7.24	7.12	-1.68	-71.0	-22.7	
10,969.0	58.78	169.18	10,798.9	70.8	73.2	5.22	3.80	4.27	-66.3	-12.9	
11,063.0	68.16	173.87	10,840.8	-12.3	85.4	10.93	9.98	4.99	-54.2	-10.8	
11,158.0	70.03	179.31	10,874.7	-100.8	90.7	5.70	1.97	5.73	-34.1	-18.3	
11,252.0	76.75	178.35	10,901.6	-190.8	92.5	7.22	7.15	-1.02	-8.6	-28.2	
11,333.0	88.32	177.26	10,912.1	-270.9	95.6	14.35	14.28	-1.35	2.1	-31.2	
11,449.0	88.05	176.06	10,915.8	-386.7	102.3	1.06	-0.23	-1.03	5.9	-26.3	
11,543.0	87.38	175.57	10,919.5	-480.4	109.2	0.88	-0.71	-0.52	9.6	-20.0	
11,638.0	87.42	176.27	10,923.8	-575.0	116.0	0.74	0.04	0.74	13.9	-13.8	
11,732.0	89.53	179.05	10,926.3	-668.9	119.8	3.71	2.24	2.96	16.4	-10.6	
11,826.0	91.54	179.11	10,925.5	-762.9	121.3	2.14	2.14	0.06	15.5	-9.6	
11,920.0	92.98	179.15	10,921.7	-856.8	122.7	1.53	1.53	0.04	11.8	-8.8	
12,015.0	93.36	178.38	10,916.5	-951.6	124.8	0.90	0.40	-0.81	6.5	-7.3	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,109.0	91.04	179.98	10,912.9	-1,045.5	126.1	3.00	-2.47	1.70	2.9	-6.5
12,203.0	88.86	179.73	10,913.0	-1,139.5	126.3	2.33	-2.32	-0.27	3.0	-6.9
12,298.0	89.57	178.68	10,914.3	-1,234.5	127.7	1.33	0.75	-1.11	4.3	-6.1
12,392.0	89.63	178.43	10,914.9	-1,328.5	130.0	0.27	0.06	-0.27	5.0	-4.3
12,486.0	88.02	176.53	10,916.9	-1,422.4	134.2	2.65	-1.71	-2.02	6.9	-0.8
12,580.0	88.56	175.88	10,919.7	-1,516.1	140.4	0.90	0.57	-0.69	9.7	4.9
12,674.0	88.73	178.65	10,921.9	-1,610.0	144.9	2.95	0.18	2.95	11.9	8.8
12,769.0	89.87	179.45	10,923.0	-1,704.9	146.4	1.47	1.20	0.84	13.1	9.8
12,863.0	88.79	179.86	10,924.1	-1,798.9	147.0	1.23	-1.15	0.44	14.2	9.8
12,957.0	92.45	182.03	10,923.1	-1,892.9	145.5	4.53	3.89	2.31	13.1	7.7
13,051.0	92.78	181.67	10,918.8	-1,986.7	142.4	0.52	0.35	-0.38	8.9	4.1
13,146.0	91.78	182.05	10,915.1	-2,081.6	139.3	1.13	-1.05	0.40	5.1	0.4
13,240.0	90.50	180.47	10,913.2	-2,175.6	137.3	2.16	-1.36	-1.68	3.2	-2.2
13,334.0	90.07	180.64	10,912.7	-2,269.6	136.4	0.49	-0.46	0.18	2.7	-3.7
13,428.0	89.16	180.48	10,913.3	-2,363.6	135.5	0.98	-0.97	-0.17	3.4	-5.2
13,523.0	91.54	180.53	10,912.8	-2,458.5	134.6	2.51	2.51	0.05	2.8	-6.6
13,617.0	90.44	179.90	10,911.1	-2,552.5	134.3	1.35	-1.17	-0.67	1.2	-7.6
13,711.0	90.07	180.35	10,910.7	-2,646.5	134.1	0.62	-0.39	0.48	0.7	-8.3
13,806.0	90.03	180.49	10,910.6	-2,741.5	133.4	0.15	-0.04	0.15	0.7	-9.6
13,900.0	89.06	180.47	10,911.4	-2,835.5	132.6	1.03	-1.03	-0.02	1.4	-11.0
13,994.0	88.73	179.44	10,913.2	-2,929.5	132.6	1.15	-0.35	-1.10	3.2	-11.5
14,087.0	89.46	178.35	10,914.7	-3,022.5	134.4	1.41	0.78	-1.17	4.7	-10.3
14,182.0	90.27	177.28	10,914.9	-3,117.4	138.1	1.41	0.85	-1.13	4.9	-7.2
14,276.0	90.74	176.66	10,914.1	-3,211.3	143.0	0.83	0.50	-0.66	4.1	-2.8
14,370.0	90.20	177.48	10,913.3	-3,305.1	147.8	1.04	-0.57	0.87	3.3	1.4
14,465.0	90.61	177.07	10,912.6	-3,400.0	152.4	0.61	0.43	-0.43	2.6	5.4
14,559.0	90.10	178.36	10,912.0	-3,493.9	156.1	1.48	-0.54	1.37	2.0	8.5



