

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

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 11/15/2020	
⁴ API Number 30 - 025-46391	⁵ Pool Name WC025 G08 S253235G; LOWER BONE SPRING		⁶ Pool Code 97903
⁷ Property Code 313191	⁸ Property Name GEM 36 STATE COM		⁹ Well Number 505H

II. ¹⁰ Surface Location

UL or lot no. C	Section 36	Township 25S	Range 32E	Lot Idn	Feet from the 248	North/South Line NORTH	Feet from the 1883	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

SL

UL or lot no. M	Section 36	Township 25S	Range 32E	Lot Idn	Feet from the 110	North/South line SOUTH	Feet from the 1221	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 10/20/2019	²² Ready Date 11/15/2020	²³ TD 15,774'	²⁴ PBTD 15,739'	²⁵ Perforations 11,115 - 15,739'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 1/2"		13 3/8"		895'	780 SXS CL C/CIRC
12 1/4"		9 5/8"		4780'	1355 SXS CL C/CIRC
8 1/2"		5 1/2"		15,774'	1760 SXS CL H TOC 2520' CBL

V. Well Test Data

³¹ Date New Oil 11/15/2020	³² Gas Delivery Date 11/15/2020	³³ Test Date 11/19/2020	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 692
³⁷ Choke Size 128	³⁸ Oil 2392	³⁹ Water 4555	⁴⁰ Gas 4510		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 Printed name: Kay Maddox Title: SENIOR REGULATORY SPECIALIST E-mail Address: kay_maddox@eogresources.com Date: 12/17/2020	Phone: 432-638-8475	OIL CONSERVATION DIVISION	
		Approved by: Patricia Martinez	
		Title: LM II	
		Approval Date: 2/3/2021	

☐ **AMENDED REPORT**

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EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Gem 36 State Com
#505H
OH

Design: OH

Midland PVA

06 November, 2019



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3424.0usft
Site:	Gem 36 State Com	MD Reference:	KB = 25 @ 3424.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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

Site: Gem 36 State Com					
Site Position:		Northing: 393,686.00 usft		Latitude: 32° 4' 49.331 N	
From:	Map	Easting: 759,213.00 usft		Longitude: 103° 37' 47.552 W	
Position Uncertainty: 0.0 usft		Slot Radius: 13-3/16 "		Grid Convergence: 0.37 °	

Well	#505H					
Well Position	+N/S	0.0 usft	Northing:	398,490.00 usft	Latitude:	32° 5' 36.893 N
	+E/W	0.0 usft	Easting:	758,831.00 usft	Longitude:	103° 37' 51.628 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,399.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	9/18/2019	6.73	59.90	47,623.19515856

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	188.29	

Survey Program		Date 11/6/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
140.0	15,774.0	Drilltech MWD (OH)	MWD	OWSG MWD - Standard

