

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 8/26/2021	
⁴ API Number 30 - 025-47870	⁵ Pool Name RED HILLS; BONE SPRING, NORTH		⁶ Pool Code 96434
⁷ Property Code 329751	⁸ Property Name JUPITER 19 FEDERAL COM		⁹ Well Number 502H

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	19	24S	34E		754'	NORTH	804'	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	24S	34E		2522'	NORTH	1545'	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 2/23/2021	²² Ready Date 08/26/2021	²³ TD 18,604	²⁴ PBTD 18,581	²⁵ Perforations 11,171 - 18,581'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1380'	725 SXS CL C/750' CALC		
12 1/4"	9 5/8"	5193'	1440 SXS CL C/3950' CALC		
8 1/2"	5 1/2"	18,589'	2220 SXS CL C TOC 4060' CBL		

V. Well Test Data

³¹ Date New Oil 08/26/2021	³² Gas Delivery Date 08/26/2021	³³ Test Date 09/04/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 790
³⁷ Choke Size 128	³⁸ Oil 4009	³⁹ Water 7658	⁴⁰ Gas 5353		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox			OIL CONSERVATION DIVISION		
Printed name: Kay Maddox			Approved by: PATRICIA MARTINEZ		
Title: SENIOR REGULATORY SPECIALIST			Title: PETROLEUM SPECIALIST		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 10/29/2021		
Date: 09/08/2021		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 30-025-47870		² Pool Code 96434	³ Pool Name RED HILL; BONE SPRING, NORTH
⁴ Property Code 329751	⁵ Property Name JUPITER 19 FED COM		⁶ Well Number 502H
⁷ OGRID No. 07377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3567'

¹⁰Surface Location

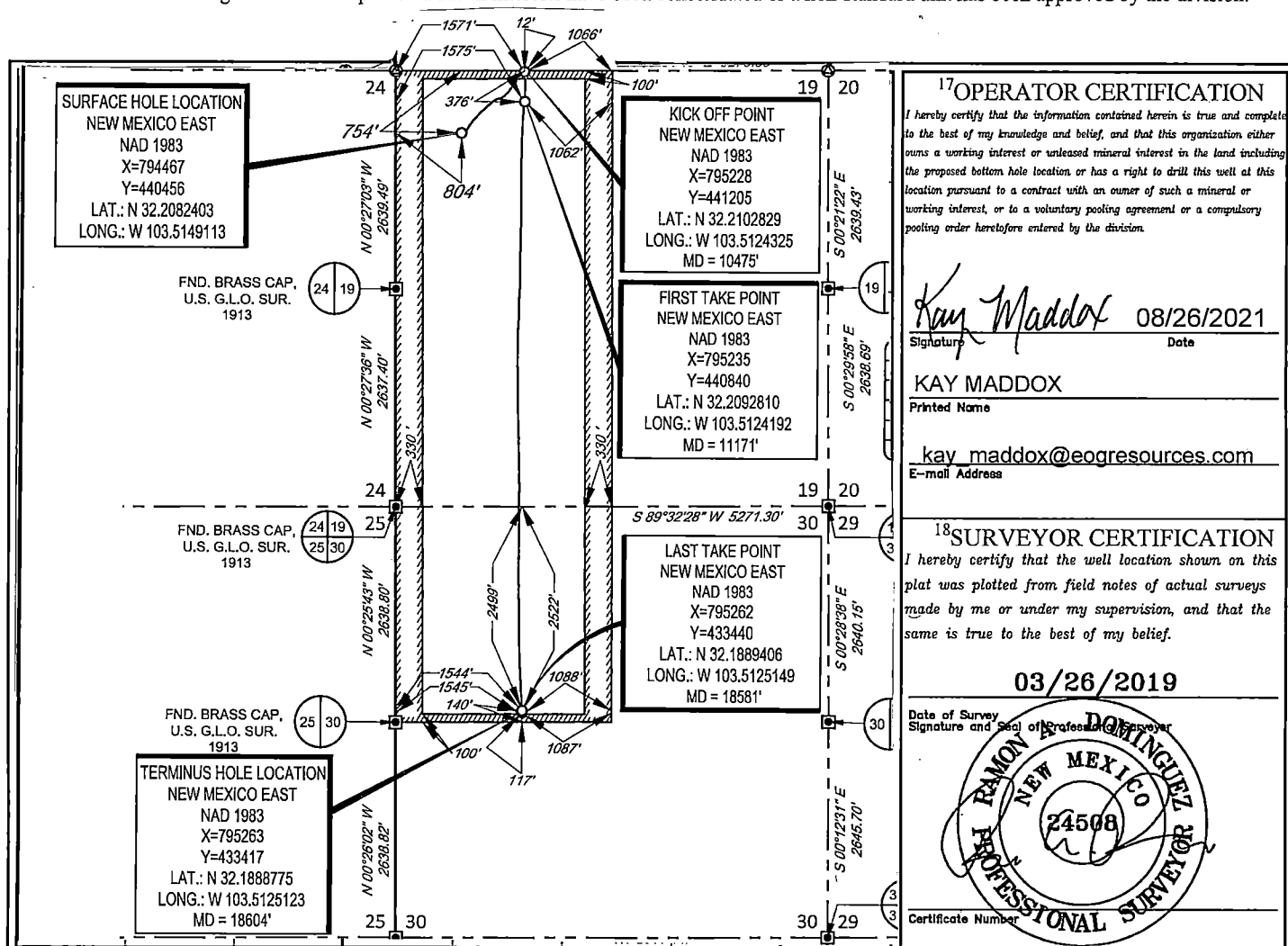
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	19	24-S	34-E	-	754'	NORTH	804'	WEST	LEA