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,654.0	91.04	179.66	10,911.1	-3,588.9	157.7	1.69	0.99	1.37	1.1	9.6
14,748.0	92.55	179.30	10,908.2	-3,682.9	158.6	1.65	1.61	-0.38	-1.8	9.9
14,762.5	92.03	179.41	10,907.6	-3,697.4	158.8	3.64	-3.57	0.73	-2.4	9.9
TGT 1 (VAL 24 FC #505H)										
14,843.0	89.16	179.99	10,906.7	-3,777.8	159.2	3.64	-3.57	0.73	-3.7	9.9
14,937.0	88.73	179.33	10,908.5	-3,871.8	159.7	0.84	-0.46	-0.70	-2.5	9.9
15,032.0	89.26	178.76	10,910.1	-3,966.8	161.3	0.82	0.56	-0.60	-1.4	10.9
15,126.0	90.37	177.73	10,910.4	-4,060.7	164.2	1.61	1.18	-1.10	-1.7	13.2
15,221.0	90.47	179.45	10,909.7	-4,155.7	166.5	1.81	0.11	1.81	-2.9	14.9
15,315.0	89.56	181.53	10,909.7	-4,249.7	165.7	2.42	-0.97	2.21	-3.5	13.5
15,410.0	89.26	180.95	10,910.7	-4,344.7	163.7	0.69	-0.32	-0.61	-3.1	10.9
15,505.0	89.80	180.12	10,911.5	-4,439.7	162.8	1.04	0.57	-0.87	-2.9	9.4
15,599.0	90.00	179.40	10,911.6	-4,533.7	163.2	0.79	0.21	-0.77	-3.3	9.2
15,694.0	89.63	180.96	10,911.9	-4,628.7	162.9	1.69	-0.39	1.64	-3.5	8.3
15,788.0	88.92	181.34	10,913.1	-4,722.6	161.0	0.86	-0.76	0.40	-2.9	5.9
15,883.0	88.72	180.15	10,915.1	-4,817.6	159.8	1.27	-0.21	-1.25	-1.5	4.0
15,977.0	93.66	178.31	10,913.1	-4,911.5	161.0	5.61	5.26	-1.96	-4.0	4.7
16,072.0	93.48	177.12	10,907.2	-5,006.3	164.8	1.26	-0.19	-1.25	-10.5	7.9
16,167.0	91.98	179.18	10,902.7	-5,101.1	167.9	2.68	-1.58	2.17	-15.6	10.4
16,261.0	88.86	180.35	10,902.0	-5,195.1	168.3	3.54	-3.32	1.24	-16.8	10.2
16,356.0	88.39	180.68	10,904.3	-5,290.1	167.4	0.60	-0.49	0.35	-15.1	8.8
16,450.0	88.56	179.61	10,906.8	-5,384.0	167.2	1.15	0.18	-1.14	-13.2	7.9
16,453.7	88.61	179.58	10,906.9	-5,387.8	167.2	1.58	1.34	-0.84	-13.1	7.9
TGT 2 (VAL 24 FC #505H)										
16,545.0	89.83	178.81	10,908.1	-5,479.0	168.5	1.58	1.34	-0.84	-12.7	8.7
16,640.0	90.91	179.09	10,907.5	-5,574.0	170.2	1.17	1.14	0.29	-14.2	9.8
16,734.0	90.17	180.01	10,906.6	-5,668.0	171.0	1.26	-0.79	0.98	-16.0	10.0



