

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 7/19/2021
⁴ API Number 30 - 025-47140	⁵ Pool Name TRIPLE X; BONE SPRING, WEST	⁶ Pool Code 96674
⁷ Property Code 319771	⁸ Property Name HEARTTHROB 17 STATE	⁹ Well Number 204H

II. ¹⁰ Surface Location

UL or lot no. C	Section 17	Township 24S	Range 33E	Lot Idn	Feet from the 725'	North/South Line NORTH	Feet from the 1354'	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. N	Section 17	Township 24S	Range 33E	Lot Idn	Feet from the 286'	North/South line SOUTH	Feet from the 1995'	East/West line WEST	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 1/25/2021	²² Ready Date 7/19/2021	²³ TD 14,522'	²⁴ PBTD 14,499'	²⁵ Perforations 10,240'-14,499'	²⁶ DHC, MC		
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement	
16"		13 3/8"		1348'		885 SXS CL C/CIRC	
12 1/4"		9 5/8"		5,047'		1,630 SXS CL C/CIRC	
7 7/8"		5 1/2"		14,507'		1660 SXS CL C/CIRC	

V. Well Test Data

³¹ Date New Oil 7/19/2021	³² Gas Delivery Date 7/19/2021	³³ Test Date 7/31/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 317
³⁷ Choke Size 74	³⁸ Oil 1112	³⁹ Water 2965	⁴⁰ Gas 1816		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		
Printed name: Kristina Agee			Approved by: PATRICIA MARTINEZ		
Title: SENIOR REGULATORY ADMINISTRATOR			Title: PETROLEUM SPECIALIST		
E-mail Address: kristina_agee@eogresources.com			Approval Date: 10/27/2021		
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 30-025-47140	² Pool Code 96674	³ Pool Name Triple X; Bone Spring, West
⁴ Property Code 319771	⁵ Property Name HEARTTHROB 17 STATE	
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number #204H
		⁹ Elevation 3576'

¹⁰Surface Location

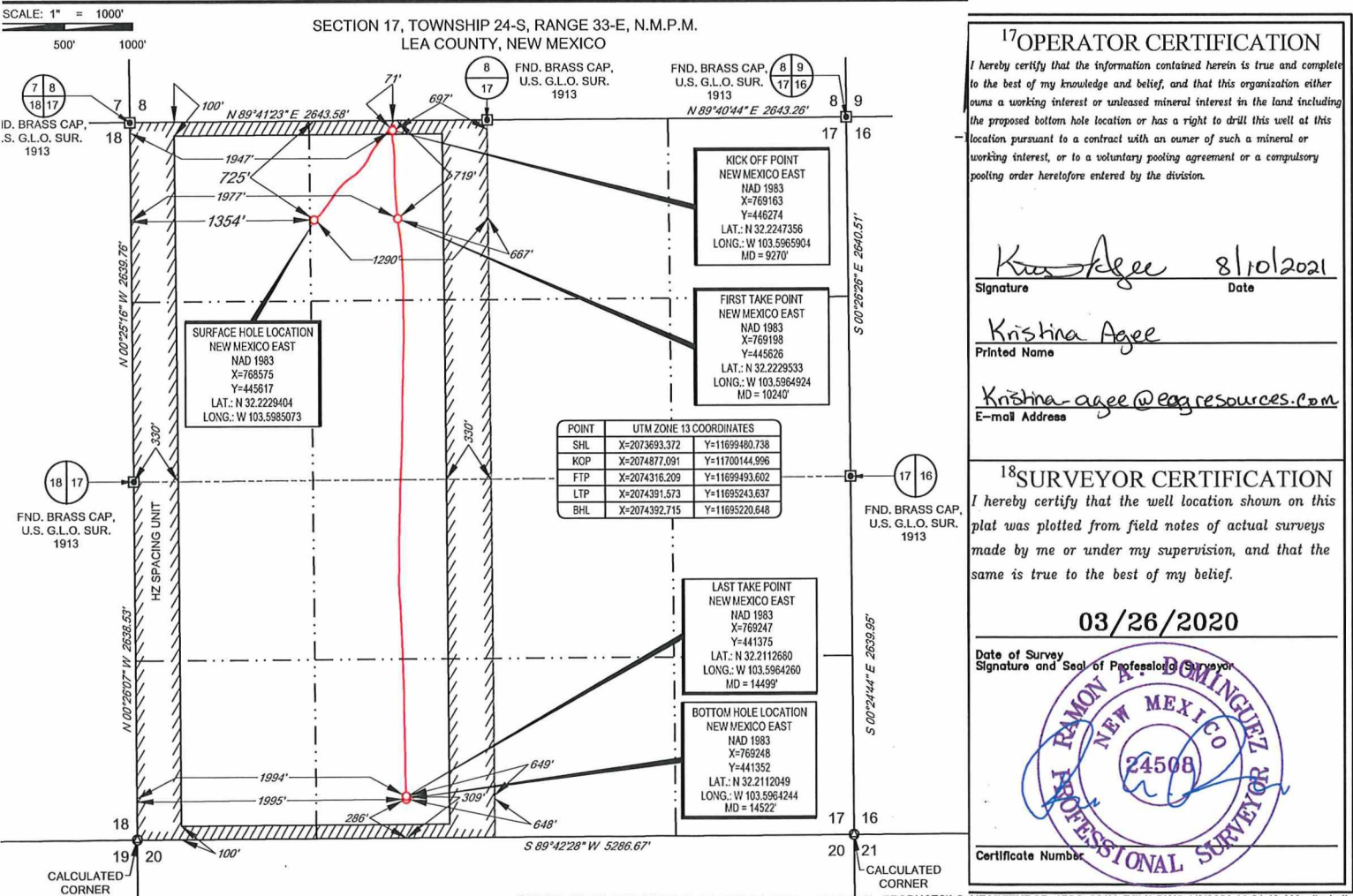
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	24-S	33-E	-	725'	NORTH	1354'	WEST	LEA

