

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 1/18/2021	
⁴ API Number 30 - 025-44501	⁵ Pool Name WC025 G07 S213330F; BONE SPRING		⁶ Pool Code 97927 KZ
⁷ Property Code 315138	⁸ Property Name FRUIT LOOP 29 STATE		⁹ Well Number 503H

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
D	29	21S	33E		309	NORTH	1545	WEST	LEA

¹¹ Bottom Hole Location

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	21S	33E		109	SOUTH	760	WEST	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 09/01/2019	²² Ready Date 01/18/2021	²³ TD 15,790'	²⁴ PBTD 15,728'	²⁵ Perforations 11,152-15,728'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8"	1746'	1545 SXS CL C/CIRC		
12 1/4"	9 5/8"	5218'	1880 SXS CL C/CIRC		
8 1/2"	5 1/2"	15,780'	3373 SXS CL H/CIRC		

V. Well Test Data

³¹ Date New Oil 01/18/2021	³² Gas Delivery Date 01/18/2021	³³ Test Date 01/20/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 162
³⁷ Choke Size 48	³⁸ Oil 1039	³⁹ Water 1669	⁴⁰ Gas 1266		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: LM II		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 4/13/2021		
Date: 02/25/2021		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 30-025-44501	² Pool Code 97927	³ Pool Name WC025 G07 S213330F: BONE SPRING KZ
⁴ Property Code 315138	⁵ Property Name FRUIT LOOP 29 STATE	⁶ Well Number #503H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3752'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	21-S	33-E	-	309'	NORTH	782'	WEST	LEA

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	21-S	33-E	-	109'	SOUTH	760'	WEST	LEA

¹² Dedicated Acres 320.00	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.

SURFACE LOCATION
NEW MEXICO EAST
NAD 1983
X=767345
Y=530503
LAT.: N 32.4562837
LONG.: W 103.6006048

KICK OFF POINT
NEW MEXICO EAST
NAD 1983
X=767351
Y=530723
LAT.: N 32.4568905
LONG.: W 103.6005826
MD = 10383'

FIRST TAKE POINT
NEW MEXICO EAST
NAD 1983
X=767334
Y=530276
LAT.: N 32.4556602
LONG.: W 103.6006465
MD = 11152'

LAST TAKE POINT
NEW MEXICO EAST
NAD 1983
X=767364
Y=525704
LAT.: N 32.4430945
LONG.: W 103.6006502
MD = 15728'

TERMINUS HOLE LOCATION
NEW MEXICO EAST
NAD 1983
X=767364
Y=525642
LAT.: N 32.4429241
LONG.: W 103.6006533
MD = 15790'

POINT	UTM ZONE 13 COORDINATES	
SHL	X=2071935.382	Y=11784343.940
KOP	X=2071938.804	Y=11784564.381
FTP	X=2071921.795	Y=11784566.275
LTP	X=2071984.140	Y=11779546.341
THL	X=2071984.106	Y=11779484.479

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 02/25/2021
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.

02/06/2018
Date of Survey
Signature of Professional Surveyor
RAMON A. DOMINIGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\EOG_MIDLAND\FRUIT_LOOP_29_STATE\FINAL_PRODUCTS\ILO_FRUITLOOP29STATE_503H_REV1.DWG 8/13/2019 4:10:44 PM rdominguez



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

FRUIT LOOP 29 STATE #503H AS-COMPLETE	REVISION:		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.
DATE: 03/02/2020			
FILE:AD_FRUITLOOP29STATE_503H			
DRAWN BY: IMU			
SHEET: 1 OF 1			



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Fruit Loop 29 State

#503H

OH

Design: OH

Final PVA Report

01 October, 2019



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3777.0usft
Site:	Fruit Loop 29 State	MD Reference:	KB = 25' @ 3777.0usft
Well:	#503H	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		Fruit Loop 29 State			
Site Position:		Northing:		530,503.00 usft	
From:	Map	Easting:		767,378.00 usft	
Position Uncertainty:		Slot Radius:		13-3/16 "	
				Latitude: 32° 27' 22.624 N	
				Longitude: 103° 36' 1.794 W	
				Grid Convergence: 0.39 °	

Well		#503H				
Well Position	+N/-S	0.0 usft	Northing:	530,503.00 usft	Latitude:	32° 27' 22.626 N
	+E/-W	0.0 usft	Easting:	767,345.00 usft	Longitude:	103° 36' 2.180 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,752.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/15/2018	6.91	60.26	48,001.92544319

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	179.67

Survey Program		Date	10/1/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
147.0	15,790.0	Intrepid MWD #1 (OH)	MWD	OWSG MWD - Standard	



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Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	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
147.0	0.70	231.00	147.0	-0.6	-0.7	0.48	0.48	0.00	-0.9	0.0
324.0	1.00	265.70	324.0	-1.4	-3.1	0.33	0.17	19.60	-3.2	1.1
498.0	4.00	282.60	497.8	-0.2	-10.5	1.76	1.72	9.71	-10.2	2.4
684.0	3.10	255.30	683.4	0.0	-21.7	1.02	-0.48	-14.68	-21.0	-5.5
873.0	2.10	118.80	872.4	-3.0	-23.6	2.56	-0.53	-72.22	19.3	-14.0
1,063.0	4.70	103.60	1,062.0	-6.5	-13.0	1.44	1.37	-8.00	11.1	-9.4
1,253.0	3.60	148.60	1,251.6	-13.4	-2.3	1.75	-0.58	23.68	-10.2	-9.0
1,442.0	3.70	203.80	1,440.2	-24.1	-1.7	1.79	0.05	29.21	-22.7	8.2
1,632.0	3.20	223.90	1,629.9	-33.5	-7.8	0.68	-0.26	10.58	-29.6	17.6
1,698.0	3.70	232.10	1,695.8	-36.1	-10.8	1.06	0.76	12.42	-30.7	21.9
1,793.0	4.10	232.40	1,790.6	-40.1	-15.9	0.42	0.42	0.32	-37.0	22.1
1,983.0	3.30	330.10	1,980.3	-39.5	-24.0	2.94	-0.42	51.42	27.3	43.0
2,173.0	4.30	7.60	2,169.9	-27.7	-25.8	1.38	0.53	19.74	51.7	18.0
2,363.0	4.20	19.70	2,359.4	-14.1	-22.5	0.47	-0.05	6.37	55.7	1.9
2,553.0	5.20	2.30	2,548.8	1.1	-19.8	0.91	0.53	-9.16	53.8	14.8
2,743.0	4.30	5.00	2,738.1	16.8	-18.9	0.49	-0.47	1.42	55.1	10.3
2,933.0	4.40	10.80	2,927.6	31.0	-16.9	0.24	0.05	3.05	57.6	1.4
3,123.0	4.70	19.30	3,117.0	45.5	-12.9	0.39	0.16	4.47	57.5	-12.3
3,314.0	6.40	8.30	3,307.1	63.5	-8.8	1.05	0.89	-5.76	56.8	-5.9
3,504.0	6.00	10.80	3,496.0	83.7	-5.4	0.25	-0.21	1.32	52.0	-11.9
3,693.0	5.10	9.30	3,684.1	101.7	-2.2	0.48	-0.48	-0.79	50.1	-14.3
3,883.0	5.30	6.30	3,873.3	118.8	0.1	0.18	0.11	-1.58	49.9	-14.8
4,073.0	5.10	1.40	4,062.5	135.9	1.3	0.26	-0.11	-2.58	50.3	-12.6
4,263.0	5.10	357.90	4,251.8	152.8	1.2	0.16	0.00	-1.84	50.7	-10.3
4,453.0	4.70	18.10	4,441.1	168.6	3.3	0.93	-0.21	10.63	43.8	-30.2
4,643.0	4.80	17.50	4,630.4	183.6	8.1	0.06	0.05	-0.32	43.9	-35.6