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,829.0	89.97	179.69	10,906.5	-5,763.0	171.2	0.40	-0.21	-0.34	-17.0	9.6
16,924.0	90.91	179.16	10,905.8	-5,858.0	172.2	1.14	0.99	-0.56	-18.6	10.0
17,018.0	90.13	180.67	10,904.9	-5,952.0	172.3	1.81	-0.83	1.61	-20.3	9.6
17,113.0	91.08	181.05	10,903.9	-6,046.9	170.9	1.08	1.00	0.40	-22.2	7.6
17,208.0	87.65	182.02	10,905.0	-6,141.9	168.3	3.75	-3.61	1.02	-22.0	4.4
17,302.0	87.88	181.70	10,908.6	-6,235.8	165.3	0.42	0.24	-0.34	-19.2	0.8
17,397.0	87.41	181.56	10,912.5	-6,330.7	162.6	0.52	-0.49	-0.15	-16.2	-2.5
17,491.0	89.63	181.29	10,915.0	-6,424.6	160.2	2.38	2.36	-0.29	-14.6	-5.4
17,534.4	89.42	180.91	10,915.3	-6,468.0	159.4	1.00	-0.49	-0.87	-14.7	-6.5
TGT 3 (VAL 24 FC #505H)										
17,586.0	89.16	180.46	10,916.0	-6,519.6	158.8	1.00	-0.49	-0.87	-14.7	-7.4
17,680.0	90.30	180.11	10,916.4	-6,613.6	158.3	1.27	1.21	-0.37	-15.4	-8.5
17,775.0	91.65	179.83	10,914.8	-6,708.5	158.4	1.45	1.42	-0.29	-18.2	-9.0
17,869.0	92.05	180.77	10,911.8	-6,802.5	157.9	1.09	0.43	1.00	-22.4	-10.1
17,964.0	91.51	181.50	10,908.8	-6,897.4	156.0	0.96	-0.57	0.77	-26.5	-12.6
18,059.0	88.35	183.06	10,908.9	-6,992.3	152.2	3.71	-3.33	1.64	-27.6	-16.9
18,153.0	89.67	182.91	10,910.6	-7,086.2	147.3	1.41	1.40	-0.16	-27.1	-22.4
18,247.0	91.21	183.23	10,909.8	-7,180.1	142.3	1.67	1.64	0.34	-29.0	-28.0
18,284.0	91.31	182.78	10,909.0	-7,217.0	140.4	1.25	0.27	-1.22	-30.2	-30.2
Final MWD Survey (MD=18284.0')										
18,340.7	91.31	182.78	10,907.7	-7,273.6	137.6	0.00	0.00	0.00	-32.2	-33.3
PBHL (VAL 24 FC #505H)										
18,342.0	91.31	182.78	10,907.7	-7,274.9	137.5	0.00	0.00	0.00	-32.3	-33.3
Final Projection to Bit (MD=18342.0')										



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3485.0usft
Site:	Valiant 24 Fed Com	MD Reference:	KB = 25' @ 3485.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
8,297.5	8,272.6	433.4	39.7	HL Crossing, MD:8297.5', TVD:8272.6',N/S:433.4', E/W:39.7', INC:1.62	
10,303.0	10,277.6	425.7	7.3	KOP, MD:10303.0', TVD:10277.6',N/S:425.7', E/W:7.3', INC:1.70	
18,284.0	10,909.0	-7,217.0	140.4	Final MWD Survey (MD=18284.0')	
18,342.0	10,907.7	-7,274.9	137.5	Final Projection to Bit (MD=18342.0')	

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 05/10/2021



Lea County, NM (NAD 83 NME)

Valiant 24 Fed Com #505H

Plan #1

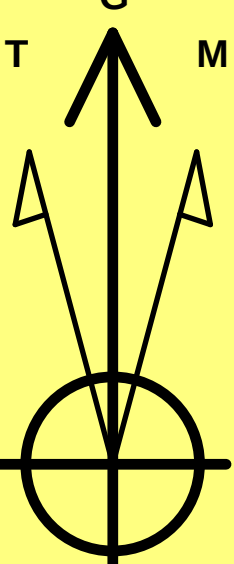
PROJECT DETAILS: Lea County, NM (NAD 83 NME)

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: #505H

KB = 25' @ 3485.0usft
Northing 406149.00 Easting 760736.00 Latitude 32° 6' 52.560 N Longitude 103° 37' 28.899 W

Azimuths to Grid North
True North: -0.38°
Magnetic North: 6.42°
Magnetic Field
Strength: 47703.0nT
Dip Angle: 59.93°
Date: 1/22/2019
Model: IGRF2015



To convert a Magnetic Direction to a Grid Direction, Add 6.42°
To convert a Magnetic Direction to a True Direction, Add 6.80° East
To convert a True Direction to a Grid Direction, Subtract 0.38°