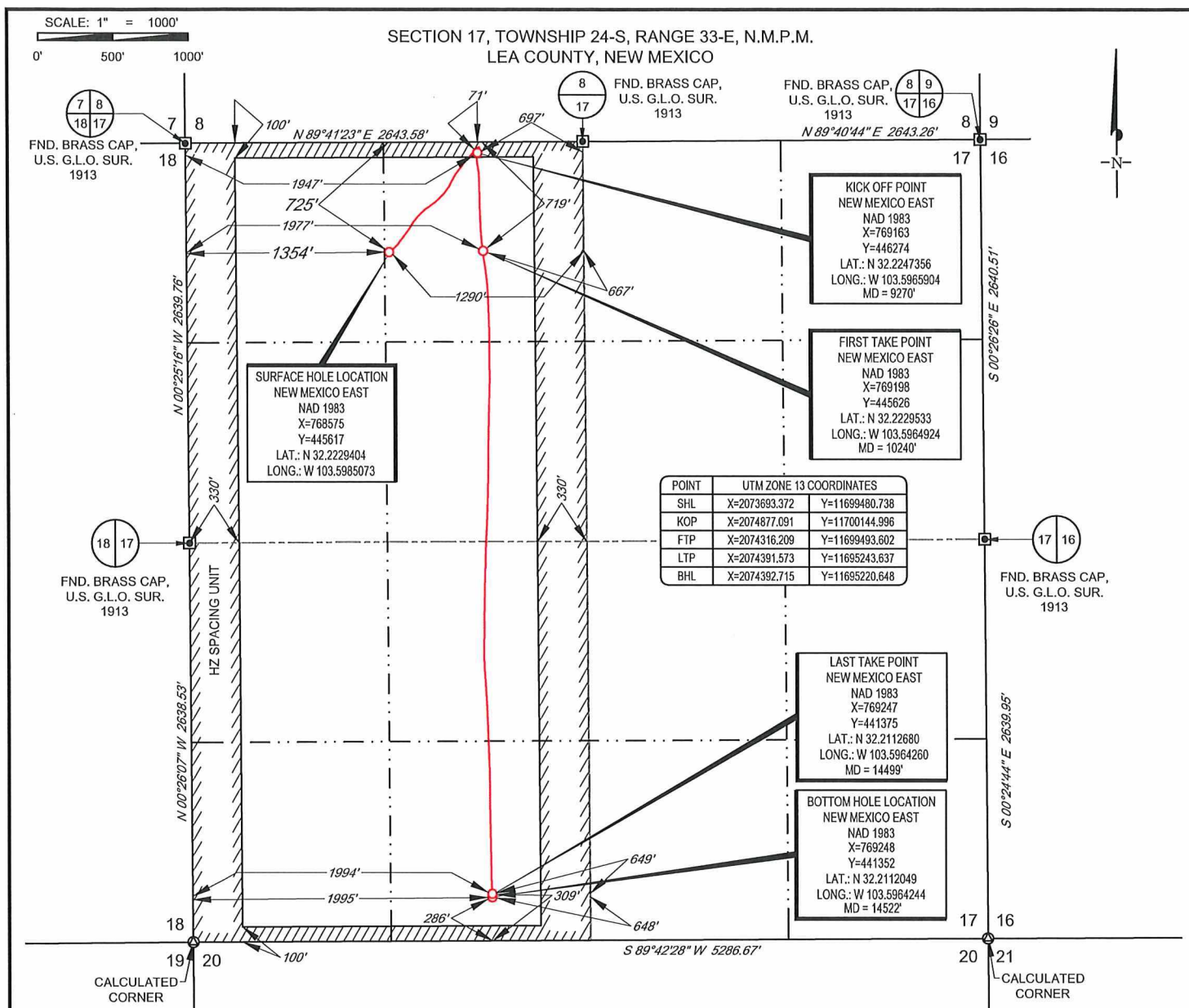
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	24-S	33-E	-	286'	SOUTH	1995'	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.





TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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



Ramon A. Dominguez, P.S. No. 24508
JUNE 29, 2021

HEARTTHROB 17 STATE #204H AS-COMPLETE DATE: 06/29/2021 FILE: AD_HEARTTHROB_17_STATE_204H DRAWN BY: A.V.F. SHEET: 1 OF 1	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.

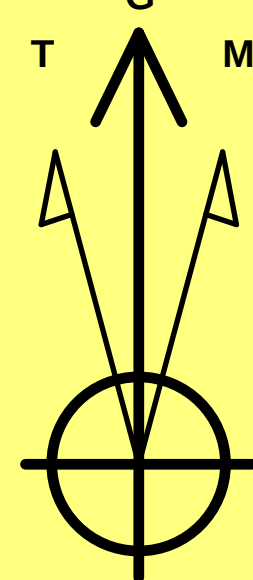
Z:\SURVEY\EOG_MIDLAND\HEARTTHROB_17_STATE\FINAL_PRODUCTS\AD_HEARTTHROB_17_STATE_204H.DWG 6/30/2021 10:12:59 AM eocha



Plan #1

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

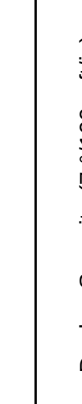
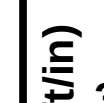
			3576.0
	KB = 32' @ 3608.0usft		
Northing	Easting	Latitude	Longitude
445617.00	768575.00	32° 13' 22.590 N	103° 35' 54.622 W



To convert a Magnetic Direction to a Grid Direction, Add 6.32°
 To convert a Magnetic Direction to a True Direction, Add 6.71° East
 To convert a True Direction to a Grid Direction, Subtract 0.39°

SECTION DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (HT 17 St #204H)	9270.0	678.0	572.0	446295.00	769147.00
TGT 1 (HT 17 St #204H)	9838.0	-699.8	632.0	444917.20	769206.96
FTP (HT 17 St #204H)	9843.0	628.0	622.0	446245.00	769197.00
TGT 2 (HT 17 St #204H)	9868.0	-2127.8	642.3	443489.20	769217.28
PBHL (HT 17 St #204H)	9908.0	-4441.0	659.0	441176.00	769234.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Heartthrob 17 State

#204H

OH

Design: OH

Final PVA

12 April, 2021



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #204H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3608.0usft
Site:	Heartthrob 17 State	MD Reference:	KB = 32' @ 3608.0usft
Well:	#204H	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							
Site Position:		Northing:		441,886.00	usft	Latitude:	32° 12' 45.730 N		
From:	Map	Easting:		767,698.00	usft	Longitude:	103° 36' 5.126 W		
Position Uncertainty:		0.0	usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.39 °

Well		#204H				
Well Position	+N/-S	0.0 usft	Northing:	445,617.00 usft	Latitude:	32° 13' 22.590 N
	+E/-W	0.0 usft	Easting:	768,575.00 usft	Longitude:	103° 35' 54.622 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,576.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/14/2020	6.71	59.94	47,628.38374606

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	171.56

Survey Program		Date	4/12/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
198.0	14,522.0	SDI MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