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COMPASS 5000.15 Build 91



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3424.0usft
Site:	Gam 36 State Com	MD Reference:	KB = 25 @ 3424.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	NIS (usft)	EW (usft)	DLeg (°/100usft)	Bulid (°/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
	140.0	0.53	199.27	140.0	-0.6	-0.2	0.38	0.38	0.00	-0.6	0.0
	314.0	1.49	355.98	314.0	0.9	-0.6	1.14	0.55	90.06	-0.9	0.6
	404.0	1.85	345.87	403.9	3.5	-1.1	0.52	0.40	-11.23	-3.6	0.2
	492.0	2.02	350.44	491.9	6.4	-1.7	0.26	0.19	5.19	-6.6	0.6
	577.0	1.67	359.14	576.8	9.1	-1.9	0.53	-0.41	10.24	-9.1	1.8
	674.0	1.49	361.94	673.8	11.7	-2.1	0.28	-0.19	-7.42	-11.9	0.5
	959.0	1.85	316.60	958.7	18.8	-5.8	0.38	0.13	-12.40	-17.6	-8.7
	1,053.0	1.76	319.68	1,052.7	21.0	-7.8	0.14	-0.10	3.28	-20.6	-7.9
	1,148.0	1.93	316.60	1,147.6	23.2	-9.8	0.21	0.18	-3.24	-20.4	-10.8
	1,241.0	1.58	4.50	1,240.6	25.7	-10.8	1.57	-0.38	51.51	-22.8	2.8
	1,336.0	2.81	57.24	1,335.5	28.2	-8.8	2.36	1.29	55.52	-20.9	13.8
	1,431.0	3.96	59.17	1,430.3	31.2	-4.0	1.22	1.21	2.03	-34.0	6.3
	1,527.0	3.61	8.99	1,526.1	35.8	-0.7	3.36	-0.36	-52.27	-30.2	-35.3
	1,621.0	5.89	336.73	1,619.8	43.2	-2.1	3.65	2.43	-34.32	-6.1	-57.4
	1,717.0	7.21	309.75	1,715.2	51.6	-8.7	3.45	1.37	-28.10	20.8	-60.9
	1,812.0	8.00	283.64	1,809.4	57.0	-19.7	3.70	0.83	-27.48	44.9	-47.9
	1,907.0	8.79	268.53	1,903.4	58.3	-33.4	2.46	0.83	-15.91	53.1	-33.0
	1,999.0	8.44	267.82	1,994.4	57.9	-47.2	0.40	-0.38	-0.77	50.4	-29.0
	2,093.0	8.18	264.31	2,087.4	57.0	-60.7	0.61	-0.28	-3.73	49.2	-22.1
	2,187.0	8.18	262.29	2,180.4	55.4	-74.0	0.31	0.00	-2.15	47.0	-16.0
	2,282.0	8.53	260.71	2,274.4	53.4	-87.6	0.44	0.37	-1.66	44.1	-10.0
	2,376.0	8.88	259.48	2,367.3	50.9	-101.6	0.42	0.37	-1.31	40.4	-4.2
	2,471.0	8.88	258.51	2,461.2	48.1	-116.0	0.16	0.00	-1.02	36.0	1.7
	2,566.0	9.41	265.36	2,555.0	46.0	-131.0	1.27	0.56	7.21	31.8	2.3
	2,660.0	10.11	271.96	2,647.6	45.7	-146.9	1.40	0.74	7.02	27.0	2.2
	2,755.0	9.67	271.25	2,741.2	46.1	-163.2	0.48	-0.46	-0.75	21.8	5.3

COMPASS 5000.15 Build 91

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Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #50SH
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	K8 = 25 @ 3424.0usft
Site:	Gain 36 State Com	MD Reference:	K9 = 25 @ 3424.0usft
Well:	#50SH	North Reference:	Gid
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)
	2,849.0	9.30	274.33	2,833.9	46.9	-178.8	0.57	-0.18	3.28	17.6	6.9
	2,944.0	10.38	283.47	2,927.5	49.5	-195.0	1.90	0.93	9.62	13.7	5.7
	3,039.0	10.02	282.41	3,021.0	53.3	-211.3	0.43	-0.38	-1.12	8.3	6.4
	3,134.0	9.94	280.92	3,114.6	56.6	-227.5	0.28	-0.08	-1.57	3.1	7.4
	3,227.0	10.11	281.98	3,206.1	59.8	-243.3	0.27	0.18	1.14	-1.7	8.2
	3,320.0	11.17	287.69	3,297.5	64.2	-259.9	1.61	1.14	6.14	-6.7	8.8
	3,415.0	10.11	287.07	3,390.9	69.5	-275.6	1.12	-1.12	-0.65	-12.9	8.3
	3,510.0	9.06	285.58	3,484.6	73.9	-291.8	1.14	-1.11	-1.57	-17.4	7.8
	3,603.0	8.97	286.98	3,576.4	78.0	-305.8	0.25	-0.10	1.51	-20.5	8.2
	3,697.0	9.67	294.54	3,669.2	83.4	-320.0	1.50	0.74	8.04	-23.1	10.0
	3,792.0	8.97	292.52	3,762.9	89.6	-334.1	0.81	-0.74	-2.13	-27.4	7.5
	3,887.0	7.39	292.70	3,857.0	94.8	-346.6	1.66	-1.66	0.19	-29.4	6.2
	4,077.0	4.57	284.70	4,045.9	101.4	-365.2	1.54	-1.48	-4.21	-26.5	0.8
	4,169.0	3.52	273.27	4,137.7	102.5	-371.5	1.43	-1.14	-12.42	-21.6	-2.8
	4,263.0	2.81	254.20	4,231.5	102.0	-376.6	1.34	-0.76	-20.29	-14.7	-4.6
	4,357.0	2.29	224.93	4,325.5	100.1	-380.2	1.47	-0.55	-31.14	-8.9	-2.3
	4,449.0	3.08	213.86	4,417.4	96.7	-382.9	1.02	0.86	-12.03	-9.0	6.3
	4,543.0	4.75	197.86	4,511.1	90.9	-385.5	2.11	1.78	-17.02	-16.3	14.3
	4,638.0	5.28	194.52	4,605.8	83.0	-387.8	0.64	0.56	-3.52	-25.5	24.7
	4,711.0	4.84	188.60	4,678.5	76.7	-389.1	0.86	-0.60	-6.74	-34.9	30.9
	4,810.0	4.75	186.53	4,777.1	69.5	-390.3	0.27	-0.09	-3.10	-46.7	40.7
	4,905.0	4.22	188.90	4,871.8	61.1	-391.3	0.59	-0.56	2.49	-53.7	54.2
	5,000.0	6.07	213.77	4,966.5	53.5	-394.6	3.01	1.95	26.18	-30.1	84.4
	5,095.0	8.00	239.44	5,060.8	45.9	-403.1	3.83	2.03	27.02	6.4	99.6
	5,189.0	8.79	266.07	5,153.8	42.1	-415.9	4.18	0.84	28.33	47.7	93.2
	5,284.0	9.32	293.05	5,247.7	44.6	-430.2	4.46	0.56	28.40	81.7	63.7
	5,378.0	9.32	297.71	5,340.4	51.2	-444.0	0.80	0.00	4.96	82.6	55.1

