

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 7/22/2021	
⁴ API Number 30 - 025-47141	⁵ Pool Name TRIPLE X; BONE SPRING, WEST		⁶ Pool Code 96674
⁷ Property Code 324918	⁸ Property Name HEARTTHROB 17 STATE COM		⁹ Well Number 205H

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
B	17	24S	33E		680'	NORTH	1354'	EAST	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
O	17	24S	33E		110'	SOUTH	2289'	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 1/27/2021	²² Ready Date 7/22/2021	²³ TD 14,654'	²⁴ PBTD 14,630'	²⁵ Perforations 9,731'-14,630'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
16"	13 3/8"	1350'	790 SXS CL C/CIRC		
12 1/4"	9 5/8"	5,139'	1270 SXS CL C/CIRC		
7 7/8"	5 1/2"	14,638'	1625 SXS CL C/CIRC		

V. Well Test Data

³¹ Date New Oil 7/22/2021	³² Gas Delivery Date 7/22/2021	³³ Test Date 7/31/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 724
³⁷ Choke Size 98	³⁸ Oil 3431	³⁹ Water 4310	⁴⁰ Gas 5342		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: <i>Kristina Agee</i>	OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>
Printed name: Kristina Agee	Title: <i>PETROLEUM SPECIALIST</i>
Title: SENIOR REGULATORY ADMINISTRATOR	Approval Date: <i>10/27/2021</i>
E-mail Address: kristina_agee@eogresources.com	
Date: 8/12/2021	Phone: 432-686-6996

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 30-025-47141	² Pool Code 96674	³ Pool Name Triple X; Bone Spring, West
⁴ Property Code 324918	⁵ Property Name HEARTTHROB 17 STATE COM	
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number #205H
		⁹ Elevation 3593'

¹⁰Surface Location

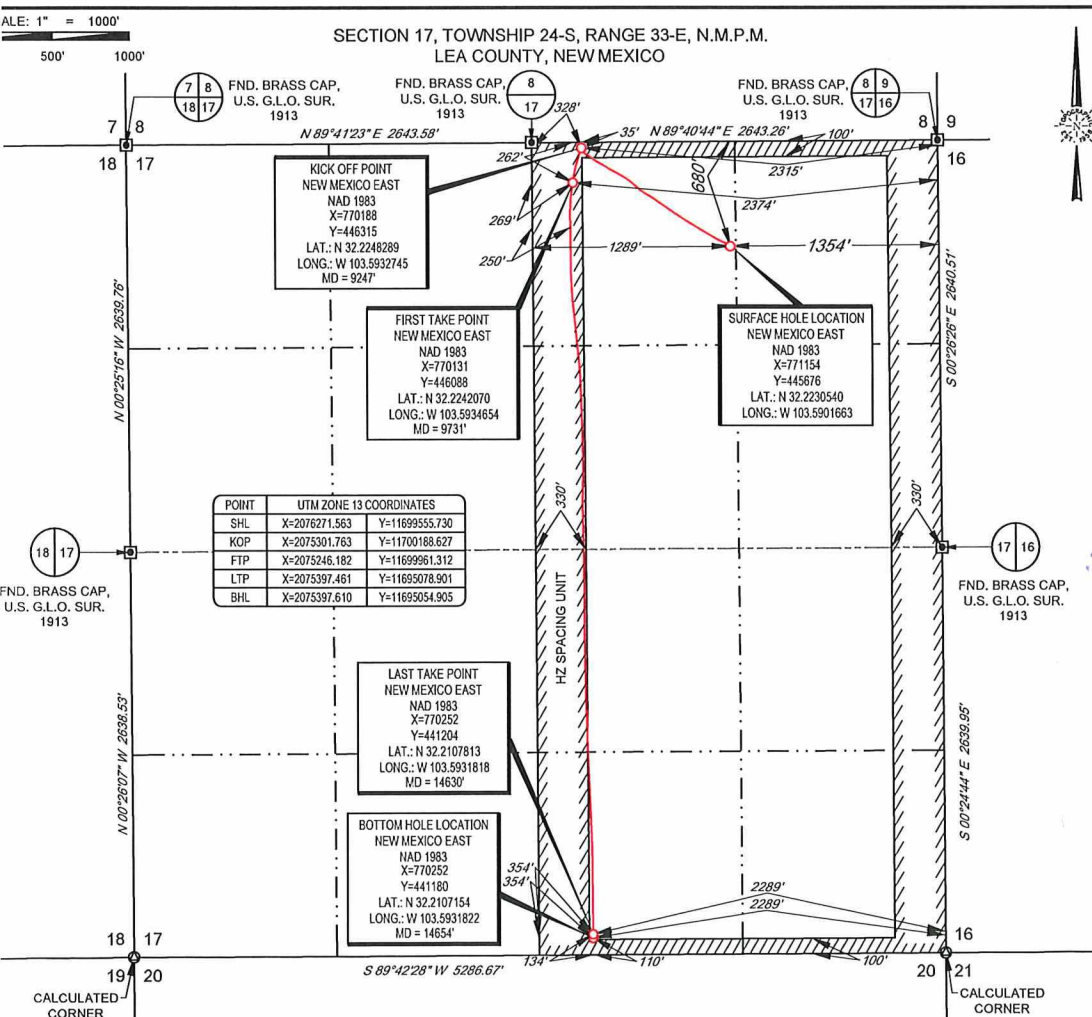
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	24-S	33-E	-	680'	NORTH	1354'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	24-S	33-E	-	110'	SOUTH	2289'	EAST	LEA

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8174
--	-------------------------------	----------------------------------	--

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or an undivided 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.