¹¹Bottom Hole Location If Different From Surface

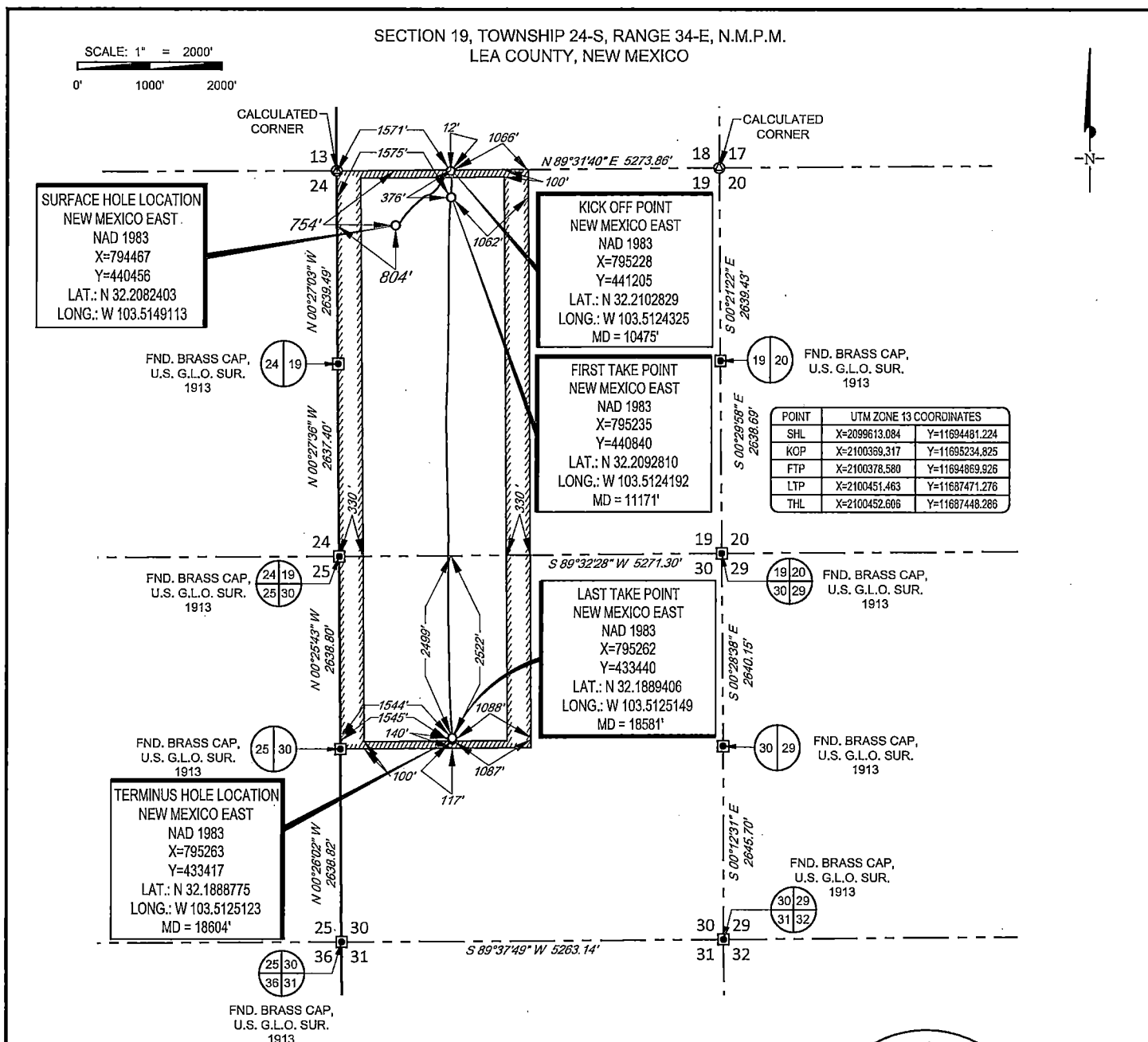
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	24-S	34-E	-	2522'	NORTH	1545'	WEST	LEA