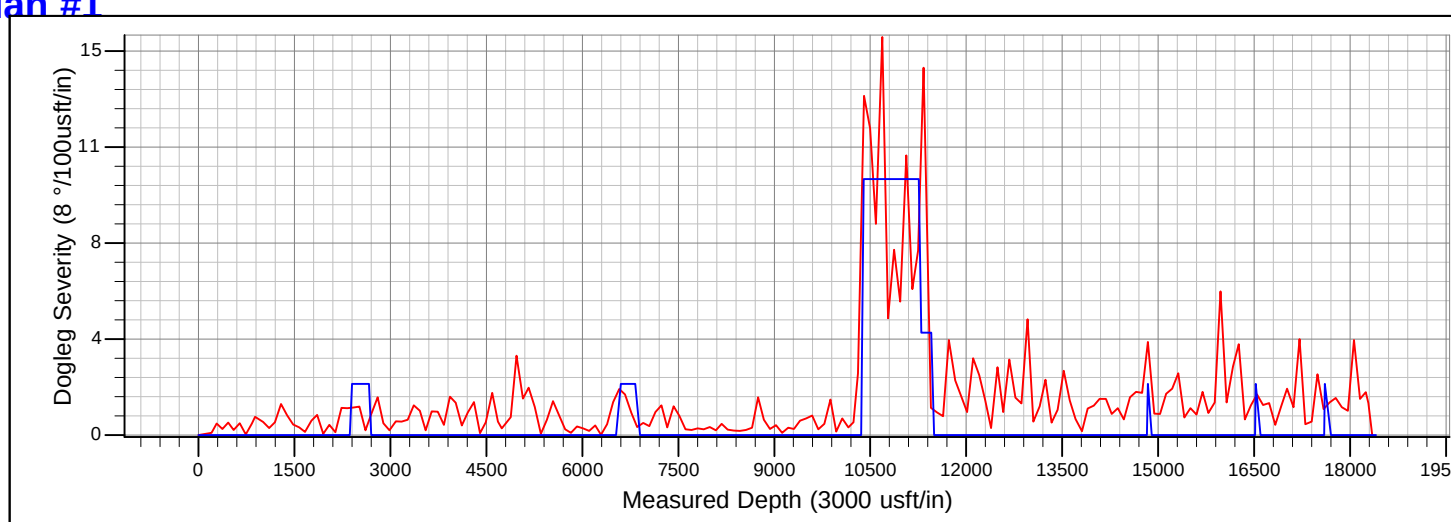
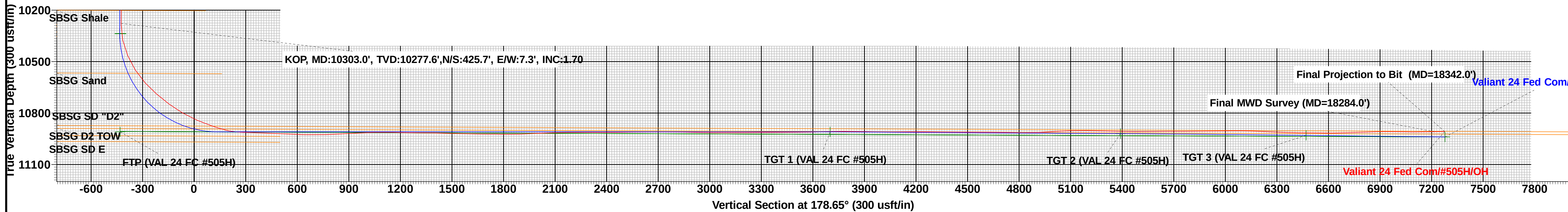
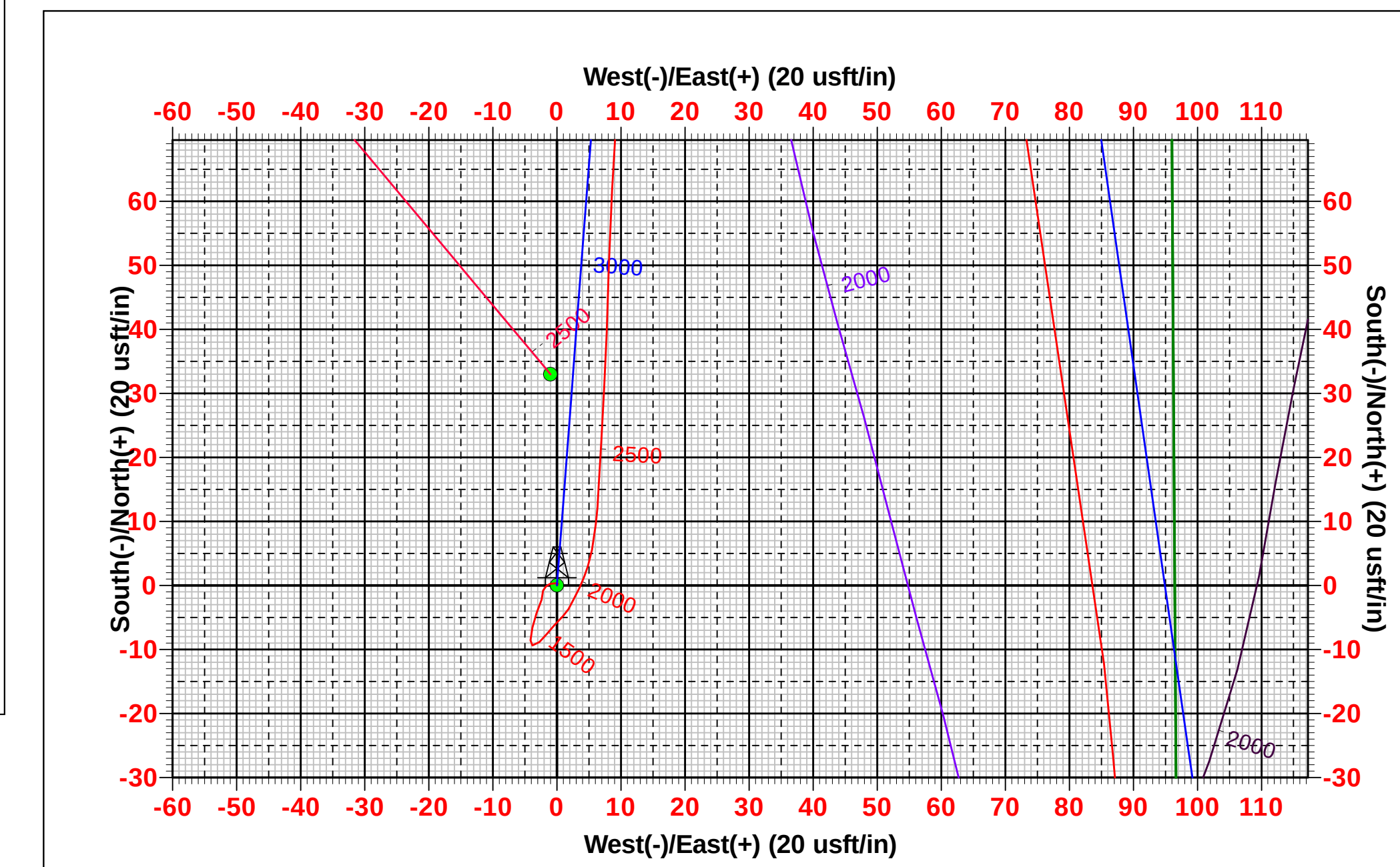
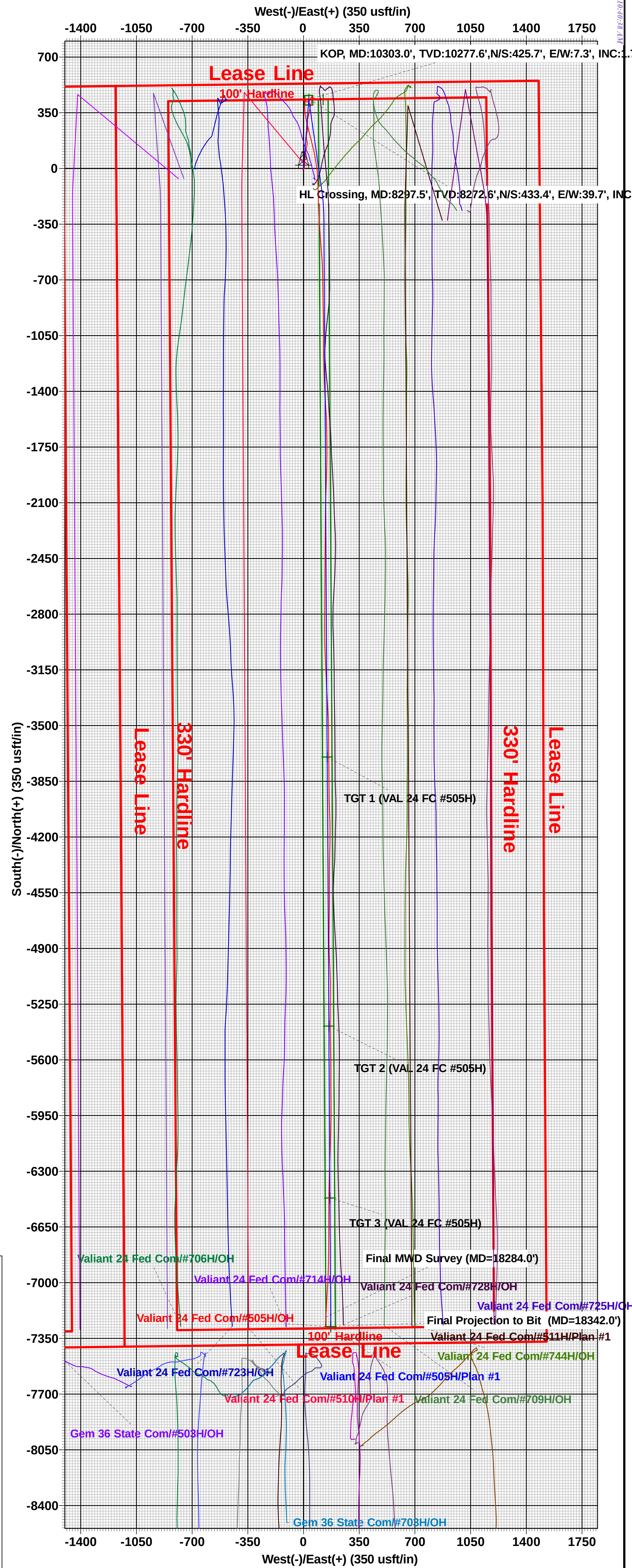
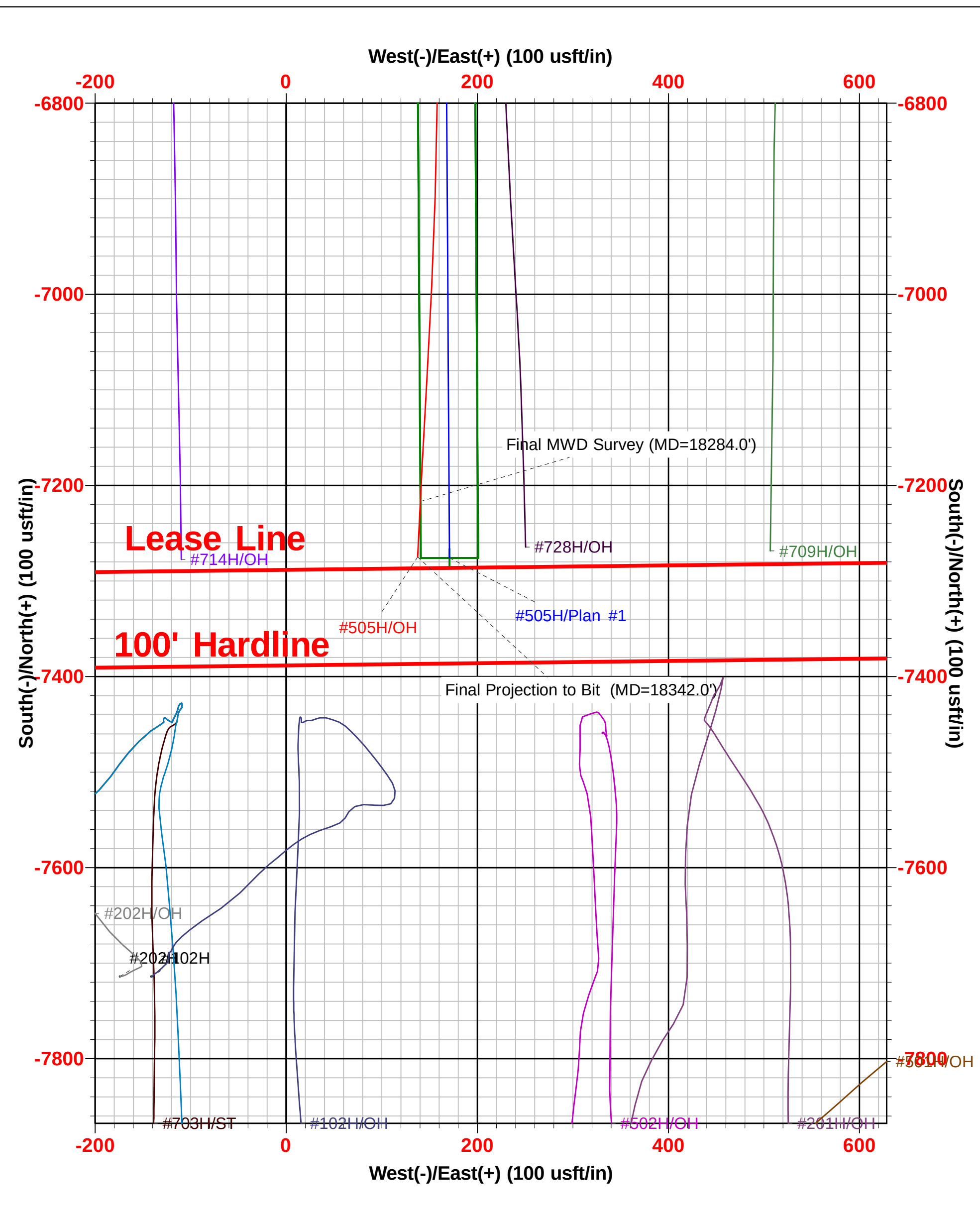
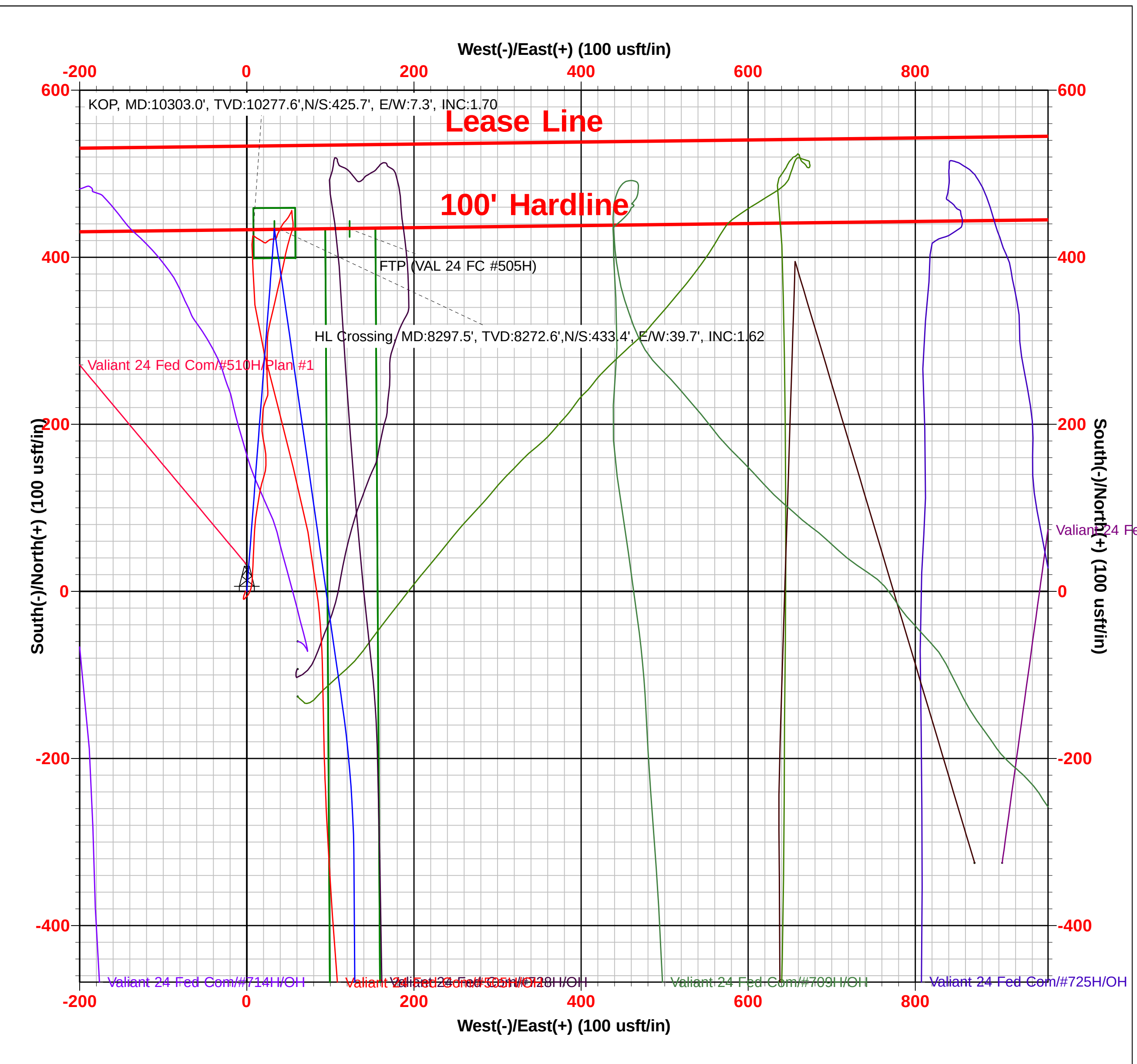
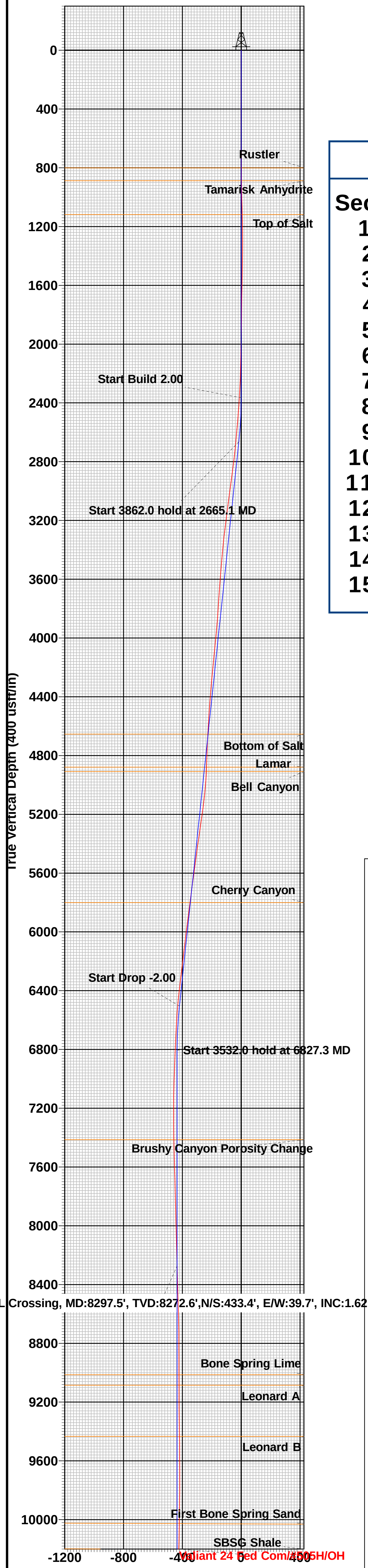