Kristina Agee 8/12/2021
Signature Date

Kristina Agee
Printed Name

Kristina-agee@egoresources.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

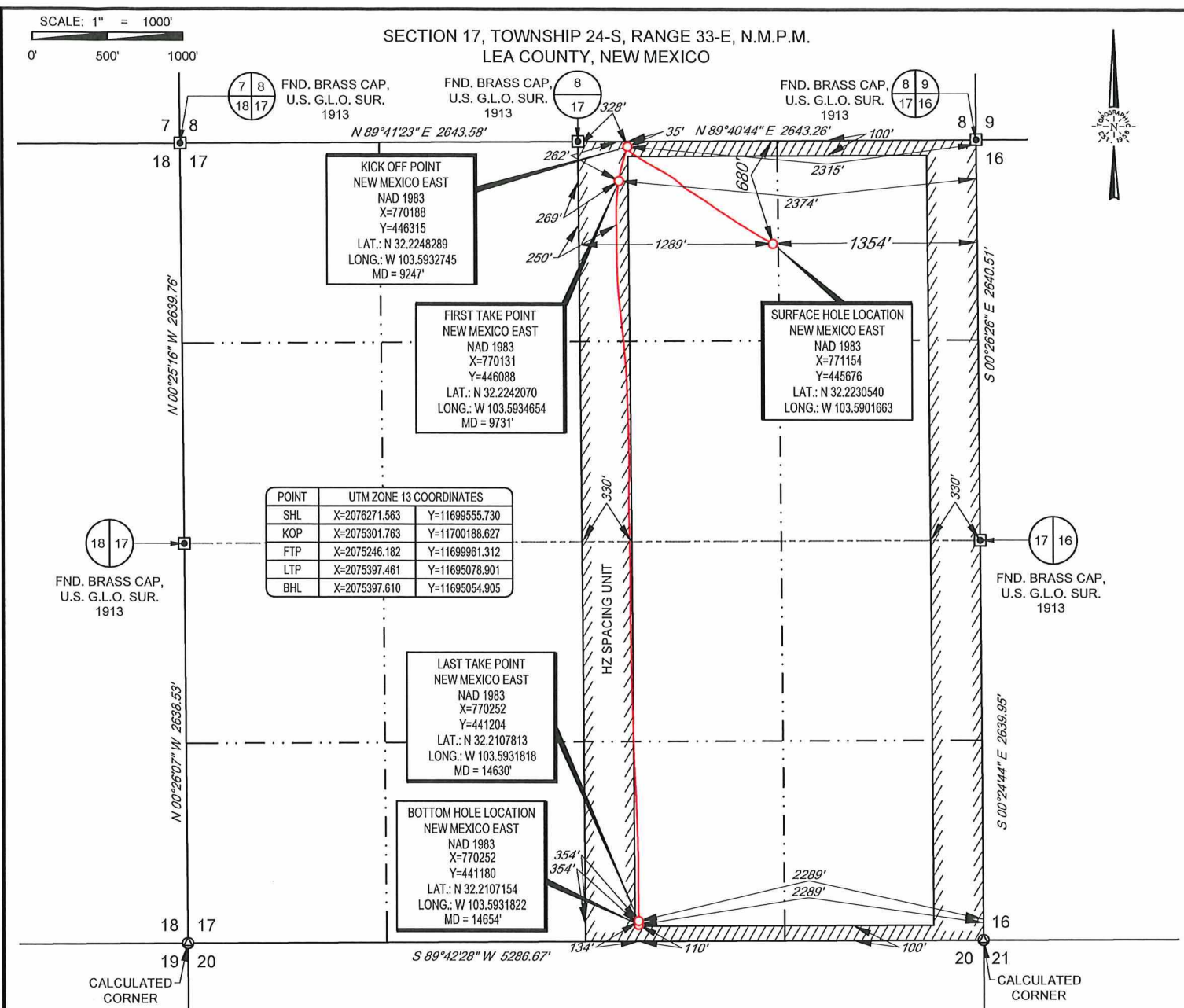
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

03/26/2020

Date of Survey
Signature and Seal of Professional Surveyor

Certificate Number

S:\SURVEY\EOG_MIDLAND\HEARTTHROB_17_STATE_COM\FINAL_PRODUCTS\SILO_HEARTTHROB_17SC_205H_REV2.DWG 4/14/2020 9:55:32 AM rdominguez



LEASE NAME & WELL NO.: HEARTTHROB 17 STATE COM 205H
SECTION 17 TWP. 24-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3594'
DESCRIPTION 680' FNL & 1354' FEL



Ramon A. Dominguez, P.S. No. 24508
July 27, 2021



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



HEARTTHROB 17 STATE COM 205H AS-COMplete	REVISION:	
DATE: 07/27/2021		
FILE:AD_HEARTTHROB_17SC_205H		
DRAWN BY: IMU		
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.



Lea County, NM (NAD 83 NME)

Heartthrob 17 State Com #205H

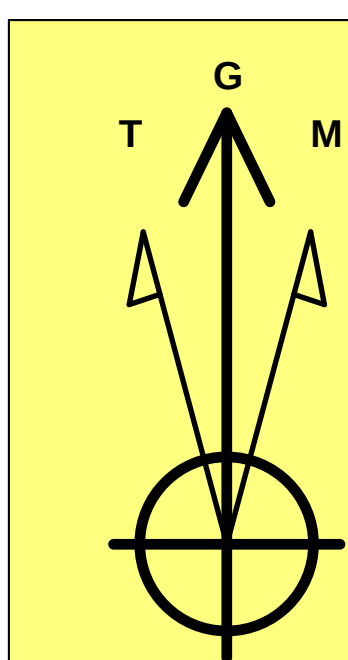
Plan #1

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: #205H

KB = 32' @ 3625.0usft
Northing 445676.00 Easting 771154.00 Latitude 32° 13' 22.998 N Longitude 103° 35' 24.596 W



Azimuths to Grid North
True North: -0.40°
Magnetic North: 6.31°

Magnetic Field
Strength: 47627.8nT
Dip Angle: 59.94°
Date: 2/19/2020
Model: IGRF2020