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Well:	#204H	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	
198.0	1.39	309.39	198.0	1.5	-1.9	0.70	0.70	0.00	-2.4	0.0	
228.0	1.40	300.16	228.0	1.9	-2.5	0.75	0.03	-30.77	-3.1	-0.4	
320.0	0.68	329.80	320.0	3.0	-3.7	0.95	-0.78	32.22	-4.4	1.7	
412.0	0.19	115.68	412.0	3.4	-3.8	0.92	-0.53	158.57	4.9	1.4	
502.0	0.47	106.58	502.0	3.2	-3.3	0.32	0.31	-10.11	4.1	2.1	
593.0	0.77	127.25	592.9	2.7	-2.5	0.41	0.33	22.71	3.6	0.7	
687.0	0.84	124.75	686.9	2.0	-1.4	0.08	0.07	-2.66	2.3	0.8	
782.0	1.08	134.42	781.9	0.9	-0.2	0.30	0.25	10.18	0.8	0.5	
875.0	1.46	134.79	874.9	-0.5	1.2	0.41	0.41	0.40	-1.2	0.5	
970.0	1.41	138.27	969.9	-2.2	2.9	0.11	-0.05	3.66	-3.6	0.7	
1,064.0	0.96	147.05	1,063.9	-3.8	4.1	0.51	-0.48	9.34	-5.4	1.4	
1,158.0	0.40	140.70	1,157.8	-4.7	4.7	0.60	-0.60	-6.76	-6.6	0.7	
1,252.0	0.17	199.14	1,251.8	-5.1	4.9	0.37	-0.24	62.17	-3.2	6.3	
1,294.0	0.17	165.01	1,293.8	-5.2	4.9	0.24	0.00	-81.26	-6.3	3.4	
1,424.0	0.92	261.78	1,423.8	-5.5	3.9	0.73	0.58	74.44	1.1	7.8	
1,518.0	0.67	357.49	1,517.8	-5.1	3.1	1.27	-0.27	101.82	11.3	2.7	
1,611.0	3.23	29.21	1,610.8	-2.2	4.4	2.89	2.75	34.11	16.3	-1.7	
1,706.0	5.73	40.84	1,705.5	3.7	8.8	2.79	2.63	12.24	20.1	-4.6	
1,800.0	8.78	47.86	1,798.7	12.0	17.2	3.37	3.24	7.47	21.3	-8.3	
1,894.0	12.06	47.77	1,891.2	23.5	29.8	3.49	3.49	-0.10	18.0	-10.1	
1,988.0	12.15	47.84	1,983.1	36.7	44.4	0.10	0.10	0.07	12.0	-11.9	
2,082.0	13.36	36.35	2,074.8	52.1	58.1	2.98	1.29	-12.22	7.3	-10.4	
2,175.0	13.96	36.84	2,165.1	69.7	71.2	0.66	0.65	0.53	-1.2	-9.6	
2,269.0	14.03	37.10	2,256.3	87.9	84.9	0.10	0.07	0.28	-10.2	-8.8	
2,362.0	12.22	37.52	2,346.9	104.7	97.7	1.95	-1.95	0.45	-17.8	-8.0	
2,457.0	10.54	37.87	2,440.0	119.5	109.2	1.77	-1.77	0.37	-22.6	-7.3	



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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)	
2,550.0	10.31	39.23	2,531.5	132.7	119.6	0.36	-0.25	1.46	-25.9	-6.3	
2,644.0	7.32	32.09	2,624.4	144.3	128.1	3.38	-3.18	-7.60	-25.5	-8.5	
2,738.0	6.87	31.75	2,717.7	154.1	134.3	0.48	-0.48	-0.36	-23.3	-6.7	
2,833.0	6.60	33.16	2,812.0	163.5	140.3	0.33	-0.28	1.48	-20.6	-4.3	
2,927.0	6.27	31.72	2,905.4	172.4	145.9	0.39	-0.35	-1.53	-17.2	-2.9	
3,021.0	6.13	32.21	2,998.9	181.0	151.3	0.16	-0.15	0.52	-13.6	-0.8	
3,116.0	7.39	34.65	3,093.2	190.3	157.5	1.36	1.33	2.57	-10.8	1.4	
3,210.0	9.39	35.84	3,186.2	201.5	165.4	2.14	2.13	1.27	-10.6	2.8	
3,304.0	9.20	37.52	3,279.0	213.7	174.5	0.35	-0.20	1.79	-11.8	3.9	
3,398.0	8.88	41.40	3,371.8	225.1	183.8	0.73	-0.34	4.13	-12.4	4.9	
3,493.0	8.47	45.19	3,465.7	235.5	193.7	0.74	-0.43	3.99	-12.4	5.0	
3,587.0	8.00	43.19	3,558.7	245.2	203.0	0.59	-0.50	-2.13	-12.1	3.6	
3,681.0	7.20	42.64	3,651.9	254.3	211.5	0.85	-0.85	-0.59	-10.7	2.8	
3,775.0	7.54	44.29	3,745.1	263.0	219.8	0.43	0.36	1.76	-8.8	2.3	
3,869.0	9.48	49.55	3,838.1	272.5	230.0	2.22	2.06	5.60	-8.7	1.3	
3,963.0	9.23	51.00	3,930.8	282.3	241.8	0.37	-0.27	1.54	-10.3	-0.9	
4,057.0	8.76	50.83	4,023.7	291.5	253.2	0.50	-0.50	-0.18	-11.3	-3.5	
4,151.0	8.14	52.20	4,116.7	300.1	264.0	0.69	-0.66	1.46	-11.6	-6.0	
4,244.0	7.45	53.30	4,208.8	307.8	274.0	0.76	-0.74	1.18	-10.9	-8.7	
4,339.0	7.67	58.81	4,303.0	314.7	284.4	0.80	0.23	5.80	-10.9	-11.6	
4,432.0	7.19	58.63	4,395.2	321.0	294.6	0.52	-0.52	-0.19	-9.8	-16.0	
4,526.0	7.50	48.87	4,488.4	328.1	304.3	1.37	0.33	-10.38	-5.1	-20.5	
4,620.0	8.02	47.30	4,581.6	336.5	313.7	0.60	0.55	-1.67	-3.5	-22.5	
4,714.0	7.60	49.91	4,674.7	345.0	323.3	0.58	-0.45	2.78	-3.5	-24.4	
4,808.0	7.29	42.28	4,767.9	353.4	332.1	1.10	-0.33	-8.12	1.5	-26.0	
4,902.0	6.92	46.56	4,861.2	361.7	340.2	0.69	-0.39	4.55	1.8	-27.1	
4,989.0	6.45	45.72	4,947.6	368.7	347.5	0.55	-0.54	-0.97	4.9	-28.4	