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2365.0	0.00	0.00	2365.0	0.0	0.0	0.00	0.00	0.0	
3	2665.1	6.00	4.35	2664.6	15.7	1.2	2.00	4.35	-15.6	
4	6527.2	6.00	4.35	6505.4	418.3	31.8	0.00	0.00	-417.5	
5	6827.3	0.00	179.65	6805.0	434.0	33.0	2.00	180.00	-433.1	
6	10359.3	0.00	179.65	10337.0	434.0	33.0	0.00	0.00	-433.1	KOP (VAL 24 FC #505H)
7	11259.3	90.00	171.88	10910.0	-133.2	113.9	10.00	171.88	135.9	TGT 1 (VAL 24 FC #505H)
8	11453.5	90.00	179.65	10910.0	-326.8	128.3	4.00	90.01	329.7	
9	14824.3	90.00	179.65	10910.0	-3697.5	148.8	0.00	0.00	3700.0	TGT 2 (VAL 24 FC #505H)
10	14841.3	89.66	179.65	10910.0	-3714.5	148.9	2.00	-179.26	3719.0	
11	16514.6	89.66	179.65	10920.1	-5387.7	159.2	0.00	0.00	5390.0	TGT 3 (VAL 24 FC #505H)
12	16524.1	89.47	179.65	10920.1	-5397.2	159.3	2.00	179.99	5399.5	
13	17594.8	89.47	179.65	10930.1	-6467.9	165.9	0.00	0.00	6470.0	
14	17603.8	89.29	179.65	10930.1	-6476.8	166.0	2.00	-180.00	6478.9	
15	18403.0	89.29	179.65	10940.0	-7276.0	170.9	0.00	0.00	7278.0	PBHL (VAL 24 FC #505H)