Final PVA Report

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Site:	Fruit Loop 29 State	MD Reference:	KB = 25' @ 3777.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,832.0	5.00	10.80	4,818.7	199.2	12.0	0.32	0.11	-3.54	47.2	-35.1	
5,022.0	4.70	12.00	5,008.0	215.0	15.2	0.17	-0.16	0.63	36.9	-37.7	
5,162.0	3.70	9.20	5,147.7	225.1	17.1	0.73	-0.71	-2.00	28.5	-36.1	
5,310.0	3.30	9.70	5,295.4	234.0	18.6	0.27	-0.27	0.34	19.1	-36.3	
5,500.0	3.40	356.20	5,485.1	245.0	19.1	0.42	0.05	-7.11	16.2	-32.1	
5,690.0	2.10	316.30	5,674.9	253.1	16.3	1.18	-0.68	-21.00	25.2	-17.9	
5,880.0	2.10	315.30	5,864.7	258.1	11.5	0.02	0.00	-0.53	18.5	-17.5	
6,070.0	2.60	309.30	6,054.6	263.3	5.7	0.29	0.26	-3.16	12.5	-15.8	
6,260.0	1.90	276.90	6,244.4	266.4	-0.8	0.75	-0.37	-17.05	12.3	-9.0	
6,450.0	0.50	256.80	6,434.4	266.6	-4.7	0.76	-0.74	-10.58	10.8	-5.3	
6,640.0	0.70	252.40	6,624.4	266.1	-6.6	0.11	0.11	-2.32	9.2	-4.5	
6,830.0	0.70	254.70	6,814.4	265.4	-8.8	0.01	0.00	1.21	6.7	-4.8	
7,020.0	0.40	222.60	7,004.4	264.6	-10.4	0.22	-0.16	-16.89	6.6	-1.2	
7,210.0	0.90	216.80	7,194.3	262.9	-11.7	0.27	0.26	-3.05	4.5	-0.6	
7,399.0	0.80	226.50	7,383.3	260.9	-13.6	0.09	-0.05	5.13	1.6	-1.1	
7,589.0	1.00	221.70	7,573.3	258.7	-15.7	0.11	0.11	-2.53	-1.3	-1.0	
7,779.0	1.20	196.50	7,763.3	255.6	-17.3	0.27	0.11	-13.26	-4.2	-2.2	
7,968.0	1.10	75.10	7,952.2	254.1	-16.1	1.06	-0.05	-64.23	3.3	-4.2	
8,158.0	0.90	92.80	8,142.2	254.5	-12.9	0.19	-0.11	9.32	-1.3	-4.4	
8,348.0	0.90	68.30	8,332.2	255.0	-10.0	0.20	0.00	-12.89	-2.2	-5.2	
8,538.0	0.60	77.50	8,522.2	255.8	-7.6	0.17	-0.16	4.84	-5.5	-4.5	
8,728.0	0.80	120.50	8,712.2	255.3	-5.5	0.29	0.11	22.63	-9.2	1.1	
8,918.0	1.40	131.50	8,902.1	253.1	-2.6	0.33	0.32	5.79	-12.4	3.1	
9,108.0	2.10	158.80	9,092.0	248.3	0.4	0.56	0.37	14.37	-15.2	9.5	
9,298.0	1.00	208.90	9,282.0	243.6	0.8	0.87	-0.58	26.37	-6.3	20.4	
9,488.0	1.10	258.90	9,472.0	241.8	-1.8	0.47	0.05	26.32	8.7	19.2	
9,679.0	0.90	175.50	9,662.9	240.0	-3.5	0.70	-0.10	-43.66	-19.8	9.0	