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Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3424.0usft
Site:	Gem 36 State Com	MD Reference:	KB = 25 @ 3424.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
5,473.0	11.52	305.27	5,433.9	60.2	-458.5	2.72	2.32	7.96	82.8	41.1
5,566.0	11.78	306.41	5,524.9	71.2	-473.7	0.37	0.28	1.23	75.3	35.6
5,660.0	11.52	306.58	5,617.0	82.5	-489.0	0.28	-0.28	0.18	67.1	31.4
5,754.0	10.55	305.79	5,709.3	93.1	-503.5	1.04	-1.03	-0.84	59.3	28.2
5,848.0	10.38	305.35	5,801.7	103.1	-517.4	0.20	-0.18	-0.47	52.8	24.7
5,942.0	9.85	303.95	5,894.2	112.5	-531.0	0.62	-0.56	-1.49	46.5	22.2
6,037.0	9.94	304.12	5,987.8	121.6	-544.5	0.10	0.09	0.18	41.2	18.4
6,132.0	9.58	304.30	6,081.5	130.6	-557.8	0.38	-0.38	0.19	36.1	14.6
6,227.0	9.32	305.09	6,175.2	139.5	-570.7	0.31	-0.27	0.83	31.5	10.4
6,321.0	9.32	305.79	6,267.9	148.3	-583.1	0.12	0.00	0.74	27.2	6.2
6,416.0	9.23	307.02	6,361.7	157.4	-595.4	0.23	-0.09	1.29	22.7	1.5
6,511.0	9.32	308.25	6,455.4	166.8	-607.5	0.23	0.09	1.29	18.1	-3.2
6,604.0	8.97	308.61	6,547.3	176.0	-619.1	0.38	-0.38	0.39	13.7	-7.7
6,699.0	6.68	304.39	6,641.4	183.7	-629.4	2.48	-2.41	-4.44	12.3	-10.9
6,794.0	6.33	301.49	6,735.8	189.6	-638.5	0.51	-0.37	-3.05	12.9	-13.6
6,889.0	5.98	299.20	6,830.2	194.7	-647.2	0.45	-0.37	-2.41	11.5	-15.3
6,982.0	3.69	313.35	6,922.9	199.1	-653.6	2.76	-2.46	15.22	4.3	-18.9
7,076.0	3.08	312.56	7,016.7	202.9	-657.7	0.65	-0.65	-0.84	1.0	-19.9
7,171.0	3.08	310.89	7,111.6	206.3	-661.5	0.09	0.00	-1.76	-3.4	-20.0
7,266.0	1.23	296.04	7,206.5	208.4	-664.4	2.02	-1.95	-15.63	-1.7	-20.8
7,361.0	0.88	282.59	7,301.5	209.0	-666.0	0.45	-0.37	-14.16	1.5	-20.9
7,456.0	0.79	285.93	7,396.5	209.4	-667.3	0.11	-0.09	3.52	-1.1	-20.9
7,551.0	0.88	269.58	7,491.5	209.6	-668.7	0.27	0.09	-17.21	3.5	-20.5
7,567.6	0.86	266.49	7,508.1	209.6	-668.9	0.31	-0.14	-18.60	4.3	-20.3
Brushy Top (Gem 36 State Com #505H)										
7,645.0	0.79	250.25	7,585.5	209.3	-670.0	0.31	-0.09	-20.99	8.7	-18.5
7,738.0	0.70	259.83	7,678.4	209.0	-671.2	0.16	-0.10	10.30	4.3	-19.6