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5,095.0	5.52	44.16	5,053.0	376.5	355.3	0.89	-0.88	-1.47	10.3	-29.6	
5,190.0	7.47	42.94	5,147.4	384.3	362.7	2.06	2.05	-1.28	14.2	-30.1	
5,284.0	9.12	39.04	5,240.4	394.6	371.6	1.85	1.76	-4.15	16.6	-29.2	
5,378.0	9.76	33.22	5,333.1	407.1	380.6	1.22	0.68	-6.19	17.8	-26.5	
5,472.0	10.44	33.40	5,425.7	420.8	389.7	0.72	0.72	0.19	15.0	-24.9	
5,567.0	10.87	30.23	5,519.0	435.8	398.9	0.77	0.45	-3.34	12.6	-22.1	
5,661.0	11.08	29.17	5,611.3	451.3	407.8	0.31	0.22	-1.13	8.7	-19.4	
5,756.0	11.88	26.79	5,704.4	468.0	416.6	0.98	0.84	-2.51	4.2	-16.1	
5,850.0	12.96	26.34	5,796.2	486.1	425.7	1.15	1.15	-0.48	-2.5	-12.9	
5,945.0	11.98	33.40	5,889.0	503.9	435.8	1.91	-1.03	7.43	-10.6	-9.5	
6,040.0	10.79	35.07	5,982.1	519.4	446.4	1.30	-1.25	1.76	-15.7	-7.7	
6,133.0	9.98	38.15	6,073.6	532.8	456.4	1.06	-0.87	3.31	-19.1	-5.9	
6,321.0	9.25	33.61	6,259.0	558.2	474.8	0.56	-0.39	-2.41	-22.4	-5.5	
6,414.0	8.83	37.57	6,350.8	570.1	483.3	0.81	-0.45	4.26	-23.6	-2.8	
6,508.0	9.60	44.07	6,443.6	581.5	493.1	1.38	0.82	6.91	-24.9	-0.3	
6,602.0	11.24	43.82	6,536.0	593.7	504.9	1.75	1.74	-0.27	-28.1	-1.3	
6,695.0	11.50	42.10	6,627.2	607.1	517.4	0.46	0.28	-1.85	-32.7	-2.9	
6,788.0	10.40	40.33	6,718.5	620.4	529.1	1.24	-1.18	-1.90	-36.5	-4.2	
6,882.0	9.93	38.49	6,811.0	633.2	539.6	0.61	-0.50	-1.96	-39.1	-5.2	
6,976.0	9.91	38.61	6,903.6	645.9	549.7	0.03	-0.02	0.13	-41.4	-4.8	
7,071.0	8.06	38.11	6,997.5	657.5	558.9	1.95	-1.95	-0.53	-42.2	-4.7	
7,165.0	6.47	39.06	7,090.7	666.8	566.3	1.70	-1.69	1.01	-40.2	-3.6	
7,260.0	6.14	39.77	7,185.1	674.9	572.9	0.36	-0.35	0.75	-36.6	-3.0	
7,353.0	5.04	44.04	7,277.7	681.6	578.9	1.26	-1.18	4.59	-32.4	-0.8	
7,447.0	3.13	53.01	7,371.4	686.1	583.9	2.14	-2.03	9.54	-28.2	2.5	
7,541.0	2.30	50.45	7,465.3	688.9	587.4	0.89	-0.88	-2.72	-25.1	-0.3	
7,635.0	2.10	45.58	7,559.3	691.3	590.1	0.29	-0.21	-5.18	-23.9	-3.0	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #204H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3608.0usft
Site:	Heartthrob 17 State	MD Reference:	KB = 32' @ 3608.0usft
Well:	#204H	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)	
7,729.0	1.65	65.03	7,653.2	693.1	592.5	0.82	-0.48	20.69	-25.0	5.0	
7,824.0	1.31	70.32	7,748.2	694.0	594.8	0.39	-0.36	5.57	-26.8	7.4	
7,918.0	0.74	63.60	7,842.2	694.6	596.3	0.62	-0.61	-7.15	-29.2	4.1	
8,012.0	0.83	73.01	7,936.2	695.1	597.5	0.17	0.10	10.01	-29.4	8.9	
8,105.0	0.79	114.24	8,029.2	695.0	598.8	0.61	-0.04	44.33	-17.4	26.5	
8,199.0	0.78	154.43	8,123.2	694.2	599.6	0.57	-0.01	42.76	2.7	31.9	
8,293.0	1.61	166.74	8,217.1	692.3	600.2	0.92	0.88	13.10	7.5	30.7	
8,387.0	2.14	168.83	8,311.1	689.3	600.8	0.57	0.56	2.22	5.5	30.5	
8,481.0	2.20	173.59	8,405.0	685.8	601.4	0.20	0.06	5.06	4.5	30.1	
8,576.0	2.09	171.26	8,499.9	682.3	601.8	0.15	-0.12	-2.45	-0.3	30.2	
8,670.0	2.66	175.35	8,593.9	678.4	602.3	0.63	0.61	4.35	-2.0	30.2	
8,764.0	2.37	196.61	8,687.8	674.4	601.9	1.03	-0.31	22.62	5.1	29.7	
8,858.0	2.58	212.85	8,781.7	670.8	600.2	0.78	0.22	17.28	9.2	27.6	
8,952.0	2.45	221.60	8,875.6	667.5	597.7	0.43	-0.14	9.31	9.2	26.2	
9,045.0	2.67	221.67	8,968.5	664.4	595.0	0.24	0.24	0.08	5.1	26.2	
9,138.0	2.48	223.98	9,061.4	661.3	592.1	0.23	-0.20	2.48	2.0	26.1	
9,204.0	2.25	223.97	9,127.4	659.3	590.2	0.35	-0.35	-0.02	-0.8	26.1	
9,242.0	2.12	231.41	9,165.3	658.4	589.2	0.82	-0.34	19.58	1.2	26.1	
9,270.0	4.00	206.62	9,193.3	657.2	588.3	8.06	6.71	-88.55	-11.3	23.9	
KOP, MD:9270.0', TVD:9193.3',N/S:657.2', E/W:588.3', INC:4.00											
9,336.0	9.13	193.31	9,258.8	650.0	586.1	8.06	7.77	-20.16	-23.9	20.3	
9,424.1	21.07	179.78	9,343.8	627.3	584.5	14.05	13.56	-15.35	-45.5	12.2	
HL Crossing, MD:9424.1', TVD:9343.8',N/S:627.3', E/W:584.5', INC:21.07											
9,430.0	21.89	179.40	9,349.3	625.1	584.5	14.05	13.84	-6.52	-46.9	11.8	
9,523.0	32.99	171.80	9,431.7	582.6	588.4	12.49	11.94	-8.17	-70.1	4.4	
9,617.0	37.35	172.70	9,508.5	528.9	595.6	4.67	4.64	0.96	-88.2	7.6	
9,712.0	44.75	178.88	9,580.1	466.8	600.0	8.88	7.79	6.51	-97.1	14.6	