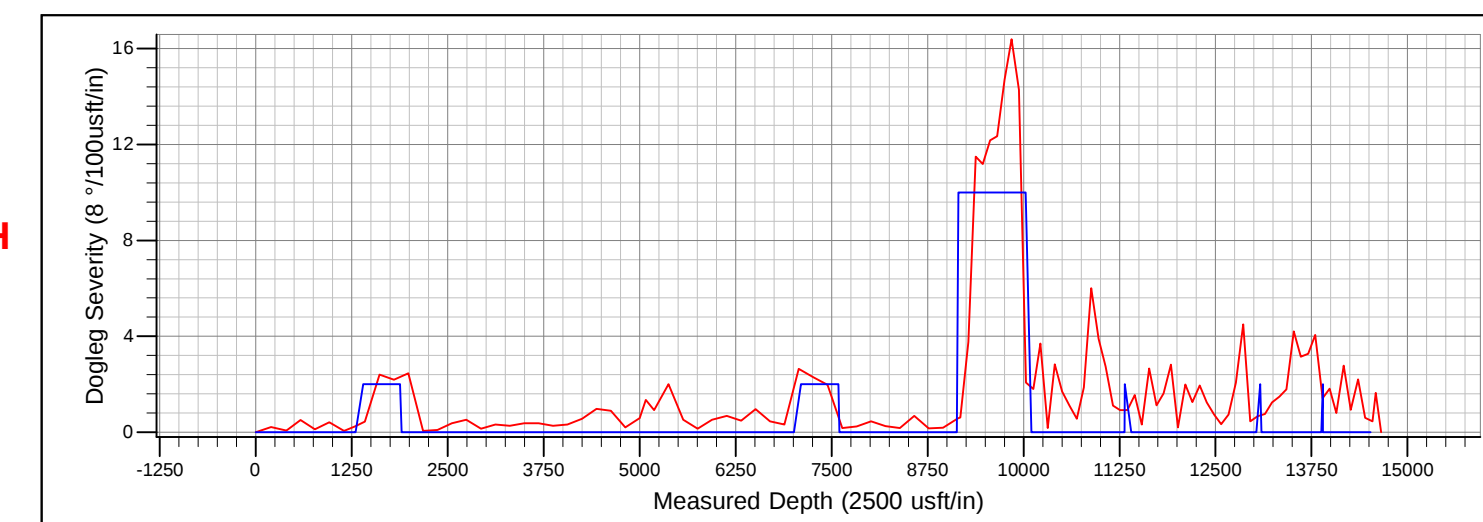
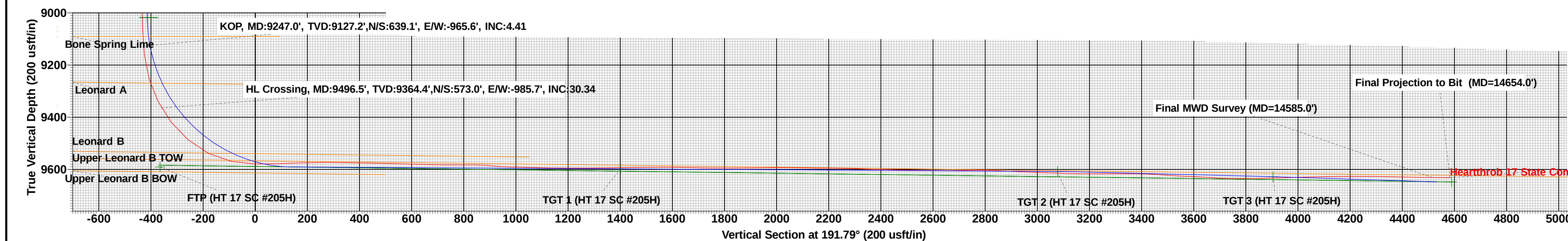
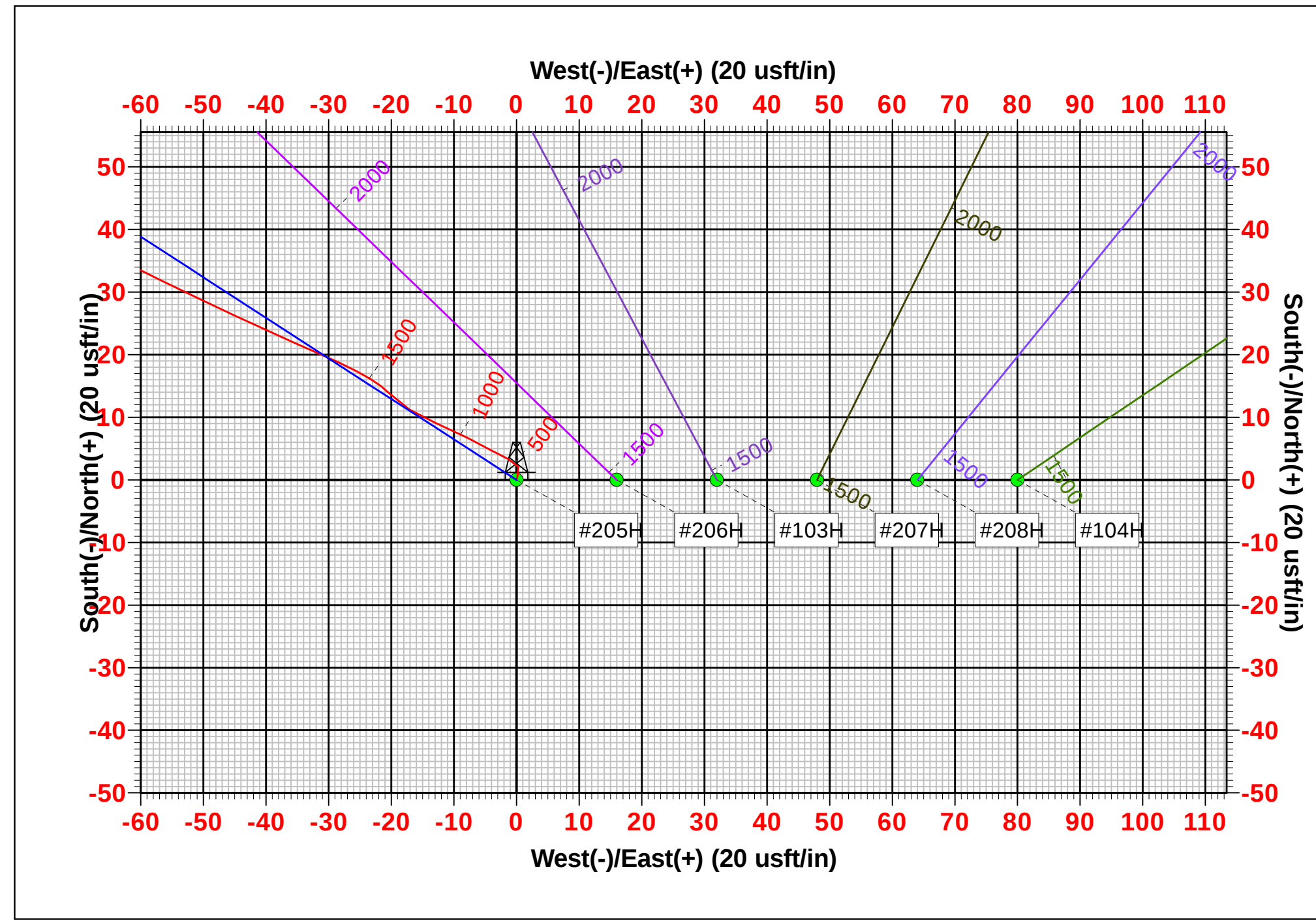
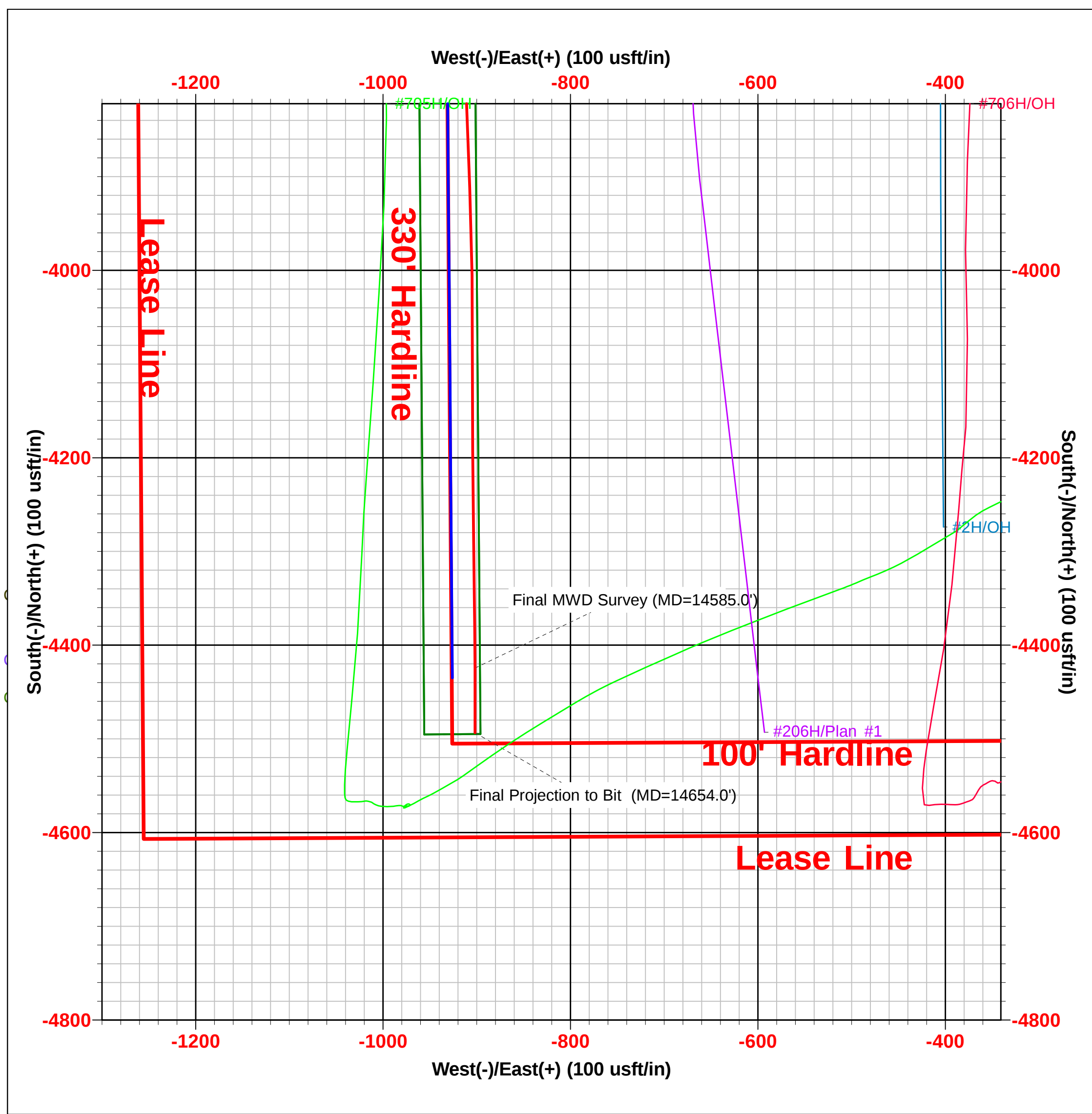
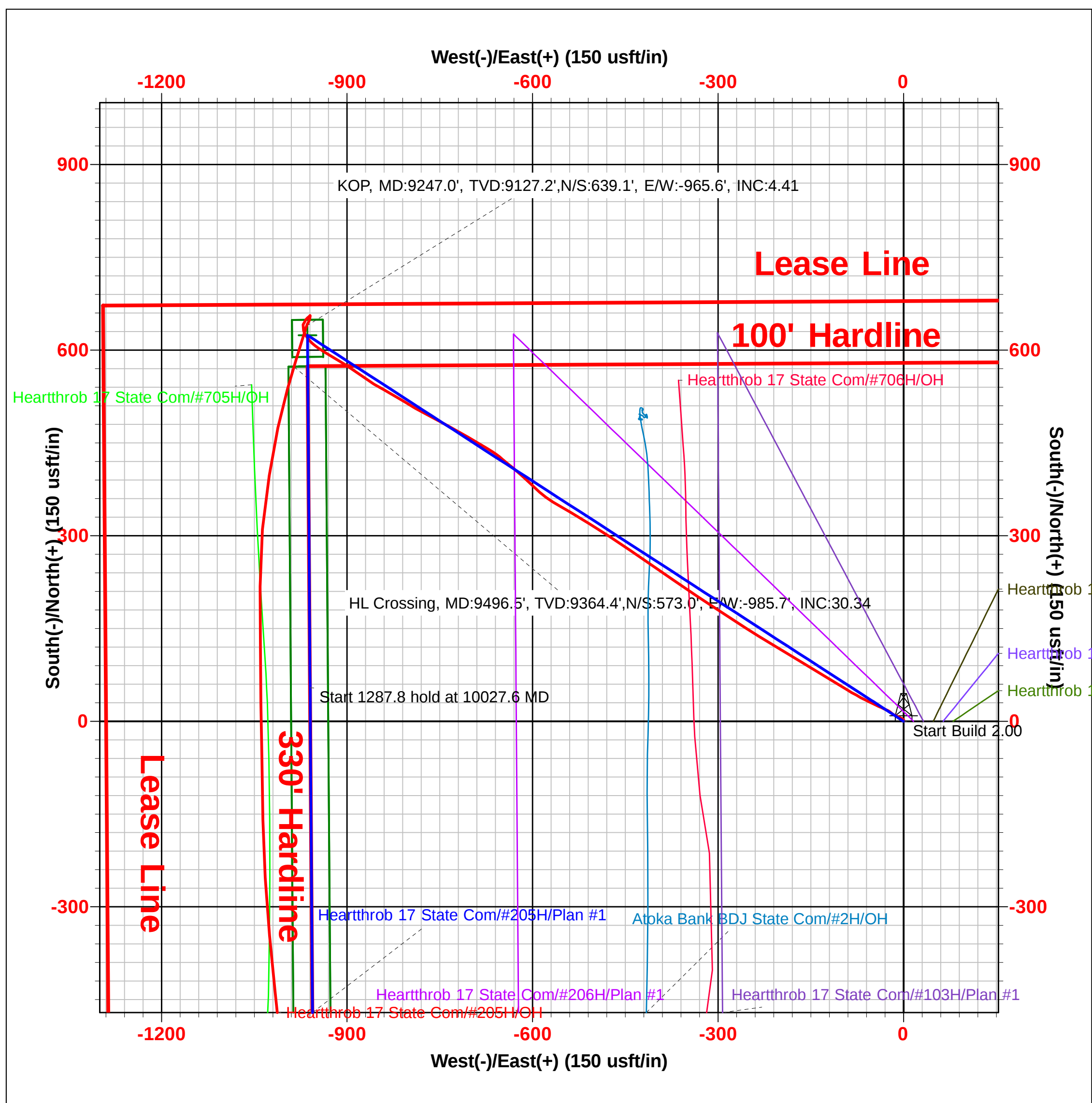