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COMPASS 5000.15 Build 91



Midland PVA

Company: EOG Resources - Midland		Local Co-ordinate Reference: Well #505H	
Project: Lea County, NM (NAD 83 NME)		TVD Reference: KB = 25 @ 3424.0usft	
Site: Gem 36 State Com		MD Reference: KB = 25 @ 3424.0usft	
Well: #505H		North Reference: Grid	
Wellbore: OH		Survey Calculation Method: Minimum Curvature	
Design: OH		Database: EDM 5000.14	

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)
7,830.0	0.79	247.35	7,770.4	208.7	-672.3	0.20	0.10	-13.57	7.3	-18.3
7,925.0	1.14	252.53	7,865.4	208.1	-673.8	0.38	0.37	5.45	4.0	-18.8
8,019.0	0.88	232.67	7,959.4	207.4	-675.3	0.46	-0.28	-21.13	8.5	-16.6
8,114.0	0.70	204.28	8,054.4	206.4	-676.1	0.45	-0.19	-29.88	14.2	-10.9
8,208.0	0.79	180.99	8,148.4	205.3	-676.4	0.33	0.10	-24.78	16.2	-4.6
8,397.0	1.49	156.56	8,337.4	201.7	-675.4	0.44	0.37	-12.93	13.0	1.9
8,493.0	1.49	160.60	8,433.3	199.4	-674.5	0.11	0.00	4.21	10.6	1.1
8,588.0	1.58	168.51	8,528.3	196.9	-673.8	0.24	0.09	8.33	8.2	-0.2
8,682.0	1.41	167.19	8,622.3	194.6	-673.3	0.18	-0.18	-1.40	5.7	0.0
8,777.0	1.41	167.81	8,717.2	192.3	-672.8	0.02	0.00	0.65	3.4	-0.1
8,872.0	1.32	173.43	8,812.2	190.0	-672.4	0.17	-0.09	5.92	1.1	-0.3
8,967.0	1.23	170.71	8,907.2	187.9	-672.1	0.11	-0.09	-2.86	-1.0	-0.3
9,062.0	0.97	170.88	9,002.2	186.1	-671.8	0.27	-0.27	0.18	-2.8	-0.3
9,157.0	0.53	46.87	9,097.2	185.7	-671.4	1.41	-0.46	-130.54	1.9	-2.9
9,251.0	1.14	15.05	9,191.1	186.9	-670.8	0.79	0.65	-33.85	1.8	-1.7
9,344.0	0.88	38.78	9,284.1	188.3	-670.2	0.52	-0.28	25.52	-0.6	-1.9
9,439.0	0.35	125.79	9,379.1	188.7	-669.5	0.98	-0.56	91.59	-2.2	1.2
9,534.0	0.70	35.44	9,474.1	189.0	-668.9	0.63	0.37	-95.11	-1.8	-2.5
9,647.0	0.53	358.35	9,587.1	190.1	-668.5	0.37	-0.15	-32.82	-1.0	-3.5
9,741.0	0.62	58.29	9,681.1	190.8	-668.1	0.62	0.10	63.77	-4.3	-0.5
9,835.0	1.14	62.25	9,775.1	191.5	-668.8	0.56	0.55	4.21	-5.7	-0.2
9,931.0	0.79	36.94	9,871.1	192.5	-666.6	0.57	-0.36	-26.36	-6.6	-3.0
10,026.0	0.62	6.09	9,966.1	193.5	-665.1	0.43	-0.18	-32.47	-5.2	-6.4
10,121.0	0.79	58.73	10,061.1	194.4	-664.5	0.68	0.18	55.41	-9.2	0.7
10,214.0	1.49	46.60	10,154.1	195.5	-663.1	0.79	0.75	-13.04	-11.0	-1.4
10,290.0	0.93	38.30	10,230.0	196.7	-662.0	0.78	-0.74	-10.93	-12.2	-3.1