¹² Dedicated Acres 478.26	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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



S:\SURVEY\EOG_MIDLAND\JUPITER_19_FED_COM\FINAL_PRODUCTS\SILO_JUPITER_19_FED_COM_502H_C-102_REV2.DWG 2/1/2021 9:49:10 AM bgregory

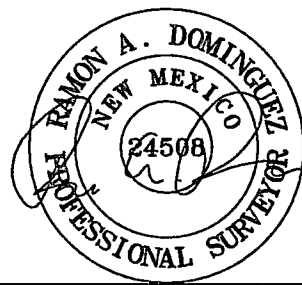


LEASE NAME & WELL NO.: JUPITER 19 FED COM 502H
SECTION 19 TWP 24-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3567'
DESCRIPTION 754' FNL & 804' FWL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1853 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Ramon A. Dominguez, P.S. No. 24508
JULY 14, 2021

JUPITER 19 FED COM 502H AS-COMplete DATE: 07/14/2021 FILE: AD_JUPITER_19_FED_COM_502H 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. 4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.

Z:\SURVEY\EOG_MIDLAND\JUPITER_19_FED_COM\FINAL_PRODUCTS\AD_JUPITER_19_FED_COM_502H.DWG 7/15/2021 8:43:24 AM eecho



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Jupiter 19 Fed Com

#502H

OH

Design: OH

Midland PVA

30 March, 2021



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3593.0usft
Site:	Jupiter 19 Fed Com	MD Reference:	KB = 26' @ 3593.0usft
Well:	#502H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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

Site	Jupiter 19 Fed Com		
Site Position:		Northing:	440,554.00 usft
From:	Map	Easting:	794,402.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 12' 30.644 N
		Longitude:	103° 30' 54.431 W
		Grid Convergence:	0.44 °

Well		#502H				
Well Position	+N/-S	0.0 usft	Northing:	440,456.00 usft	Latitude:	32° 12' 29.669 N
	+E/-W	0.0 usft	Easting:	794,467.00 usft	Longitude:	103° 30' 53.683 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,567.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/30/2021	6.54	59.90	47,511.14059522