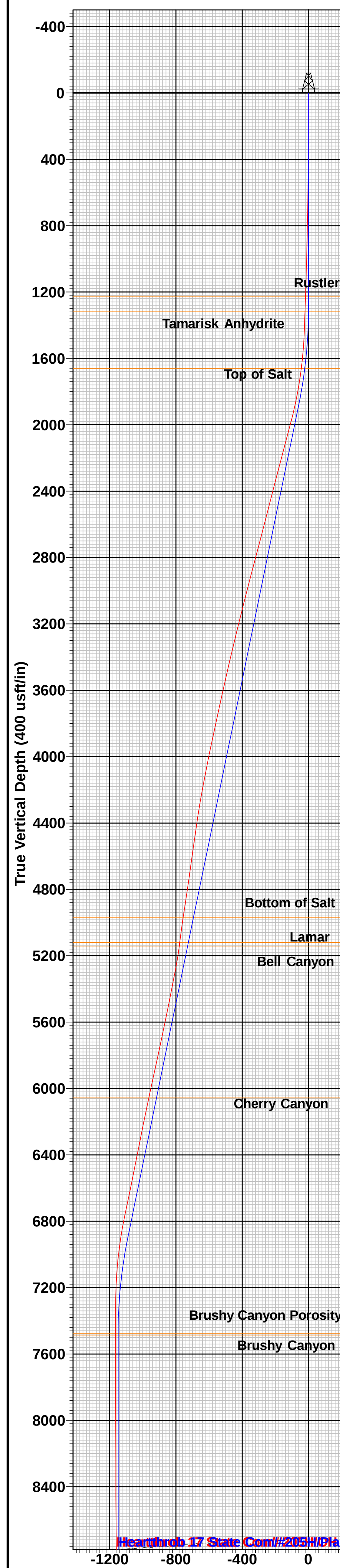
To convert a Magnetic Direction to a Grid Direction, Add 6.31°
To convert a Magnetic Direction to a True Direction, Add 6.71° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