CASING DETAILS
No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (VAL 24 FC #505H)	10337.0	434.0	33.0	406583.00	760769.00
FTP (VAL 24 FC #505H)	10910.0	434.0	123.0	406583.00	760859.00
TGT 1 (VAL 24 FC #505H)	10910.0	-3697.5	148.8	402451.50	760884.81
TGT 2 (VAL 24 FC #505H)	10920.0	-5387.7	159.2	400761.30	760895.24
TGT 3 (VAL 24 FC #505H)	10930.0	-6467.9	165.9	399681.10	760901.91
PBHL (VAL 24 FC #505H)	10940.0	-7276.0	170.9	398873.00	760906.90



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 VALIANT 24 FEDERAL COM		
								6. Well Number: 505H		
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 G08 S253235G; LOWER BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	24	25S	32E		2108	SOUTH	1483	EAST	LEA
BH:	O	25	25S	32E		110	SOUTH	1390	EAST	LEA
13. Date Spudded 12/03/2020	14. Date T.D. Reached 01/25/2021		15. Date Rig Released 01/27/2021		16. Date Completed (Ready to Produce) 04/30/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3460' GL		
18. Total Measured Depth of Well MD 18,342 TVD 10,907			19. Plug Back Measured Depth MD 18,309 TVD 10,907		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 11,001 - 18,309'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		949'		17 1/2"		910 CL C/CIRC		
9 5/8"		40# J-55		4803'		12 1/4"		1415 CL C/CIRC		
5 1/2"		20# ECP 110		18,317'		8 1/2"		2360 CL C&H 4020' 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) 11,001 - 18,309' 3 1/8", 1560 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,001 - 18,309'		FRAC W/18,001,010 lbs proppant, 283,730 bbls load fld		
28. PRODUCTION										
Date First Production 04/30/2021		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 05/07/2021	Hours Tested 24	Choke Size 56	Prod'n For Test Period	Oil - Bbl 2187	Gas - MCF 4489	Water - Bbl. 5825	Gas - Oil Ratio 2053			
Flow Tubing Press.	Casing Pressure 988	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 48				
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 Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 05/13/2021 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	801'	T. Canyon	Brushy	7414'	T. Ojo Alamo	T. Penn A "
T. Salt		1118'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4654'	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	10,029'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,570'		T. Wingate	
T. Penn			T.			T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

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

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

From	To	Thickness In Feet	Lithology

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 28090

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 28090
	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
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Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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 28090

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 28090
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/30/2021