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	173.76	

Survey Program	Date	3/30/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
111.0	18,604.0	Scientific MWD (OH)	EOG MWD+IFR1	MWD + IFR1	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3593.0usft
Site:	Jupiter 19 Fed Com	MD Reference:	KB = 26' @ 3593.0usft
Well:	#502H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
111.0	1.18	27.16	111.0	1.0	0.5	1.06	1.06	0.00	-1.1	0.0	
203.0	1.08	220.18	203.0	1.2	0.4	2.44	-0.11	-181.50	1.2	-0.5	
388.0	0.97	180.03	388.0	-1.7	-0.7	0.38	-0.06	-21.70	-1.7	-0.7	
572.0	1.28	179.12	571.9	-5.3	-0.7	0.17	0.17	-0.49	-5.3	-0.8	
733.0	1.04	147.24	732.9	-8.3	0.1	0.42	-0.15	-19.80	-7.1	-4.4	
922.0	1.57	122.32	921.8	-11.2	3.2	0.40	0.28	-13.19	-8.7	-7.7	
1,111.0	1.09	120.06	1,110.8	-13.5	7.0	0.26	-0.25	-1.20	-12.8	-8.1	
1,236.0	1.37	126.77	1,235.8	-14.9	9.2	0.25	0.22	5.37	-16.3	-6.5	
1,324.0	1.55	139.67	1,323.7	-16.5	10.8	0.42	0.20	14.66	-19.6	-2.4	
1,455.0	1.47	136.43	1,454.7	-19.0	13.1	0.09	-0.06	-2.47	-22.8	-3.6	
1,549.0	1.51	84.17	1,548.7	-19.8	15.2	1.40	0.04	-55.60	-12.8	-21.5	
1,644.0	2.68	58.11	1,643.6	-18.5	18.3	1.56	1.23	-27.43	-2.3	-26.2	
1,738.0	3.96	46.21	1,737.4	-15.1	22.5	1.54	1.36	-12.66	4.0	-26.7	
1,928.0	8.12	37.78	1,926.3	0.1	35.5	2.23	2.19	-4.44	9.7	-24.0	
2,117.0	10.24	40.42	2,112.9	23.4	54.6	1.14	1.12	1.40	10.9	-21.2	
2,306.0	11.47	31.53	2,298.5	52.2	75.3	1.10	0.65	-4.70	11.4	-14.0	
2,495.0	11.20	31.17	2,483.9	83.9	94.6	0.15	-0.14	-0.19	7.1	-5.9	
2,589.0	12.08	33.69	2,575.9	99.9	104.8	1.08	0.94	2.68	4.3	-2.5	
2,779.0	12.82	36.80	2,761.5	133.4	128.4	0.53	0.39	1.64	-3.2	3.2	
2,967.0	13.60	43.27	2,944.5	166.2	156.1	0.89	0.41	3.44	-12.3	6.9	
3,156.0	13.64	41.67	3,128.2	199.0	186.1	0.20	0.02	-0.85	-23.5	7.9	
3,346.0	12.57	45.88	3,313.2	230.1	215.9	0.75	-0.56	2.22	-32.1	10.8	
3,535.0	12.43	46.06	3,497.7	258.5	245.3	0.08	-0.07	0.10	-39.3	10.3	
3,724.0	12.29	46.94	3,682.4	286.4	274.6	0.12	-0.07	0.47	-46.0	10.1	
3,913.0	12.14	47.72	3,867.1	313.5	304.0	0.12	-0.08	0.41	-52.2	9.4	
4,102.0	10.67	48.04	4,052.4	338.6	331.7	0.78	-0.78	0.17	-55.8	8.0	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3593.0usft
Site:	Jupiter 19 Fed Com	MD Reference:	KB = 26' @ 3593.0usft
Well:	#502H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
4,292.0	9.02	49.10	4,239.5	360.1	356.1	0.87	-0.87	0.56	-54.3	7.0
4,481.0	9.36	48.53	4,426.1	380.0	378.8	0.19	0.18	-0.30	-50.7	4.2
4,671.0	9.43	61.30	4,613.6	397.7	404.0	1.10	0.04	6.72	-46.6	9.1
4,860.0	8.24	69.55	4,800.4	409.8	430.3	0.92	-0.63	4.37	-42.8	3.8
5,049.0	8.02	75.84	4,987.5	417.8	455.8	0.48	-0.12	3.33	-39.6	-7.4
5,138.0	8.08	77.60	5,075.6	420.7	467.9	0.29	0.07	1.98	-38.8	-14.5
5,334.0	8.80	60.23	5,269.5	431.1	494.4	1.35	0.37	-8.86	-27.0	-38.6
5,523.0	12.25	46.15	5,455.3	452.1	521.4	2.26	1.83	-7.45	-17.3	-48.2
5,712.0	12.83	45.14	5,639.8	480.8	550.7	0.33	0.31	-0.53	-23.8	-48.9
5,901.0	12.23	39.73	5,824.3	511.0	578.4	0.70	-0.32	-2.86	-26.6	-49.7
6,090.0	12.46	34.02	6,008.9	543.3	602.6	0.66	0.12	-3.02	-28.9	-47.6
6,278.0	11.50	32.22	6,192.8	576.0	624.0	0.55	-0.51	-0.96	-33.7	-41.7
6,467.0	10.83	32.00	6,378.3	607.0	643.4	0.36	-0.35	-0.12	-37.3	-34.2
6,655.0	10.98	30.53	6,562.9	637.4	661.9	0.17	0.08	-0.78	-39.4	-27.2
6,844.0	10.95	27.49	6,748.4	668.8	679.3	0.31	-0.02	-1.61	-41.7	-20.0
7,032.0	8.12	43.72	6,933.8	694.3	696.7	2.06	-1.51	8.63	-42.4	-2.0
7,222.0	4.47	58.83	7,122.7	707.8	712.3	2.09	-1.92	7.95	-30.2	4.8
7,411.0	2.42	58.60	7,311.3	713.7	722.0	1.08	-1.08	-0.12	-20.6	-0.4
7,599.0	0.95	307.23	7,499.3	716.7	724.2	1.54	-0.78	-59.24	6.5	-13.7
7,789.0	0.69	272.10	7,689.3	717.7	721.8	0.29	-0.14	-18.49	10.5	-8.1
7,978.0	0.35	25.40	7,878.2	718.3	720.9	0.47	-0.18	59.95	-11.7	-5.4
8,168.0	0.38	162.43	8,068.2	718.2	721.3	0.36	0.02	72.12	4.7	12.3
8,357.0	0.67	159.90	8,257.2	716.5	721.9	0.15	0.15	-1.34	2.4	12.5
8,546.0	0.84	142.85	8,446.2	714.4	723.1	0.15	0.09	-9.02	-3.8	12.3
8,735.0	0.93	83.70	8,635.2	713.5	725.5	0.46	0.05	-31.30	-14.8	1.9
8,924.0	1.55	53.28	8,824.2	715.2	729.1	0.47	0.33	-16.10	-17.6	-6.7
9,113.0	1.55	44.14	9,013.1	718.5	732.9	0.13	0.00	-4.84	-21.4	-9.8