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
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Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,869.0	1.40	141.50	9,852.9	236.7	-1.9	0.43	0.26	-17.89	-25.0	-4.4
10,014.0	1.80	159.80	9,997.8	233.1	0.0	0.44	0.28	12.62	-29.1	4.2
10,204.0	1.80	153.20	10,187.7	227.7	2.4	0.11	0.00	-3.47	-35.3	0.5
10,394.0	3.00	158.70	10,377.6	220.4	5.5	0.64	0.63	2.89	-43.1	4.2
10,395.0	3.12	159.71	10,378.5	220.3	5.5	14.22	13.03	106.34	-43.0	4.9
KOP (Fruit Loop 29 State #503H)										
10,441.0	9.50	175.40	10,424.3	215.4	6.3	14.22	13.85	34.07	-43.5	16.9
10,475.4	12.21	180.54	10,458.1	208.9	6.5	8.36	7.88	14.95	-44.5	20.9
HL Crossing, MD:10475.4', TVD:10458.1', N/S:208.9', E/W:6.5', INC:12.21										
10,489.0	13.30	182.00	10,471.3	205.9	6.4	8.36	8.02	10.72	-44.9	21.9
10,534.0	16.60	185.40	10,514.8	194.3	5.6	7.58	7.33	7.56	-45.9	23.7
10,582.0	20.00	184.90	10,560.4	179.3	4.3	7.09	7.08	-1.04	-47.2	21.8
10,622.0	23.70	185.00	10,597.5	164.5	3.0	9.25	9.25	0.25	-47.2	20.4
10,677.0	28.00	185.50	10,647.0	140.6	0.8	7.83	7.82	0.91	-46.0	18.0
10,722.0	32.90	182.40	10,685.7	117.9	-0.7	11.43	10.89	-6.89	-45.1	14.0
10,772.0	37.10	183.00	10,726.7	89.2	-2.1	8.43	8.40	1.20	-42.7	12.5
10,819.0	43.20	183.00	10,762.6	59.0	-3.7	12.98	12.98	0.00	-40.5	10.4
10,847.5	46.05	182.32	10,782.9	38.9	-4.6	10.13	10.00	-2.37	-39.4	8.9
FTP (Fruit Loop 29 State #503H)										
10,867.0	48.00	181.90	10,796.2	24.7	-5.1	10.13	10.01	-2.18	-38.6	8.0
10,914.0	53.50	181.40	10,825.9	-11.6	-6.2	11.73	11.70	-1.06	-36.6	6.3
10,962.0	58.40	180.40	10,852.8	-51.4	-6.8	10.35	10.21	-2.08	-34.8	4.9
11,009.0	63.20	181.10	10,875.7	-92.4	-7.3	10.30	10.21	1.49	-32.7	4.1
11,057.0	68.60	181.90	10,895.3	-136.2	-8.5	11.35	11.25	1.67	-30.7	2.7
11,104.0	71.70	181.80	10,911.2	-180.4	-9.9	6.60	6.60	-0.21	-28.1	0.8
11,152.0	75.40	181.60	10,924.8	-226.4	-11.3	7.72	7.71	-0.42	-24.1	-1.1
11,199.0	78.40	181.60	10,935.5	-272.1	-12.6	6.38	6.38	0.00	-18.9	-2.9



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3777.0usft
Site:	Fruit Loop 29 State	MD Reference:	KB = 25' @ 3777.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
11,248.0	80.10	181.00	10,944.6	-320.3	-13.7	3.67	3.47	-1.22	-11.5	-4.4	
11,343.0	87.00	179.80	10,955.3	-414.6	-14.3	7.37	7.26	-1.26	-2.6	-5.8	
11,438.0	90.90	180.50	10,957.0	-509.6	-14.6	4.17	4.11	0.74	-2.5	-6.9	
11,533.0	92.80	181.20	10,954.0	-604.5	-16.0	2.13	2.00	0.74	-7.3	-9.1	
11,628.0	91.70	179.70	10,950.2	-699.4	-16.7	1.96	-1.16	-1.58	-12.7	-10.6	
11,723.0	92.10	179.50	10,947.1	-794.4	-16.0	0.47	0.42	-0.21	-17.6	-10.7	
11,740.3	91.77	179.55	10,946.5	-811.7	-15.9	1.92	-1.89	0.32	-18.5	-10.7	
TGT 1 (Fruit Loop 29 State #503H)											
11,818.0	90.30	179.80	10,945.1	-889.3	-15.5	1.92	-1.89	0.32	-20.7	-10.9	
11,913.0	90.80	180.00	10,944.2	-984.3	-15.3	0.57	0.53	0.21	-22.4	-11.5	
12,008.0	91.60	180.20	10,942.2	-1,079.3	-15.5	0.87	0.84	0.21	-25.2	-12.4	
12,104.0	89.00	179.80	10,941.7	-1,175.3	-15.5	2.74	-2.71	-0.42	-26.5	-13.2	
12,198.0	89.10	179.80	10,943.3	-1,269.3	-15.1	0.11	0.11	0.00	-25.8	-13.7	
12,294.0	89.90	180.20	10,944.1	-1,365.3	-15.1	0.93	0.83	0.42	-25.7	-14.5	
12,389.0	91.40	180.90	10,943.0	-1,460.3	-16.0	1.74	1.58	0.74	-27.6	-16.2	
12,484.0	88.90	180.70	10,942.8	-1,555.3	-17.4	2.64	-2.63	-0.21	-28.7	-18.2	
12,578.0	89.10	181.30	10,944.4	-1,649.2	-19.0	0.67	0.21	0.64	-27.9	-20.7	
12,673.0	87.70	180.20	10,947.1	-1,744.2	-20.3	1.87	-1.47	-1.16	-26.0	-22.7	
12,768.0	87.70	181.10	10,950.9	-1,839.1	-21.3	0.95	0.00	0.95	-23.0	-24.5	
12,863.0	87.40	179.10	10,954.9	-1,934.0	-21.5	2.13	-0.32	-2.11	-19.7	-25.5	
12,901.9	88.01	179.43	10,956.5	-1,972.8	-21.0	1.79	1.58	0.84	-18.5	-25.3	
TGT 2 (Fruit Loop 29 State #503H)											
12,958.0	88.90	179.90	10,958.0	-2,028.9	-20.7	1.79	1.58	0.84	-17.5	-25.4	
13,053.0	87.40	178.20	10,961.1	-2,123.9	-19.1	2.39	-1.58	-1.79	-15.2	-24.7	
13,148.0	88.60	177.60	10,964.4	-2,218.7	-15.6	1.41	1.26	-0.63	-12.8	-22.0	
13,243.0	90.20	178.40	10,965.4	-2,313.7	-12.3	1.88	1.68	0.84	-12.6	-19.4	
13,338.0	91.70	178.80	10,963.8	-2,408.6	-10.0	1.63	1.58	0.42	-15.0	-17.9	