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	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1880.1	11.60	302.92	1876.2	31.8	-49.1	2.00	302.92	-21.1	
4	7007.6	11.60	302.92	6898.8	592.2	-914.9	0.00	0.00	-392.7	
5	7587.7	0.00	0.00	7475.0	624.0	-964.0	2.00	180.00	-413.8	
6	9130.7	0.00	0.00	9018.0	624.0	-964.0	0.00	0.00	-413.8	KOP (HT 17 SC #205H)
7	10027.6	89.69	179.57	9590.9	54.2	-959.8	10.00	179.57	143.1	
8	11315.4	89.69	179.57	9598.0	-1233.6	-950.2	0.00	0.00	1401.8	TGT 1 (HT 17 SC #205H)
9	11316.4	89.67	179.57	9598.0	-1234.6	-950.2	2.00	-180.00	1402.8	
10	13030.4	89.67	179.57	9608.8	-2948.5	-937.5	0.00	0.00	3077.9	TGT 2 (HT 17 SC #205H)
11	13083.1	88.61	179.57	9608.8	-3001.2	-937.1	2.00	180.00	3129.3	
12	13876.2	88.61	179.57	9628.0	-3794.1	-931.2	0.00	0.00	3904.3	TGT 3 (HT 17 SC #205H)
13	13896.6	88.21	179.53	9628.6	-3814.5	-931.0	2.00	-174.31	3924.3	
14	14517.5	88.21	179.53	9648.0	-4435.0	-926.0	0.00	0.00	4530.6	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (HT 17 SC #205H)	9018.0	624.0	-964.0	446300.00	770190.00
FTP (HT 17 SC #205H)	9591.0	574.0	-964.0	446250.00	770190.00
TGT 1 (HT 17 SC #205H)	9598.0	-1233.6	-950.2	444442.40	770203.79
TGT 2 (HT 17 SC #205H)	9608.0	-2948.5	-937.5	442727.50	770216.52
TGT 3 (HT 17 SC #205H)	9628.0	-3794.1	-931.2	441881.90	770222.80
PBHL(HT 17 SC #205H)	9648.0	-4495.0	-926.0	441181.00	770228.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Heartthrob 17 State Com