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #204H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3608.0usft
Site:	Heartthrob 17 State	MD Reference:	KB = 32' @ 3608.0usft
Well:	#204H	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)
9,806.0	49.11	180.00	9,644.3	398.2	600.6	4.72	4.64	1.19	-98.0	9.6
9,900.0	57.37	177.97	9,700.5	322.9	602.0	8.96	8.79	-2.16	-91.0	1.3
9,994.0	65.39	178.67	9,745.5	240.5	604.4	8.56	8.53	0.74	-78.9	-4.1
10,088.0	69.73	176.12	9,781.4	153.8	608.4	5.25	4.62	-2.71	-59.3	-9.2
10,182.0	71.84	173.81	9,812.3	65.4	616.2	3.23	2.24	-2.46	-30.3	-8.8
10,276.0	77.73	172.28	9,837.0	-24.6	627.2	6.46	6.27	-1.63	-5.2	0.0
10,370.0	85.90	171.90	9,850.4	-116.7	640.0	8.70	8.69	-0.40	8.7	12.2
10,464.0	88.56	176.34	9,854.9	-210.1	649.6	5.50	2.83	4.72	13.9	21.1
10,558.0	89.43	177.06	9,856.5	-303.9	655.0	1.20	0.93	0.77	16.1	25.8
10,652.0	89.29	177.42	9,857.6	-397.8	659.5	0.41	-0.15	0.38	17.7	29.7
10,746.0	90.17	179.16	9,858.0	-491.7	662.3	2.07	0.94	1.85	18.8	31.8
10,840.0	89.36	179.92	9,858.4	-585.7	663.1	1.18	-0.86	0.81	19.7	31.9
10,935.0	89.03	179.47	9,859.8	-680.7	663.6	0.59	-0.35	-0.47	21.6	31.8
11,028.0	88.22	179.25	9,862.0	-773.7	664.6	0.90	-0.87	-0.24	23.5	32.1
11,122.0	88.76	180.77	9,864.5	-867.7	664.6	1.72	0.57	1.62	23.9	31.4
11,216.0	88.73	181.34	9,866.5	-961.6	662.9	0.61	-0.03	0.61	24.0	29.0
11,310.0	89.33	181.65	9,868.1	-1,055.6	660.4	0.72	0.64	0.33	23.5	25.9
11,404.0	89.73	181.66	9,868.9	-1,149.5	657.7	0.43	0.43	0.01	22.2	22.5
11,499.0	89.16	181.06	9,869.8	-1,244.5	655.5	0.87	-0.60	-0.63	21.1	19.5
11,594.0	89.16	181.12	9,871.2	-1,339.5	653.6	0.06	0.00	0.06	20.4	17.1
11,687.0	90.27	180.61	9,871.7	-1,432.5	652.2	1.31	1.19	-0.55	18.8	15.0
11,781.0	91.31	180.53	9,870.4	-1,526.4	651.3	1.11	1.11	-0.09	15.5	13.4
11,875.0	90.00	181.02	9,869.3	-1,620.4	650.0	1.49	-1.39	0.52	12.4	11.4
11,969.0	90.34	182.59	9,869.0	-1,714.4	647.1	1.71	0.36	1.67	10.0	7.8
12,062.0	89.36	182.89	9,869.3	-1,807.3	642.6	1.10	-1.05	0.32	8.2	2.7
12,156.0	87.25	182.10	9,872.0	-1,901.1	638.5	2.40	-2.24	-0.84	9.0	-2.1
12,249.0	86.28	181.68	9,877.3	-1,993.9	635.5	1.14	-1.04	-0.45	12.2	-5.8