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3777.0usft
Site:	Fruit Loop 29 State	MD Reference:	KB = 25' @ 3777.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
13,433.0	93.00	179.00	10,959.9	-2,503.5	-8.2	1.38	1.37	0.21	-19.8	-16.8
13,528.0	90.50	179.10	10,957.0	-2,598.5	-6.6	2.63	-2.63	0.11	-23.5	-16.0
13,623.0	90.40	179.30	10,956.3	-2,693.5	-5.3	0.24	-0.11	0.21	-25.1	-15.5
13,718.0	91.40	179.60	10,954.8	-2,788.4	-4.3	1.10	1.05	0.32	-27.4	-15.4
13,813.0	89.70	178.80	10,953.9	-2,883.4	-3.0	1.98	-1.79	-0.84	-29.2	-14.8
13,908.0	89.70	179.10	10,954.3	-2,978.4	-1.3	0.32	0.00	0.32	-29.5	-13.8
14,003.0	90.80	179.20	10,953.9	-3,073.4	0.1	1.16	1.16	0.11	-30.8	-13.2
14,037.5	90.65	179.20	10,953.5	-3,107.9	0.6	0.42	-0.42	0.00	-31.5	-13.0
TGT 3 (Fruit Loop 29 State #503H)										
14,098.0	90.40	179.20	10,952.9	-3,168.4	1.5	0.42	-0.42	0.00	-32.6	-12.7
14,193.0	88.40	178.20	10,953.9	-3,263.3	3.6	2.35	-2.11	-1.05	-32.3	-11.3
14,288.0	88.70	178.40	10,956.3	-3,358.3	6.4	0.38	0.32	0.21	-30.7	-9.3
14,384.0	87.70	178.50	10,959.4	-3,454.2	9.0	1.05	-1.04	0.10	-28.5	-7.5
14,478.0	88.20	179.20	10,962.7	-3,548.1	10.9	0.91	0.53	0.74	-25.9	-6.3
14,574.0	89.10	179.30	10,965.0	-3,644.1	12.2	0.94	0.94	0.10	-24.4	-5.9
14,669.0	88.40	179.40	10,967.1	-3,739.0	13.2	0.74	-0.74	0.11	-23.1	-5.6
14,764.0	89.00	179.60	10,969.2	-3,834.0	14.1	0.67	0.63	0.21	-21.7	-5.5
14,859.0	89.90	179.50	10,970.1	-3,929.0	14.8	0.95	0.95	-0.11	-21.6	-5.5
14,954.0	91.40	179.80	10,969.0	-4,024.0	15.4	1.61	1.58	0.32	-23.5	-5.7
15,049.0	92.90	179.60	10,965.5	-4,118.9	15.9	1.59	1.58	-0.21	-27.8	-6.0
15,144.0	91.10	179.10	10,962.2	-4,213.9	17.0	1.97	-1.89	-0.53	-31.9	-5.7
15,239.0	90.90	179.80	10,960.5	-4,308.8	17.9	0.77	-0.21	0.74	-34.3	-5.6
15,260.4	90.25	179.73	10,960.3	-4,330.3	18.0	3.07	-3.05	-0.32	-34.7	-5.7
TGT 4 (Fruit Loop 29 State #503H)										
15,334.0	88.00	179.50	10,961.4	-4,403.8	18.5	3.07	-3.05	-0.32	-34.0	-5.8
15,429.0	87.70	179.50	10,965.0	-4,498.8	19.3	0.32	-0.32	0.00	-31.0	-5.7
15,524.0	89.20	180.10	10,967.5	-4,593.7	19.6	1.70	1.58	0.63	-28.9	-6.2



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3777.0usft
Site:	Fruit Loop 29 State	MD Reference:	KB = 25' @ 3777.0usft
Well:	#503H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
15,619.0	90.10	180.10	10,968.1	-4,688.7	19.5	0.95	0.95	0.00	-28.9	-7.1	
15,714.0	91.30	180.40	10,967.0	-4,783.7	19.0	1.30	1.26	0.32	-30.6	-8.3	
15,731.0	91.50	180.50	10,966.6	-4,800.7	18.9	1.32	1.18	0.59	-31.1	-8.6	
Final MWD Survey (MD=15731.0')											
15,789.4	91.50	180.50	10,965.0	-4,859.1	18.4	0.00	0.00	0.00	-33.0	-9.6	
PBHL (Fruit Loop 29 State #503H)											
15,790.0	91.50	180.50	10,965.0	-4,859.7	18.4	0.00	0.00	0.00	-33.0	-9.6	
Final Projection to Bit (MD=15790.0')											

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,475.4	10,458.1	208.9	6.5	HL Crossing, MD:10475.4', TVD:10458.1', N/S:208.9', E/W:6.5', INC:12.21
15,731.0	10,966.6	-4,800.7	18.9	Final MWD Survey (MD=15731.0')
15,790.0	10,965.0	-4,859.7	18.4	Final Projection to Bit (MD=15790.0')

Checked By: _____ Approved By: _____ Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 2/25/2021



Lea County, NM (NAD 83 NME)

Fruit Loop 29 State #503H

Plan #1

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

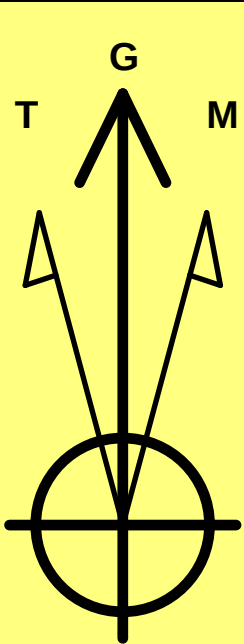
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #503H

KB = 25' @ 3777.0usft 3752.0
Northing 530503.00 Easting 767345.00 Latitude 32° 27' 22.626 N Longitude 103° 36' 2.180 W

Azimuths to Grid North
True North: -0.39°
Magnetic North: 6.52°

Magnetic Field
Strength: 48001.9nT
Dip Angle: 60.26°
Date: 2/15/2018
Model: IGRF2015