#205H

OH

Design: OH

Final PVA

05 April, 2021



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3625.0usft
Site:	Heartthrob 17 State Com	MD Reference:	KB = 32' @ 3625.0usft
Well:	#205H	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	Heartthrob 17 State Com					
Site Position:		Northing:	441,601.00	usft	Latitude:	32° 12' 42.634 N
From:	Map	Easting:	771,748.00	usft	Longitude:	103° 35' 18.010 W
Position Uncertainty:	0.0	Slot Radius:	13-3/16	"	Grid Convergence:	0.40 °

Well		#205H				
Well Position	+N/-S	0.0 usft	Northing:	445,676.00 usft	Latitude:	32° 13' 22.998 N
	+E/-W	0.0 usft	Easting:	771,154.00 usft	Longitude:	103° 35' 24.596 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,593.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/19/2020	6.71	59.94	47,627.76322188

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	191.64

Survey Program		Date	4/5/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.0	14,654.0	DrilTech MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3625.0usft
Site:	Heartthrob 17 State Com	MD Reference:	KB = 32' @ 3625.0usft
Well:	#205H	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	
200.0	0.44	12.92	200.0	0.7	0.2	0.22	0.22	0.00	-0.8	0.0	
399.0	0.35	355.08	399.0	2.1	0.3	0.08	-0.05	-8.96	-2.1	-0.5	
584.0	1.06	293.47	584.0	3.3	-1.3	0.51	0.38	-33.30	-2.5	-2.5	
769.0	0.88	301.99	769.0	4.8	-4.1	0.12	-0.10	4.61	-6.0	-1.9	
960.0	1.67	295.58	959.9	6.8	-7.9	0.42	0.41	-3.36	-10.0	-2.7	
1,149.0	1.76	293.99	1,148.8	9.1	-13.0	0.05	0.05	-0.84	-15.6	-3.1	
1,289.0	2.02	300.59	1,288.7	11.3	-17.1	0.24	0.19	4.71	-20.4	-1.0	
1,422.0	1.85	317.64	1,421.7	14.0	-20.5	0.45	-0.13	12.82	-21.7	5.1	
1,611.0	6.16	293.47	1,610.2	20.3	-31.9	2.40	2.28	-12.79	-20.6	-3.1	
1,800.0	10.29	295.66	1,797.2	31.7	-56.4	2.19	2.19	1.16	-21.1	1.5	
1,988.0	14.77	301.11	1,980.7	51.3	-92.1	2.46	2.38	2.90	-24.9	6.2	
2,177.0	14.86	301.38	2,163.4	76.4	-133.4	0.06	0.05	0.14	-35.5	7.4	
2,366.0	14.68	301.29	2,346.1	101.5	-174.6	0.10	-0.10	-0.05	-46.0	8.4	
2,554.0	13.98	300.67	2,528.3	125.4	-214.5	0.38	-0.37	-0.33	-55.0	9.2	
2,743.0	14.86	302.61	2,711.3	150.1	-254.5	0.53	0.47	1.03	-64.0	12.0	
2,931.0	14.77	303.66	2,893.1	176.4	-294.8	0.15	-0.05	0.56	-74.3	13.1	
3,119.0	14.16	303.22	3,075.1	202.3	-334.0	0.33	-0.32	-0.23	-83.8	12.1	
3,307.0	13.81	304.80	3,257.6	227.7	-371.6	0.28	-0.19	0.84	-91.2	13.7	
3,496.0	13.10	304.19	3,441.4	252.6	-407.9	0.38	-0.38	-0.32	-97.5	11.7	
3,684.0	12.40	304.89	3,624.7	276.1	-442.0	0.38	-0.37	0.37	-101.1	11.8	
3,872.0	12.22	302.61	3,808.4	298.4	-475.4	0.28	-0.10	-1.21	-103.8	7.3	
4,060.0	11.61	302.26	3,992.4	319.2	-508.1	0.33	-0.32	-0.19	-104.9	7.0	
4,249.0	10.64	299.97	4,177.8	338.1	-539.3	0.56	-0.51	-1.21	-103.5	4.0	
4,438.0	8.79	301.46	4,364.1	354.3	-566.8	0.99	-0.98	0.79	-97.2	8.1	
4,626.0	7.91	311.57	4,550.1	370.4	-588.7	0.91	-0.47	5.38	-83.9	21.6	
4,814.0	8.09	314.12	4,736.3	388.2	-607.9	0.21	0.10	1.36	-71.7	18.4	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3625.0usft
Site:	Heartthrob 17 State Com	MD Reference:	KB = 32' @ 3625.0usft
Well:	#205H	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)
5,003.0	9.06	310.25	4,923.2	407.1	-628.8	0.60	0.51	-2.05	-63.1	7.9
5,079.0	8.09	307.97	4,998.3	414.2	-637.5	1.35	-1.28	-3.00	-59.4	3.8
5,189.0	7.21	311.83	5,107.3	423.6	-648.8	0.93	-0.80	3.51	-51.7	4.9
5,378.0	10.64	301.20	5,294.0	440.6	-672.6	2.01	1.81	-5.62	-42.7	-5.6
5,566.0	11.61	300.14	5,478.5	459.0	-703.8	0.53	0.52	-0.56	-41.0	-4.9
5,755.0	11.70	298.74	5,663.6	477.8	-737.0	0.16	0.05	-0.74	-41.2	-3.6
5,943.0	12.66	297.42	5,847.4	496.5	-772.0	0.53	0.51	-0.70	-43.1	-1.3
6,131.0	11.87	302.25	6,031.1	516.3	-806.7	0.69	-0.42	2.57	-45.2	4.4
6,320.0	11.78	297.77	6,216.1	535.6	-840.2	0.49	-0.05	-2.37	-46.2	2.8
6,507.0	11.08	306.20	6,399.4	555.1	-871.6	0.97	-0.37	4.51	-44.6	10.1
6,695.0	11.61	302.69	6,583.7	576.0	-902.1	0.46	0.28	-1.87	-44.3	6.4
6,884.0	11.78	299.79	6,768.8	595.9	-934.8	0.32	0.09	-1.53	-44.9	5.4
7,072.0	7.83	317.98	6,954.0	614.9	-960.1	2.65	-2.10	9.68	-36.2	15.2
7,259.0	4.66	345.84	7,139.9	631.8	-970.4	2.30	-1.70	14.90	-23.5	17.5
7,448.0	1.49	30.05	7,328.7	641.4	-971.1	1.98	-1.68	23.39	-11.7	18.5
7,636.0	1.14	31.02	7,516.6	645.1	-968.9	0.19	-0.19	0.52	-15.5	15.1
7,825.0	1.58	25.57	7,705.6	649.0	-966.8	0.24	0.23	-2.88	-21.4	13.3
8,012.0	1.23	58.61	7,892.5	652.4	-964.0	0.46	-0.19	17.67	-14.8	24.2
8,200.0	0.79	47.89	8,080.5	654.3	-961.3	0.25	-0.23	-5.70	-22.3	20.7
8,387.0	0.53	30.14	8,267.5	655.9	-959.9	0.18	-0.14	-9.49	-29.7	12.5
8,575.0	0.79	182.45	8,455.5	655.4	-959.5	0.68	0.14	81.02	31.6	3.1
8,763.0	1.06	193.88	8,643.4	652.4	-960.0	0.17	0.14	6.08	28.5	-2.9
8,952.0	1.41	189.84	8,832.4	648.4	-960.8	0.19	0.19	-2.14	24.6	-1.0
9,141.0	2.02	220.69	9,021.3	643.6	-963.4	0.57	0.32	16.32	15.3	-12.3
9,177.0	1.93	214.80	9,057.3	642.6	-964.1	0.62	-0.25	-16.36	16.3	-11.5
9,247.0	4.41	197.66	9,127.2	639.1	-965.6	3.76	3.55	-24.48	23.5	-9.2
KOP, MD:9247.0', TVD:9127.2', N/S:639.1', E/W:-965.6', INC:4.41										