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #204H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3608.0usft
Site:	Heartthrob 17 State	MD Reference:	KB = 32' @ 3608.0usft
Well:	#204H	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)
12,343.0	86.84	181.75	9,882.9	-2,087.7	632.7	0.60	0.60	0.07	15.8	-9.3
12,438.0	87.52	181.12	9,887.6	-2,182.6	630.3	0.98	0.72	-0.66	18.6	-12.4
12,531.0	88.56	181.01	9,890.8	-2,275.5	628.6	1.12	1.12	-0.12	20.2	-14.8
12,625.0	89.46	181.09	9,892.4	-2,369.5	626.8	0.96	0.96	0.09	20.2	-17.2
12,720.0	89.83	180.83	9,893.0	-2,464.5	625.3	0.48	0.39	-0.27	19.1	-19.5
12,814.0	90.10	180.80	9,893.1	-2,558.4	623.9	0.29	0.29	-0.03	17.6	-21.5
12,908.0	88.62	179.37	9,894.1	-2,652.4	623.8	2.19	-1.57	-1.52	17.0	-22.3
13,002.0	85.16	176.53	9,899.2	-2,746.2	627.1	4.76	-3.68	-3.02	20.5	-19.6
13,096.0	85.20	176.53	9,907.1	-2,839.7	632.8	0.04	0.04	0.00	26.8	-14.6
13,189.0	88.09	176.69	9,912.5	-2,932.4	638.3	3.11	3.11	0.17	30.6	-9.8
13,284.0	91.07	177.52	9,913.2	-3,027.2	643.1	3.26	3.14	0.87	29.7	-5.7
13,378.0	91.34	178.33	9,911.3	-3,121.2	646.5	0.91	0.29	0.86	26.1	-3.0
13,472.0	91.01	177.86	9,909.3	-3,215.1	649.6	0.61	-0.35	-0.50	22.5	-0.5
13,565.0	91.71	177.99	9,907.1	-3,308.0	653.0	0.77	0.75	0.14	18.7	2.2
13,659.0	92.15	177.70	9,904.0	-3,401.9	656.5	0.56	0.47	-0.31	13.9	5.0
13,753.0	90.87	179.21	9,901.5	-3,495.8	659.0	2.11	-1.36	1.61	9.8	6.9
13,846.0	88.52	179.74	9,902.0	-3,588.8	659.9	2.59	-2.53	0.57	8.7	7.1
13,940.0	88.66	179.17	9,904.3	-3,682.8	660.8	0.62	0.15	-0.61	9.4	7.3
14,035.0	88.02	178.69	9,907.0	-3,777.7	662.6	0.84	-0.67	-0.51	10.5	8.4
14,128.0	87.55	178.96	9,910.6	-3,870.6	664.5	0.58	-0.51	0.29	12.5	9.6
14,221.0	86.98	178.78	9,915.1	-3,963.5	666.3	0.64	-0.61	-0.19	15.3	10.8
14,314.0	86.21	178.91	9,920.6	-4,056.3	668.2	0.84	-0.83	0.14	19.2	12.0
14,407.0	86.14	178.53	9,926.8	-4,149.1	670.2	0.41	-0.08	-0.41	23.8	13.4
14,454.0	86.17	178.42	9,930.0	-4,195.9	671.5	0.24	0.06	-0.23	26.2	14.3
Final MWD Survey (MD=14454.0')										
14,522.0	86.17	178.42	9,934.5	-4,263.8	673.4	0.00	0.00	0.00	29.5	15.7
Final Projection to Bit (MD=14522.0')										