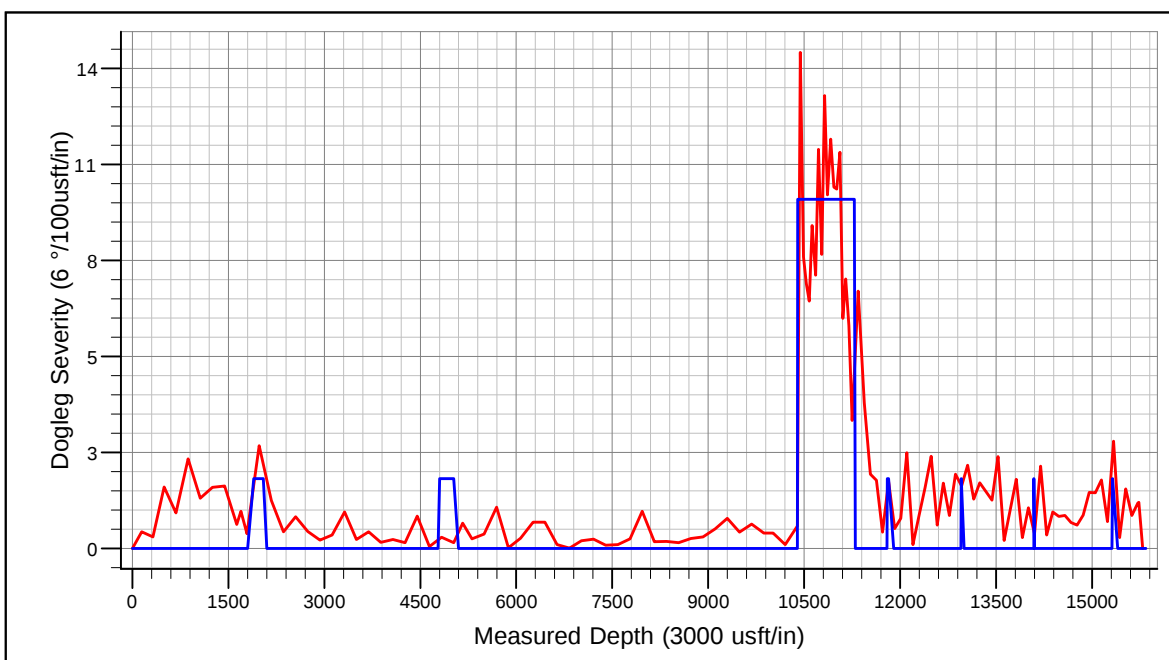
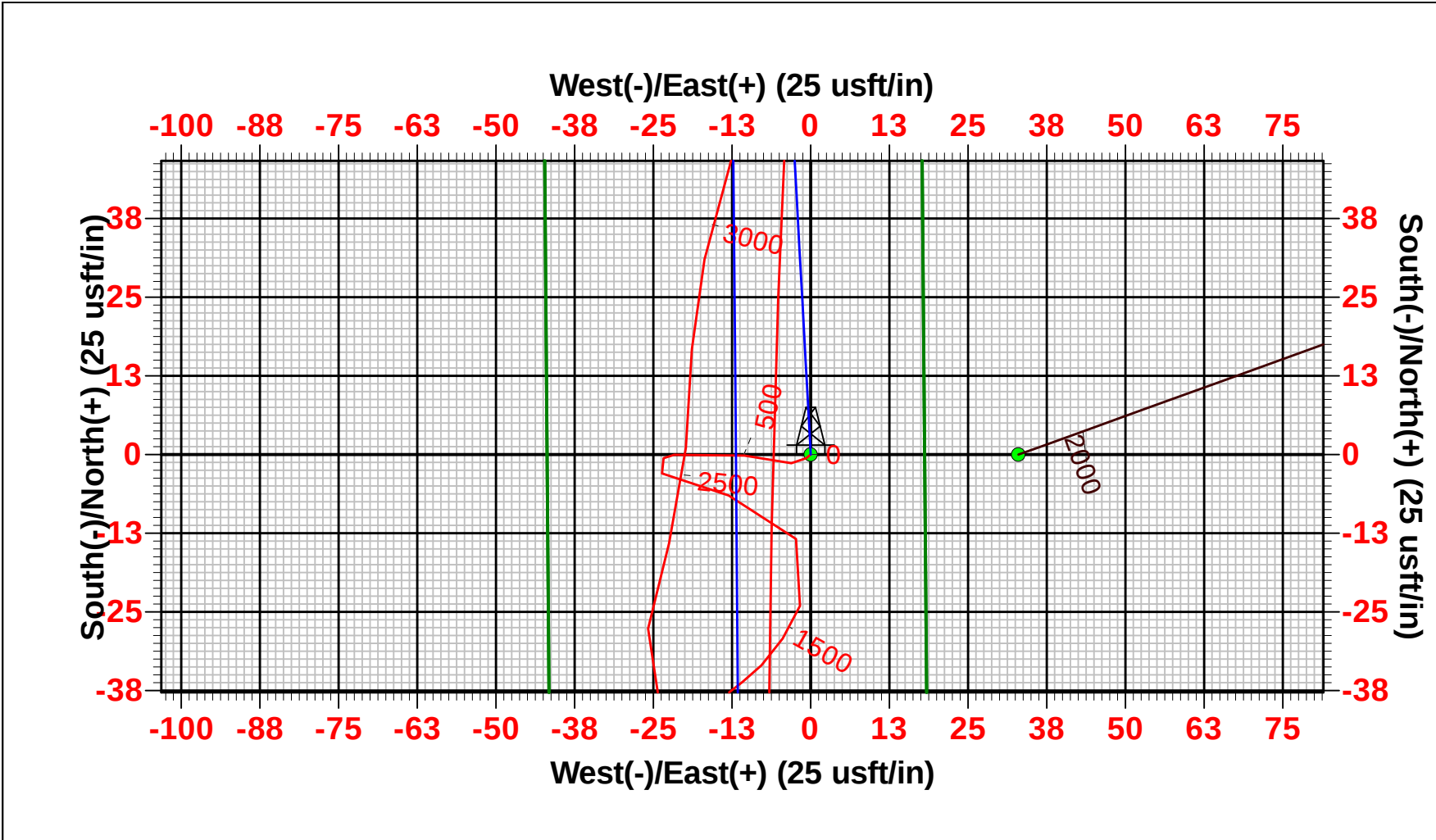
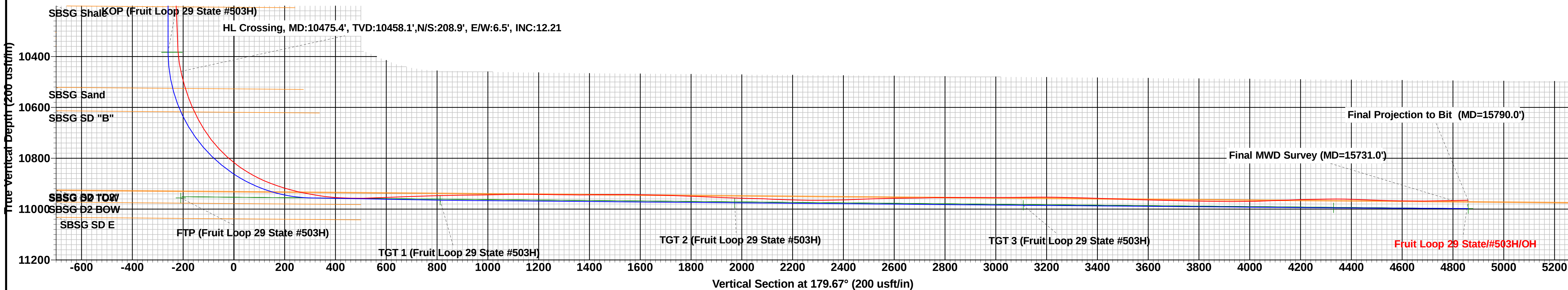
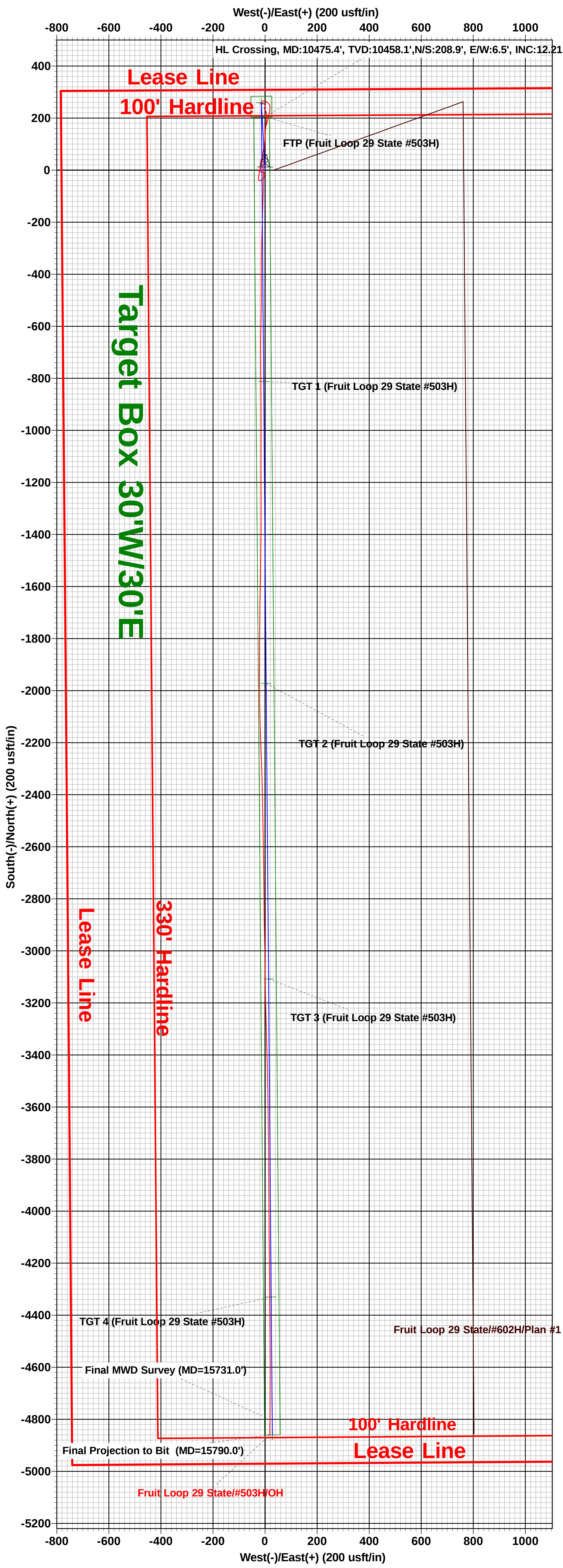
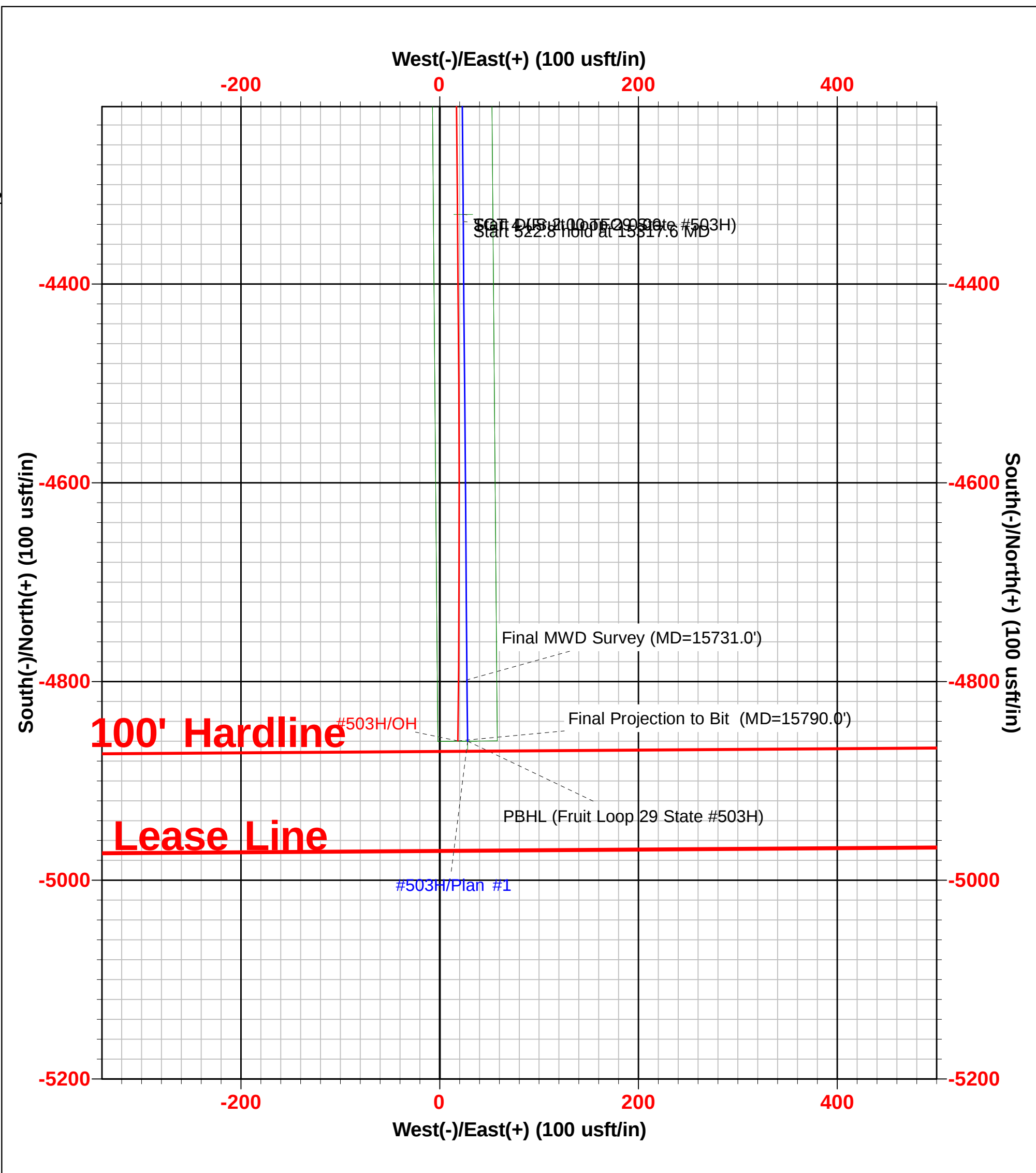
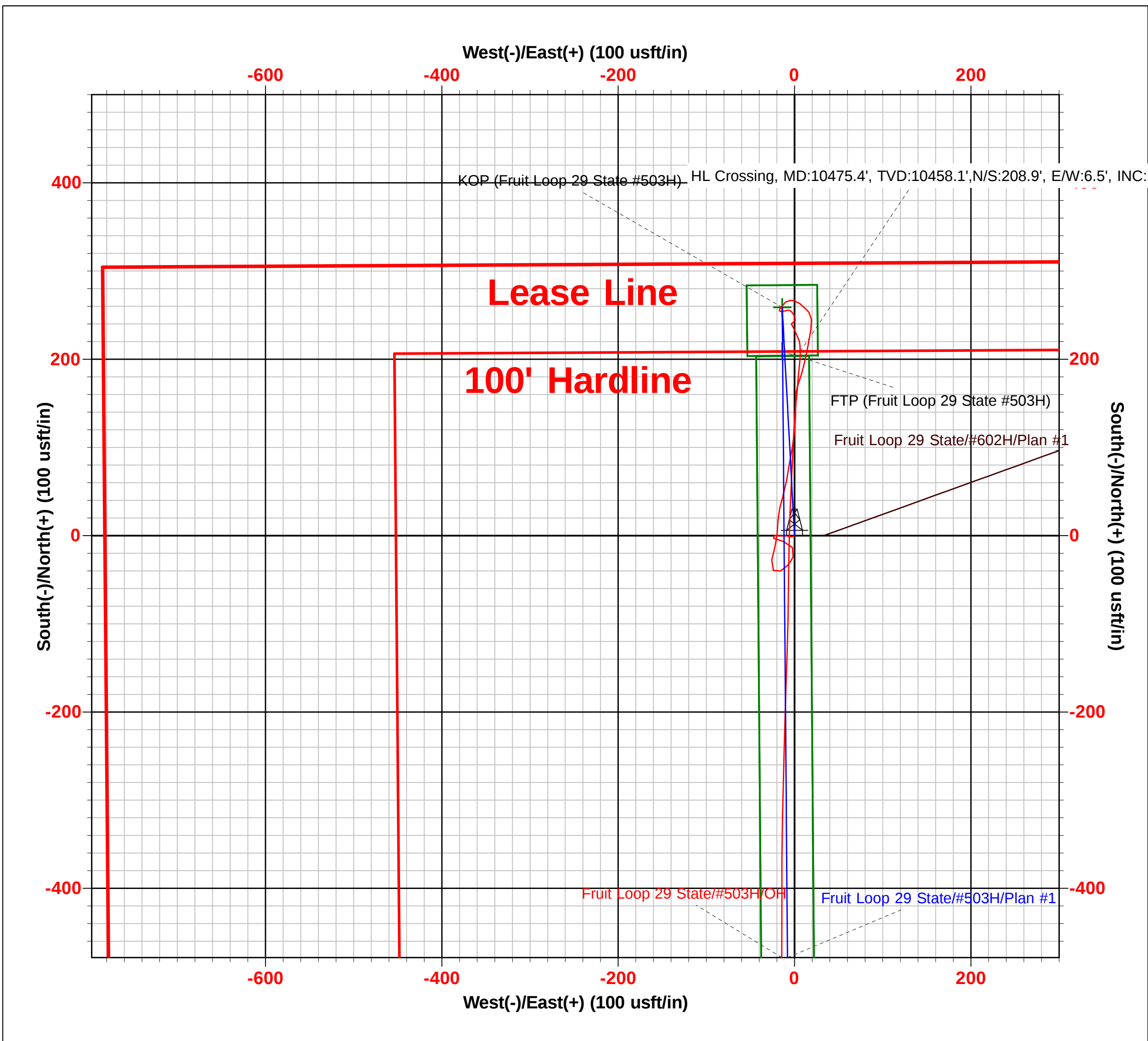