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3593.0usft
Site:	Jupiter 19 Fed Com	MD Reference:	KB = 26' @ 3593.0usft
Well:	#502H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,302.0	1.83	53.30	9,202.0	722.2	737.1	0.21	0.15	4.85	-28.2	-5.8
9,491.0	2.05	55.83	9,390.9	725.9	742.3	0.12	0.12	1.34	-34.8	-4.5
9,679.0	1.79	65.26	9,578.8	729.0	747.8	0.22	-0.14	5.02	-41.3	1.9
9,868.0	0.62	0.24	9,767.8	731.2	750.4	0.86	-0.62	-34.40	-21.4	-39.4
10,057.0	1.68	10.19	9,956.7	735.0	750.9	0.57	0.56	5.26	-31.7	-34.9
10,246.0	2.30	45.21	10,145.6	740.4	754.1	0.71	0.33	18.53	-52.0	-8.8
10,411.0	3.28	30.29	10,310.4	746.8	758.8	0.73	0.59	-9.04	-55.9	-22.8
10,440.0	3.23	35.67	10,339.4	748.2	759.7	1.07	-0.17	18.55	-59.4	-17.4
10,475.0	2.22	92.91	10,374.3	748.9	761.0	7.87	-2.88	163.53	-47.9	41.5
KOP, MD:10475.0', TVD:10374.3', N/S:748.9', E/W:761.0', INC:2.22										
10,534.0	5.48	149.60	10,433.2	746.5	763.6	7.87	5.52	96.09	6.5	64.6
10,629.0	15.16	164.02	10,526.6	730.6	769.3	10.47	10.19	15.18	19.7	65.8
10,723.0	24.91	173.56	10,614.8	699.0	774.9	10.91	10.37	10.15	26.3	66.6
10,805.8	31.03	179.40	10,687.9	660.3	777.1	8.09	7.39	7.05	29.5	65.8
FTP Crossing, MD:10805.8', TVD:10687.9', N/S:660.3', E/W:777.1', INC:31.03										
10,818.0	31.95	180.08	10,698.3	653.9	777.1	8.09	7.54	5.61	30.0	65.5
10,912.0	41.07	181.17	10,773.8	598.0	776.5	9.73	9.70	1.16	29.2	64.0
11,007.0	51.50	180.69	10,839.3	529.5	775.4	10.98	10.98	-0.51	25.6	62.7
11,101.0	62.90	183.16	10,890.2	450.7	772.6	12.33	12.13	2.63	20.6	59.0
11,196.0	75.12	184.93	10,924.2	362.4	766.3	12.98	12.86	1.86	9.7	52.4
11,290.0	83.34	184.13	10,941.7	270.4	759.0	8.78	8.74	-0.85	-3.1	44.7
11,384.0	85.63	184.13	10,950.7	177.1	752.3	2.44	2.44	0.00	-8.6	37.2
11,478.0	86.60	183.46	10,957.1	83.5	746.1	1.25	1.03	-0.71	-5.4	30.3
11,572.0	87.99	181.96	10,961.5	-10.3	741.6	2.17	1.48	-1.60	-3.5	25.1
11,666.0	89.23	180.99	10,963.8	-104.2	739.2	1.67	1.32	-1.03	-3.8	21.9
11,760.0	89.83	180.36	10,964.6	-198.2	738.1	0.93	0.64	-0.67	-5.5	20.1
11,855.0	90.50	179.90	10,964.3	-293.2	737.9	0.86	0.71	-0.48	-8.3	19.1