KOP: MD:10290.0', TVD:10230.0', N/S:196.7', E/W:-662.0', INC:0.93



Midland PVA

Company: EOG Resources - Midland			Local Co-ordinate Reference: Well #505H							
Project: Lea County, NM (NAD 83 NME)			TVD Reference: KB = 25 @ 3424.0usft							
Site: Gem 36 State Com			MD Reference: KB = 25 @ 3424.0usft							
Well: #505H			Grid							
Wellbore: OH			Minimum Curvature							
Design: OH			EDM 5000.14							
Database:			Survey Calculation Method:							
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	D/Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,309.0	0.79	34.39	10,249.0	196.9	-661.8	0.78	-0.71	-20.55	-12.3	-3.9
10,404.0	10.90	178.62	10,343.5	188.4	-661.2	12.16	10.64	151.82	0.7	10.8
10,498.0	20.93	175.72	10,433.8	162.7	-659.8	10.70	10.67	-3.09	-11.4	11.6
10,558.3	25.57	181.40	10,489.2	139.0	-659.3	8.53	7.69	9.42	-17.2	13.5
FTP Crossing, MD:10558.3; TVD:10489.2; N/S:139.0; E/W:-659.3; INC:25.57										
10,592.0	28.23	183.80	10,519.2	123.8	-660.0	8.53	7.90	7.11	-19.9	13.7
10,687.0	35.70	186.97	10,599.8	73.7	-664.8	8.06	7.86	3.34	-26.0	10.7
10,780.0	45.43	183.98	10,689.8	13.0	-670.5	11.73	11.54	-3.22	-31.6	4.5
10,814.7	49.25	184.12	10,693.1	-12.6	-672.3	8.14	8.14	0.40	-33.6	3.0
FTP (Gem 36 State Com #505H)										
10,874.0	54.08	184.33	10,729.9	-59.0	-675.7	8.14	8.14	0.36	-35.7	-0.1
10,969.0	61.55	183.71	10,780.4	-139.2	-681.4	7.88	7.86	-0.65	-35.7	-5.5
11,016.0	68.92	181.78	10,800.8	-181.4	-683.4	12.01	11.43	-4.11	-34.7	-7.7
11,062.0	70.17	181.60	10,817.7	-224.2	-684.6	7.07	7.07	-0.39	-33.2	-8.7
11,109.0	74.92	180.02	10,831.8	-269.0	-685.3	10.60	10.11	-3.36	-30.9	-9.2
11,155.0	77.65	179.41	10,842.7	-313.7	-685.0	6.07	5.93	-1.33	-27.7	-8.6
11,202.0	81.87	180.02	10,851.0	-359.9	-684.8	9.07	8.98	1.30	-23.4	-7.9
11,249.0	84.42	180.37	10,856.6	-406.6	-685.0	5.48	5.43	0.74	-19.0	-7.6
11,364.0	86.44	179.23	10,865.8	-521.2	-684.6	2.02	1.76	-0.99	-12.5	-6.2
11,459.0	87.14	178.58	10,871.1	-616.1	-683.6	0.82	0.74	0.37	-9.5	-4.3
11,554.0	88.81	178.44	10,874.5	-711.0	-681.9	2.13	1.76	-1.20	-8.3	-1.8
11,649.0	89.43	177.12	10,875.9	-805.9	-678.3	1.53	0.65	-1.39	-9.1	2.7
11,744.0	89.25	180.20	10,877.0	-900.9	-676.0	3.25	-0.19	3.24	-10.2	5.8
11,838.0	89.50	179.23	10,878.0	-994.9	-675.6	1.10	0.37	-1.03	-11.5	7.1
11,933.0	90.48	178.14	10,877.9	-1,089.9	-674.2	0.93	0.93	-0.09	-13.8	9.3
12,028.0	91.28	178.79	10,876.4	-1,184.8	-672.5	0.92	0.84	-0.37	-17.5	11.9
12,123.0	87.93	180.90	10,877.1	-1,279.8	-672.2	4.17	-3.53	2.22	-19.1	13.0