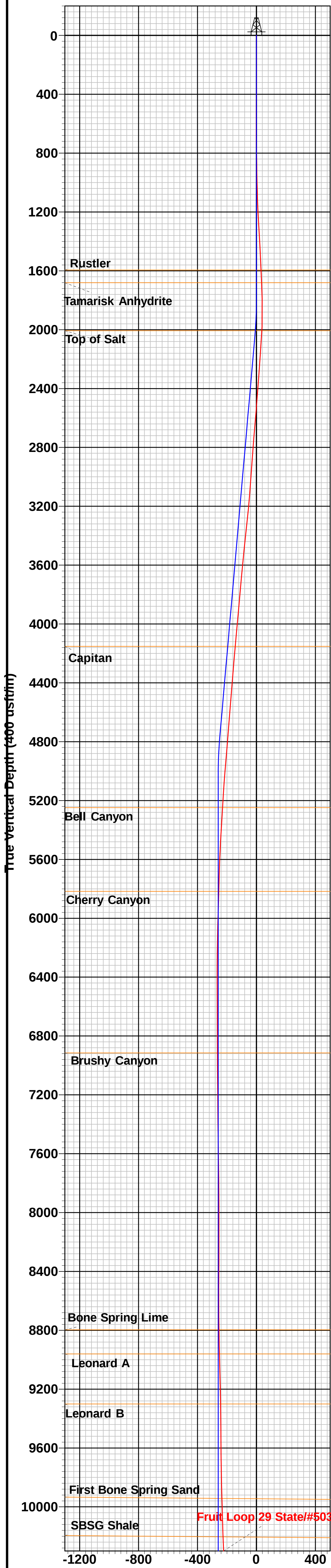
To convert a Magnetic Direction to a Grid Direction, Add 6.52°
To convert a Magnetic Direction to a True Direction, Add 6.91° East
To convert a True Direction to a Grid Direction, Subtract 0.39°