EOG Resources

Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #204H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 32' @ 3608.0usft
Site:	Heartthrob 17 State	MD Reference:	KB = 32' @ 3608.0usft
Well:	#204H	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		Comment
		+N/-S (usft)	+E/-W (usft)	
9,270.0	9,193.3	657.2	588.3	KOP, MD:9270.0', TVD:9193.3', N/S:657.2', E/W:588.3', INC:4.00
9,424.1	9,343.8	627.3	584.5	HL Crossing, MD:9424.1', TVD:9343.8', N/S:627.3', E/W:584.5', INC:21.07
14,454.0	9,930.0	-4,195.9	671.5	Final MWD Survey (MD=14454.0')
14,522.0	9,934.5	-4,263.8	673.4	Final Projection to Bit (MD=14522.0')

Checked By: _____ Approved By: _____ Date: _____

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

KRISTINA AGEE

8/9/2021

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. 30-025-47140	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name HEARTTHROB 17 STATE	
8. Well Number	204H
9. OGRID Number	7377
10. Pool name or Wildcat TRIPLE X; BONE SPRING, WEST	
4. Well Location Unit Letter C : 725' 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.) 3576'	

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.

03/21/2021 Rig released
 03/29/2021 Test void to 5000 psi, seals & flanges to 8500 psi
 06/13/2021 Begin perf & frac
 06/25/2021 Finish 23 stages perf & frac, 10,240'-14,499' 1227 3 1/8" shots 10,596,008 lbs proppant + 212,308 bbls load fluid
 07/13/2021 Drilled out plugs and clean out wellbore
 07/19/2021 Opened well to flowback - Date of First Production

Spud Date:

01/25/2021

Rig Release Date:

03/21/2021

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					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-47140		
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 HEARTTHROB 17 STATE								6. Well Number: 204H		
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:	C	17	24S	33E		725'	NORTH	1354'	WEST	LEA
BH:	N	17	24S	33E		286'	SOUTH	1995'	WEST	LEA
13. Date Spudded 1/25/2021	14. Date T.D. Reached 3/20/2021		15. Date Rig Released 3/21/2021		16. Date Completed (Ready to Produce) 7/19/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3576'GL		
18. Total Measured Depth of Well MD 14,522' TVD 9,934'			19. Plug Back Measured Depth MD 14,499' TVD 9,934'		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 - 10,240'-14,499'										
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		1,348'		16"		885 CL C/CIRC		
9 5/8"		29.7# ICP 110		5,047'		12 1/4"		1,630 C/CIRC		
5 1/2"		20# HCP 110		14,507'		7 7/8"		1660 CL C/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) 10,240'-14,499' 3 1/8", 1386 Holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,240'-14,499'		FRAC W/10,596,008 Lbs proppant, 212,308 bbls load fld		
28. PRODUCTION										
Date First Production 7/19/2021		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 74	Prod'n For Test Period	Oil - Bbl 1112	Gas - MCF 1816	Water - Bbl. 2965	Gas - Oil Ratio 1634			
Flow Tubing Press.	Casing Pressure 317	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	1220'	T. Canyon Brushy 7,532'	T. Ojo Alamo	T. Penn A"		
T. Salt		1560'	T. Strawn	T. Kirtland	T. Penn. "B"		
B. Salt		4909'	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 9,051'	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 52741

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52741
	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.

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

CONDITIONS

Action 52741

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52741
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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