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3593.0usft
Site:	Jupiter 19 Fed Com	MD Reference:	KB = 26' @ 3593.0usft
Well:	#502H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
11,948.0	87.55	181.82	10,965.9	-386.2	736.5	3.78	-3.17	2.06	-9.2	17.0	
12,042.0	87.31	180.51	10,970.1	-480.1	734.6	1.42	-0.26	-1.39	-7.5	14.4	
12,136.0	88.05	179.60	10,973.9	-574.0	734.5	1.25	0.79	-0.97	-6.2	13.6	
12,230.0	88.62	179.14	10,976.7	-667.9	735.5	0.78	0.61	-0.49	-6.0	13.9	
12,324.0	89.03	178.49	10,978.6	-761.9	737.5	0.82	0.44	-0.69	-6.5	15.1	
12,418.0	89.77	178.52	10,979.6	-855.9	739.9	0.79	0.79	0.03	-8.1	16.8	
12,512.0	89.60	180.22	10,980.1	-949.9	741.0	1.82	-0.18	1.81	-10.0	17.1	
12,606.0	89.56	180.10	10,980.8	-1,043.8	740.7	0.13	-0.04	-0.13	-11.8	16.1	
12,700.0	87.28	181.34	10,983.4	-1,137.8	739.5	2.76	-2.43	1.32	-11.7	14.3	
12,795.0	86.74	180.99	10,988.3	-1,232.6	737.6	0.68	-0.57	-0.37	-9.3	11.6	
12,888.0	86.98	180.84	10,993.4	-1,325.5	736.1	0.30	0.26	-0.16	-6.7	9.4	
12,983.0	87.25	180.88	10,998.2	-1,420.4	734.7	0.29	0.28	0.04	-4.5	7.2	
13,076.0	87.15	180.35	11,002.7	-1,513.2	733.7	0.58	-0.11	-0.57	-2.4	5.5	
13,170.0	87.65	180.53	11,007.0	-1,607.1	733.0	0.57	0.53	0.19	-0.6	4.1	
13,264.0	88.08	180.71	11,010.5	-1,701.1	732.0	0.50	0.46	0.19	0.4	2.3	
13,359.0	88.12	181.29	11,013.7	-1,796.0	730.3	0.61	0.04	0.61	1.0	-0.1	
13,453.0	88.22	181.61	11,016.7	-1,889.9	727.9	0.36	0.11	0.34	1.5	-3.2	
13,547.0	88.36	181.54	11,019.5	-1,983.9	725.3	0.17	0.15	-0.07	1.8	-6.5	
13,641.0	88.62	181.21	11,021.9	-2,077.8	723.1	0.45	0.28	-0.35	1.8	-9.5	
13,735.0	87.79	181.22	11,024.9	-2,171.7	721.1	0.88	-0.88	0.01	2.2	-12.2	
13,830.0	87.92	181.54	11,028.4	-2,266.6	718.8	0.36	0.14	0.34	3.2	-15.2	
13,924.0	88.56	181.68	11,031.3	-2,360.5	716.2	0.70	0.68	0.15	3.6	-18.6	
14,018.0	88.86	181.76	11,033.4	-2,454.5	713.4	0.33	0.32	0.09	3.2	-22.1	
14,112.0	89.26	181.78	11,035.0	-2,548.4	710.4	0.43	0.43	0.02	2.3	-25.8	
14,206.0	88.59	179.54	11,036.7	-2,642.4	709.4	2.49	-0.71	-2.38	1.5	-27.6	
14,301.0	88.39	179.58	11,039.3	-2,737.4	710.1	0.21	-0.21	0.04	1.5	-27.6	
14,395.0	88.06	179.41	11,042.2	-2,831.3	710.9	0.39	-0.35	-0.18	1.9	-27.5	