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2050.0	5.00	356.91	2049.7	10.9	-0.6	2.00	356.91	-10.9	
4	4776.0	5.00	356.91	4765.3	248.1	-13.4	0.00	0.00	-248.2	
5	5026.0	0.00	0.00	5015.0	259.0	-14.0	2.00	180.00	-259.1	
6	10394.0	0.00	0.00	10383.0	259.0	-14.0	0.00	0.00	-259.1	KOP (Fruit Loop 29 State #503H)
7	11283.7	88.97	179.53	10955.9	-303.6	-9.4	10.00	179.53	303.6	TGT 1 (Fruit Loop 29 State #503H)
8	11792.2	88.97	179.53	10965.0	-812.0	-5.2	0.00	0.00	812.0	TGT 2 (Fruit Loop 29 State #503H)
9	11819.3	89.51	179.53	10965.4	-839.1	-5.0	2.00	0.00	839.0	TGT 3 (Fruit Loop 29 State #503H)
10	12952.2	89.51	179.53	10975.0	-1972.0	4.3	0.00	0.00	1972.0	TGT 4 (Fruit Loop 29 State #503H)
11	12953.1	89.50	179.53	10975.0	-1972.8	4.3	2.00	-180.00	1972.8	PBHL (Fruit Loop 29 State #503H)
12	14088.3	89.50	179.53	10985.0	-3108.0	13.6	0.00	0.00	3108.0	
13	14090.1	89.53	179.53	10985.0	-3109.8	13.6	2.00	0.00	3109.8	
14	15310.3	89.53	179.53	10995.0	-4329.9	23.7	0.00	0.00	4330.0	
15	15317.6	89.68	179.53	10995.1	-4337.2	23.7	2.00	0.00	4337.2	
16	15840.4	89.68	179.53	10998.0	-4860.0	28.0	0.00	0.00	4860.1	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Fruit Loop 29 State #503H)	10383.0	259.0	-14.0	530762.00	767331.00
TGT 1 (Fruit Loop 29 State #503H)	10965.0	-812.0	-5.2	529691.00	767339.79
TGT 2 (Fruit Loop 29 State #503H)	10975.0	-1972.0	4.3	528531.00	767349.30
TGT 3 (Fruit Loop 29 State #503H)	10985.0	-3108.0	13.6	527395.00	767358.63
TGT 4 (Fruit Loop 29 State #503H)	10995.0	-4329.9	23.7	526173.10	767368.65
PBHL (Fruit Loop 29 State #503H)	10998.0	-4860.0	28.0	525643.00	767373.00
FTP (Fruit Loop 29 State #503H)	10956.0	209.0	-14.0	530712.00	767331.00