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3625.0usft
Site:	Heartthrob 17 State Com	MD Reference:	KB = 32' @ 3625.0usft
Well:	#205H	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)
9,280.0	5.63	194.93	9,160.1	636.3	-966.4	3.76	3.69	-8.28	27.7	-9.9
9,375.0	16.53	198.36	9,253.1	618.9	-971.9	11.49	11.47	3.61	37.4	-20.1
9,469.0	27.00	195.99	9,340.3	585.6	-982.0	11.18	11.14	-2.52	45.4	-30.3
9,496.5	30.34	196.24	9,364.4	573.0	-985.7	12.17	12.16	0.92	46.8	-34.2
HL Crossing, MD:9496.5', TVD:9364.4', N/S:573.0', E/W:-985.7', INC:30.34										
9,563.0	38.43	196.69	9,419.3	537.0	-996.3	12.17	12.16	0.67	48.7	-44.9
9,656.0	49.42	191.86	9,486.2	474.5	-1,012.0	12.35	11.82	-5.19	51.4	-56.5
9,751.0	63.14	188.78	9,538.8	397.0	-1,025.9	14.69	14.44	-3.24	47.4	-67.5
9,844.0	78.08	185.62	9,569.6	310.2	-1,036.8	16.38	16.06	-3.40	34.1	-76.3
9,937.0	89.78	179.29	9,579.4	218.0	-1,040.7	14.28	12.58	-6.81	12.4	-79.8
10,032.0	91.54	180.17	9,578.3	123.0	-1,040.2	2.07	1.85	0.93	-7.8	-79.9
10,125.0	92.68	178.94	9,574.9	30.1	-1,039.5	1.80	1.23	-1.32	-16.2	-79.9
10,220.0	89.16	178.94	9,573.4	-64.9	-1,037.7	3.71	-3.71	0.00	-18.2	-78.8
10,314.0	89.16	179.11	9,574.8	-158.9	-1,036.1	0.18	0.00	0.18	-17.3	-77.9
10,408.0	88.72	176.48	9,576.5	-252.8	-1,032.5	2.84	-0.47	-2.80	-16.1	-75.0
10,502.0	88.55	174.89	9,578.7	-346.5	-1,025.4	1.70	-0.18	-1.69	-14.3	-68.7
10,596.0	88.55	173.84	9,581.1	-440.0	-1,016.2	1.12	0.00	-1.12	-12.5	-60.1
10,691.0	89.08	173.93	9,583.1	-534.4	-1,006.1	0.57	0.56	0.09	-11.1	-50.7
10,785.0	90.84	173.93	9,583.1	-627.9	-996.2	1.87	1.87	0.00	-11.6	-41.4
10,880.0	85.21	174.89	9,586.4	-722.4	-986.9	6.01	-5.93	1.01	-8.6	-33.0
10,974.0	88.81	175.60	9,591.3	-815.9	-979.1	3.90	3.83	0.76	-4.4	-25.8
11,068.0	88.46	178.15	9,593.6	-909.7	-974.0	2.74	-0.37	2.71	-2.7	-21.4
11,163.0	89.52	178.15	9,595.2	-1,004.6	-971.0	1.12	1.12	0.00	-1.5	-19.0
11,258.0	90.40	178.15	9,595.3	-1,099.6	-967.9	0.93	0.93	0.00	-2.0	-16.7
11,352.0	91.19	177.79	9,594.0	-1,193.5	-964.6	0.92	0.84	-0.38	-3.8	-14.0
11,446.0	90.57	179.11	9,592.5	-1,287.5	-962.0	1.55	-0.66	1.40	-5.8	-12.2
11,540.0	90.31	178.94	9,591.8	-1,381.5	-960.4	0.33	-0.28	-0.18	-7.0	-11.3



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3625.0usft
Site:	Heartthrob 17 State Com	MD Reference:	KB = 32' @ 3625.0usft
Well:	#205H	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)	
11,634.0	88.37	180.52	9,592.9	-1,475.4	-960.0	2.66	-2.06	1.68	-6.5	-11.6	
11,729.0	89.25	181.13	9,594.9	-1,570.4	-961.3	1.13	0.93	0.64	-5.1	-13.6	
11,823.0	90.75	180.87	9,594.9	-1,664.4	-963.0	1.62	1.60	-0.28	-5.6	-16.0	
11,918.0	90.31	178.23	9,594.0	-1,759.4	-962.2	2.82	-0.46	-2.78	-7.1	-15.9	
12,012.0	90.22	178.06	9,593.6	-1,853.3	-959.2	0.20	-0.10	-0.18	-8.0	-13.6	
12,106.0	88.81	179.29	9,594.4	-1,947.3	-957.0	1.99	-1.50	1.31	-7.8	-12.1	
12,200.0	89.96	179.55	9,595.4	-2,041.3	-956.1	1.25	1.22	0.28	-7.3	-11.8	
12,294.0	88.20	179.02	9,596.9	-2,135.3	-954.9	1.96	-1.87	-0.56	-6.4	-11.4	
12,387.0	88.29	180.17	9,599.7	-2,228.2	-954.2	1.24	0.10	1.24	-4.1	-11.4	
12,482.0	88.90	179.82	9,602.1	-2,323.2	-954.2	0.74	0.64	-0.37	-2.3	-12.1	
12,575.0	89.08	179.55	9,603.7	-2,416.2	-953.7	0.35	0.19	-0.29	-1.2	-12.3	
12,670.0	89.78	179.64	9,604.6	-2,511.2	-953.0	0.74	0.74	0.09	-0.8	-12.3	
12,765.0	91.54	178.76	9,603.6	-2,606.1	-951.7	2.07	1.85	-0.93	-2.5	-11.7	
12,859.0	87.32	179.02	9,604.5	-2,700.1	-949.9	4.50	-4.49	0.28	-2.1	-10.6	
12,953.0	87.32	178.59	9,608.9	-2,794.0	-947.9	0.46	0.00	-0.46	1.8	-9.3	
13,048.0	87.85	178.23	9,612.9	-2,888.9	-945.3	0.67	0.56	-0.38	5.2	-7.4	
13,142.0	88.55	178.06	9,615.8	-2,982.8	-942.3	0.77	0.74	-0.18	7.4	-5.0	
13,237.0	89.60	178.59	9,617.4	-3,077.7	-939.5	1.24	1.11	0.56	6.7	-3.0	
13,331.0	90.92	178.15	9,616.9	-3,171.7	-936.8	1.48	1.40	-0.47	4.0	-1.0	
13,424.0	89.25	178.15	9,616.8	-3,264.6	-933.8	1.80	-1.80	0.00	1.6	1.3	
13,517.0	85.38	177.62	9,621.2	-3,357.4	-930.4	4.20	-4.16	-0.57	3.7	4.1	
13,612.0	88.29	178.32	9,626.4	-3,452.2	-927.0	3.15	3.06	0.74	6.7	6.7	
13,706.0	85.65	176.74	9,631.4	-3,546.0	-923.0	3.27	-2.81	-1.68	9.4	10.1	
13,800.0	89.43	177.27	9,635.4	-3,639.7	-918.1	4.06	4.02	0.56	11.1	14.3	
13,894.0	90.66	177.79	9,635.3	-3,733.7	-914.0	1.42	1.31	0.55	8.8	17.6	
13,988.0	92.33	178.15	9,632.9	-3,827.6	-910.7	1.82	1.78	0.38	3.9	20.2	
14,072.0	92.07	177.53	9,629.7	-3,911.4	-907.5	0.80	-0.31	-0.74	-1.9	22.7	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3625.0usft
Site:	Heartthrob 17 State Com	MD Reference:	KB = 32' @ 3625.0usft
Well:	#205H	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)	
14,166.0	90.31	179.46	9,627.7	-4,005.4	-905.1	2.78	-1.87	2.05	-6.8	24.4	
14,260.0	91.01	179.99	9,626.6	-4,099.4	-904.6	0.93	0.74	0.56	-10.9	24.1	
14,354.0	88.99	179.55	9,626.6	-4,193.4	-904.2	2.20	-2.15	-0.47	-13.8	23.7	
14,448.0	88.55	179.20	9,628.6	-4,287.3	-903.2	0.60	-0.47	-0.37	-14.7	24.0	
14,543.0	88.90	179.46	9,630.8	-4,382.3	-902.1	0.46	0.37	0.27	-15.6	24.3	
14,585.0	89.43	179.90	9,631.4	-4,424.3	-901.9	1.64	1.26	1.05	-16.3	24.2	
Final MWD Survey (MD=14585.0')											
14,654.0	89.43	179.90	9,632.1	-4,493.3	-901.7	0.00	0.00	0.00	-36.8	53.7	
Final Projection to Bit (MD=14654.0')											