EOG Resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #502H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3593.0usft
Site:	Jupiter 19 Fed Com	MD Reference:	KB = 26' @ 3593.0usft
Well:	#502H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,490.0	88.25	178.91	11,045.2	-2,926.3	712.3	0.56	0.20	-0.53	2.5	-26.8
14,584.0	87.69	179.00	11,048.6	-3,020.2	714.0	0.60	-0.60	0.10	3.3	-25.8
14,679.0	87.08	178.97	11,052.9	-3,115.1	715.7	0.64	-0.64	-0.03	5.1	-24.9
14,773.0	88.53	179.34	11,056.5	-3,209.0	717.1	1.59	1.54	0.39	6.2	-24.2
14,867.0	88.15	178.69	11,059.2	-3,302.9	718.7	0.80	-0.40	-0.69	6.4	-23.3
14,961.0	89.10	178.03	11,061.5	-3,396.9	721.4	1.23	1.01	-0.70	6.2	-21.4
15,055.0	89.09	178.30	11,062.9	-3,490.8	724.4	0.29	-0.01	0.29	5.1	-19.1
15,149.0	88.52	178.05	11,064.9	-3,584.7	727.4	0.66	-0.61	-0.27	4.6	-16.8
15,243.0	88.02	178.23	11,067.7	-3,678.6	730.5	0.57	-0.53	0.19	4.9	-14.5
15,337.0	86.51	178.23	11,072.2	-3,772.5	733.4	1.61	-1.61	0.00	6.9	-12.3
15,431.0	88.52	178.66	11,076.3	-3,866.4	735.9	2.19	2.14	0.46	9.1	-10.5
15,525.0	89.06	179.00	11,078.3	-3,960.3	737.8	0.68	0.57	0.36	9.2	-9.3
15,620.0	88.49	179.01	11,080.3	-4,055.3	739.5	0.60	-0.60	0.01	9.3	-8.4
15,714.0	87.62	178.85	11,083.5	-4,149.2	741.2	0.94	-0.93	-0.17	10.7	-7.4
15,808.0	89.19	180.05	11,086.1	-4,243.2	742.1	2.10	1.67	1.28	11.4	-7.2
15,902.0	88.56	180.57	11,088.0	-4,337.1	741.6	0.87	-0.67	0.55	11.3	-8.4
15,996.0	90.50	180.18	11,088.7	-4,431.1	741.0	2.11	2.06	-0.41	10.2	-9.8
16,090.0	90.57	180.85	11,087.9	-4,525.1	740.2	0.72	0.07	0.71	7.5	-11.3
16,184.0	90.23	180.38	11,087.2	-4,619.1	739.1	0.62	-0.36	-0.50	4.9	-13.1
16,278.0	89.60	180.13	11,087.4	-4,713.1	738.7	0.72	-0.67	-0.27	3.2	-14.2
16,372.0	89.23	180.47	11,088.3	-4,807.1	738.2	0.53	-0.39	0.36	2.3	-15.4
16,467.0	89.19	179.87	11,089.6	-4,902.1	738.0	0.63	-0.04	-0.63	1.7	-16.5
16,561.0	88.69	178.56	11,091.4	-4,996.1	739.2	1.49	-0.53	-1.39	1.5	-15.9
16,655.0	88.39	179.96	11,093.8	-5,090.0	740.5	1.52	-0.32	1.49	2.0	-15.4
16,749.0	87.69	179.74	11,097.0	-5,184.0	740.7	0.78	-0.74	-0.23	3.4	-15.9
16,843.0	87.55	180.50	11,100.9	-5,277.9	740.5	0.82	-0.15	0.81	5.4	-16.8
16,937.0	87.62	178.62	11,104.8	-5,371.8	741.2	2.00	0.07	-2.00	7.5	-16.8



EOG Resources

Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Jupiter 19 Fed Com
Well: #502H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #502H
TVD Reference: KB = 26' @ 3593.0usft
MD Reference: KB = 26' @ 3593.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,031.0	88.52	179.58	11,108.0	-5,465.7	742.7	1.40	0.96	1.02	8.8	-16.1
17,125.0	89.40	179.27	11,109.7	-5,559.7	743.6	0.99	0.94	-0.33	8.6	-15.9
17,220.0	88.63	179.23	11,111.3	-5,654.7	744.9	0.81	-0.81	-0.04	8.3	-15.3
17,314.0	87.62	179.09	11,114.4	-5,748.6	746.3	1.08	-1.07	-0.15	9.5	-14.7
17,407.0	90.91	177.97	11,115.6	-5,841.6	748.7	3.74	3.54	-1.20	8.8	-13.0
17,501.0	91.04	177.91	11,114.0	-5,935.5	752.0	0.15	0.14	-0.06	5.3	-10.4
17,595.0	90.33	178.31	11,112.9	-6,029.4	755.1	0.87	-0.76	0.43	2.3	-8.0
17,690.0	89.29	178.82	11,113.2	-6,124.4	757.5	1.22	-1.09	0.54	0.8	-6.4
17,784.0	88.66	178.62	11,114.9	-6,218.4	759.6	0.70	-0.67	-0.21	0.6	-5.0
17,878.0	87.79	178.59	11,117.8	-6,312.3	761.9	0.93	-0.93	-0.03	1.3	-3.4
17,972.0	87.25	178.43	11,121.9	-6,406.2	764.3	0.60	-0.57	-0.17	3.0	-1.7
18,066.0	86.85	176.10	11,126.7	-6,499.9	768.8	2.51	-0.43	-2.48	5.5	2.0
18,160.0	88.90	176.62	11,130.2	-6,593.7	774.8	2.25	2.18	0.55	6.6	7.3
18,254.0	89.93	177.06	11,131.1	-6,687.5	780.0	1.19	1.10	0.47	5.2	11.7
18,348.0	88.79	177.29	11,132.2	-6,781.4	784.6	1.24	-1.21	0.24	3.9	15.6
18,443.0	87.82	177.56	11,135.0	-6,876.3	788.9	1.06	-1.02	0.28	4.3	19.2
Last MWD Survey (MD=18443.0')										
18,604.0	87.82	177.56	11,141.1	-7,037.0	795.7	0.00	0.00	0.00	6.3	24.8
Projection to Bit (MD=18604.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,475.0	10,374.3	748.9	761.0	KOP, MD:10475.0', TVD:10374.3', N/S:748.9', E/W:761.0', INC:2.22
10,805.8	10,687.9	660.3	777.1	FTP Crossing, MD:10805.8', TVD:10687.9', N/S:660.3', E/W:777.1', INC:31.03
18,443.0	11,135.0	-6,876.3	788.9	Last MWD Survey (MD=18443.0')
18,604.0	11,141.1	-7,037.0	795.7	Projection to Bit (MD=18604.0')