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 a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-44501
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name FRUIT LOOP 29 STATE
8. Well Number 503H
9. OGRID Number 7377
10. Pool name or Wildcat WC025 G07 S213330F;BONE SPRING

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator EOG RESOURCES INC	
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702	
4. Well Location Unit Letter D : 309' feet from the NORTH line and 782' feet from the WEST line Section 29 Township 21S Range 33E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3752' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: Completion	☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10/01/2019	Rig released
10/04/2019	Test void to 5000 psi, seals & flanges to 8500 psi
02/17/2020	Begin perf & frac
02/22/2020	Finish 15 stages perf & frac, 11,152 - 15,728' 900 3 1/8" shots 11,533,780 lbs proppant + 162,673 bbls load fluid
02/26/2020	Drilled out plugs and clean out wellbore
01/18/2021	Opened well to flowback - Date of First Production

Spud Date:

09/01/2019

Rig Release Date:

10/01/2019

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE KAY MADDUX TITLE Senior Regulatory Specialist DATE 02/25/2021

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-638-8475

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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								1. WELL API NO. 30-025-44501		
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)								2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name FRUIT LOOP 29 STATE								6. Well Number: 503H		
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 G07 S213330F;BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	29	21S	33E		309'	NORTH	782'	WEST	LEA
BH:	M	29	21S	33E		109'	SOUTH	760'	WEST	LEA
13. Date Spudded 09/01/2019	14. Date T.D. Reached 09/29/2019		15. Date Rig Released 10/01/2019			16. Date Completed (Ready to Produce) 01/18/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3752 GL		
18. Total Measured Depth of Well MD 15,790' TVD 10,965'			19. Plug Back Measured Depth MD 15,728' TVD 10,965'			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 11,152 - 15,728'										
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		1746'		17 1/2"		1545 CL C/CIRC		
9 5/8"		40# J-55		5218'		12 1/4"		1880 CL C/CIRC		
5 1/2"		20# HCP 110		15,780'		8 1/2"		3373 CL H/CIRC		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 11,152-15,728' 3 1/8", 900 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,152 - 15,728'		FRAC W/11,533,780 lbs proppant, 162,673 bbls load fld		
28. PRODUCTION										
Date First Production 01/18/2021		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 01/20/2021	Hours Tested 24	Choke Size 48	Prod'n For Test Period	Oil - Bbl 1039	Gas - MCF 1266	Water - Bbl. 1669	Gas - Oil Ratio 1218			
Flow Tubing Press.	Casing Pressure 162	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, 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 E-mail Address kay_maddox@eogresources.com Name Kay Maddox Title Senior Regulatory Specialist Date 02/25/2021										

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	1594'	T. Canyon	Brushy	6915'	T. Ojo Alamo	T. Penn A "
T. Salt		2007'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4557'	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	9945'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,527'		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
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 02/25/2021

☐ Original Operator & OGRID No.: EOG Resources Inc 7377
☒ Amended - Reason for Amendment: NEWLY COMPLETED WELL

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
FRUIT LOOP 29 STATE #503H	30-025-44501	29-21S-33E	309' FNL & 782' FWL	1100	1093 mcf total flared	New Well

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to ENTERPRISE and will be connected to EOG Resources Inc low/high pressure gathering system located in LEA County, New Mexico. It will require N/A' of pipeline to connect the facility to low/high pressure gathering system. EOG Resources Inc provides (periodically) to ENTERPRISE a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, EOG Resources Inc and ENTERPRISE have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ENTERPRISE Processing Plant located in LEA County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on ENTERPRISE system at that time. Based on current information, it is EOG Resources Inc belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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 18981

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	18981	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None