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,247.0	9,127.2	639.1	-965.6	KOP, MD:9247.0', TVD:9127.2', N/S:639.1', E/W:-965.6', INC:4.41	
9,496.5	9,364.4	573.0	-985.7	HL Crossing, MD:9496.5', TVD:9364.4', N/S:573.0', E/W:-985.7', INC:30.34	
14,585.0	9,631.4	-4,424.3	-901.9	Final MWD Survey (MD=14585.0')	
14,654.0	9,632.1	-4,493.3	-901.7	Final Projection to Bit (MD=14654.0')	

Checked By: _____ Approved By: _____ Date: _____

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

KRISTINA AGEE 8/12/2021

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. 30-025-47141	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name HEARTTHROB 17 STATE COM	
8. Well Number	205H
9. OGRID Number	7377
10. Pool name or Wildcat TRIPLE X; BONE SPRING, WEST	
4. Well Location Unit Letter B : 680' feet from the NORTH line and 1354' feet from the WEST line Section 17 Township 24S Range 33E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3593'	

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.

03/24/2021 Rig released
 03/27/2021 Test void to 5000 psi, seals & flanges to 8500 psi
 07/11/2021 Begin perf & frac
 07/16/2021 Finish 17 stages perf & frac, 9,731'-14,630' 1383 3 1/8" shots 11,725,838 lbs proppant + 240,110 bbls load fluid
 07/20/2021 Drilled out plugs and clean out wellbore
 07/22/2021 Opened well to flowback - Date of First Production

Spud Date:

01/27/2021

Rig Release Date:

03/24/2021

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

SIGNATURE Kristina Agee TITLE Sr. Regulatory Admin. DATE 8/12/2021

Type or print name Kristina Agee E-mail address: kristina_agee@eogresources.com PHONE: (432)686-6996

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 10/27/2021

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													
1. WELL API NO. 30-025-47141								2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN										
3. State Oil & Gas Lease No.								5. Lease Name or Unit Agreement Name HEARTTHROB 17 STATE COM										
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)								6. Well Number: 205H										
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 TRIPLE X; BONE SPRING, WEST												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	B	17	24S	33E		680'	NORTH	1354'	EAST	LEA								
BH:	O	17	24S	33E		110'	SOUTH	2289'	EAST	LEA								
13. Date Spudded 1/27/2021	14. Date T.D. Reached 3/23/2021		15. Date Rig Released 3/24/2021		16. Date Completed (Ready to Produce) 7/22/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3594'GL										
18. Total Measured Depth of Well MD 14,654' TVD 9,632'			19. Plug Back Measured Depth MD 14,630' TVD 9,632'		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 - 9,731'-14,630'																		
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"		40# J-55		1,350'		16"		790 CL C/CIRC										
9 5/8"		29.7# ICP 110		5,139'		12 1/4"		1,270 C/CIRC										
5 1/2"		20# HCP 110		14,638'		7 7/8"		1625 CL C/CIRC										
24. LINER RECORD																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET								
26. Perforation record (interval, size, and number) 9,731'-14,630' 3 1/8", 1383 Holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>9,731'-14,630'</td> <td>FRAC W/11,725,838 Lbs proppant, 240,110 bbls load fld</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	9,731'-14,630'	FRAC W/11,725,838 Lbs proppant, 240,110 bbls load fld				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
9,731'-14,630'	FRAC W/11,725,838 Lbs proppant, 240,110 bbls load fld																	
28. PRODUCTION																		
Date First Production 7/22/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 7/31/2021	Hours Tested 24	Choke Size 98	Prod'n For Test Period	Oil - Bbl 3431	Gas - MCF 5342	Water - Bbl. 4310	Gas - Oil Ratio 1557											
Flow Tubing Press.	Casing Pressure 724	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 45												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By										
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing, Gas capture																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																		
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude _____ Longitude _____ NAD 1927 1983																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature <i>Kristina Agee</i>			Printed Name Kristina Agee		Title Senior Regulatory Administrator			Date 8/12/2021										
E-mail Address kristina_agee@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	1225'	T. Canyon	Brushy	7,491'	T. Ojo Alamo	T. Penn A "
T. Salt		1662'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4968'	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	9,632'		T. Todilto	
T. Abo			T.			T. Entrada	
T. Wolfcamp			T.			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 52756

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52756
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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 52756

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52756
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	10/27/2021