EOG Resources
Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Jupiter 19 Fed Com
Well: #502H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #502H
TVD Reference: KB = 26' @ 3593.0usft
MD Reference: KB = 26' @ 3593.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 09/07/2021

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

Well Name: JUPITER 19 FED COM	Well Location: T24S / R34E / SEC 19 / NWNW / 32.2082403 / -103.5149113	County or Parish/State: LEA / NM
Well Number: 502H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM017241, NMNM17241	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547870	Well Status: Drilling Well	Operator: EOG RESOURCES INCORPORATED

Notification

Sundry ID:	2632915	Type of Action:	First Production
Type of Submission:	Notification	Time Sundry Submitted:	11:00:41 AM
Date Sundry Submitted:	Sep 7, 2021		
First Production Date:	Aug 25, 2021		
US Well Number:	3002547870		
First Production Remarks:	Jupiter 19 Federal Com 502H		
	03/29/2021 RIG RELEASED		
	04/09/2021 MIRU TEST VOID TO 5000 PSI, SEALS AND FLANGES TO 8500 PSI		
	06/28/2021 BEGIN PERF AND FRAC		
	07/07/2021 FINISH 25 STAGES PERF & FRAC, 11,171 – 18,581’ W/ 3 1/8” 1500 SHOTS,		
	FRAC 18,532,470 LBS PROPPANT + 288,914 BBLS LOAD FLUID		
	07/11/2021 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE		
	08/26/2021 OPENED WELL TO FLOWBACK – DATE OF FIRST PRODUCTION		

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name JUPITER 19 FED COM		
								6. Well Number: 502H		
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 RED HILLS; BONE SPRING, NORTH			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	19	24S	34E		754	NORTH	804	WEST	LEA
BH:	F	30	24S	34E		2522	NORTH	1545	WEST	LEA
13. Date Spudded 02/23/2021	14. Date T.D. Reached 03/28/2021		15. Date Rig Released 03/29/2021			16. Date Completed (Ready to Produce) 08/26/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3567' GL		
18. Total Measured Depth of Well MD 18,604' TVD 11,141'			19. Plug Back Measured Depth MD 18,581' TVD 11,141'			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 11,171 - 18,581'										
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		1380'		17 1/2"		725 SXS CL C/CIRC		
9 5/8"		40# ECP 110		5193'		12 1/4"		1440 SXS CL C/3950 CALC		
5 1/2"		20# ECP 110		18,589'		8 1/2"		2220 SXS CL C TOC 4060' CBL		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 11,171 - 18,581' 3 1/8", 1500 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,171 - 18,581'		FRAC W/18,532,470 lbs proppant, 288,914 bbls load fld		
28. PRODUCTION										
Date First Production 08/26/2021		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 09/04/2021	Hours Tested 24	Choke Size 128	Prod'n For Test Period	Oil - Bbl 4009	Gas - MCF 5353	Water - Bbl. 7658	Gas - Oil Ratio 1335			
Flow Tubing Press.	Casing Pressure 790	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 43				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Signature Kay Maddox Name Kay Maddox Title Senior Regulatory Specialist Date 09/07/2021 E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy	Rustler	1244'	T. Canyon	Brushy	7546'	T. Ojo Alamo	T. Penn A "
T. Salt		1803'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4889'	T. Atoka			T. Fruitland	T. Penn. "C"
T. Yates			T. Miss			T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers			T. Devonian			T. Cliff House	T. Leadville
T. Queen			T. Silurian			T. Menefee	T. Madison
T. Grayburg			T. Montoya			T. Point Lookout	T. Elbert
T. San Andres			T. Simpson			T. Mancos	T. McCracken
T. Glorieta			T. McKee			T. Gallup	T. Ignacio Otzte
T. Paddock			T. Ellenburger			Base Greenhorn	T. Granite
T. Blinebry			T. Gr. Wash			T. Dakota	
T. Tubb			T. Delaware Sand			T. Morrison	
T. Drinkard			T. Bone Springs			T. Todilto	
T. Abo			T. 1st BS Sand	10,066'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,583'		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

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 47011

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 47011
	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 47011

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 47011
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	10/29/2021