11/6/2019 10:20:30AM

Page 8

COMPASS 5000.15 Build 91

Survey	MD	Inc	Azi (azimuth)	TVD	N/S	E/W	Dleg	Build	Turn	High to Plan	Right to Plan
	(ust)	(°)	(°)	(ust)	(ust)	(ust)	(°/100ust)	(°/100ust)	(°/100ust)	(ust)	(ust)
12.218.0	87.49	181.08	10.880.9	-1.374.7	-673.9	0.50	-0.46	0.19	-17.5	-12.2	11.5
12.313.0	87.14	180.81	10.885.3	-1.469.6	-675.4	0.47	-0.37	-0.28	-15.3	-10.5	10.5
12.408.0	86.35	181.43	10.890.7	-1.564.4	-677.3	1.06	-0.83	0.65	-12.1	-9.4	8.2
12.503.0	87.76	182.39	10.895.6	-1.659.2	-680.5	1.79	1.48	1.01	-8.0	5.0	1.7
12.598.0	87.76	182.48	10.899.3	-1.754.1	-684.5	0.09	0.00	0.09	-7.2	-2.0	-6.0
12.691.0	88.55	182.57	10.902.3	-1.846.9	-688.6	0.85	0.85	0.74	-0.37	-9.1	-7.5
12.786.0	89.25	182.92	10.904.1	-1.941.8	-693.1	0.82	0.82	0.65	-0.09	-9.8	-8.1
12.881.0	89.87	183.01	10.904.9	-2.036.7	-698.1	0.66	0.66	0.59	-0.29	-0.29	-0.29
12.926.2	89.20	181.84	10.905.2	-2.081.8	-700.0	2.98	-1.48	-0.46	0.19	0.10	0.10
12.976.0	88.46	180.55	10.906.3	-2.131.6	-701.0	2.98	-1.48	-0.46	0.19	0.10	0.10
13.069.0	87.23	180.20	10.909.8	-2.224.6	-701.6	1.38	-1.32	-0.37	0.08	0.08	0.08
13.164.0	86.97	180.81	10.914.6	-2.319.4	-702.4	0.70	-0.27	-0.37	0.08	0.08	0.08
13.258.0	87.05	180.02	10.919.5	-2.413.3	-703.1	0.84	0.09	-0.84	0.08	0.08	0.08
13.353.0	88.37	179.14	10.923.3	-2.508.2	-702.4	1.67	1.39	-0.93	0.08	0.08	0.08
13.448.0	89.43	179.23	10.926.1	-2.603.2	-701.1	1.12	1.12	-0.93	0.08	0.08	0.08
13.543.0	90.40	178.88	10.925.2	-2.698.2	-699.5	1.09	1.02	-0.37	0.08	0.08	0.08
13.638.0	90.75	178.53	10.924.3	-2.793.1	-697.4	0.52	0.37	-0.37	0.08	0.08	0.08
13.733.0	91.01	178.62	10.922.8	-2.888.1	-695.0	0.29	0.27	-0.37	0.08	0.08	0.08
13.764.4	89.73	178.65	10.922.6	-2.919.5	-694.3	4.07	-4.07	-0.37	0.08	0.08	0.08
13.828.0	87.14	178.70	10.924.3	-2.983.0	-692.8	4.07	-4.07	-0.37	0.08	0.08	0.08
13.923.0	86.79	179.06	10.929.4	-3.077.9	-690.9	0.53	-0.37	-0.37	0.08	0.08	0.08
14.018.0	88.02	180.46	10.933.7	-3.172.8	-690.5	1.96	1.29	-0.37	0.08	0.08	0.08
14.113.0	88.11	180.55	10.936.9	-3.267.7	-691.4	0.13	0.09	-0.37	0.08	0.08	0.08
14.206.0	88.29	180.64	10.939.8	-3.360.7	-692.3	0.22	0.19	-0.37	0.08	0.08	0.08
14.300.0	88.55	180.37	10.942.4	-3.454.6	-693.2	0.40	0.28	-0.37	0.08	0.08	0.08



Midland PVA

Company:	EOG Resources - Midland
Project:	Lea County, NM (NAD 83 NME)
Site:	Gem 36 State Com
Well:	#505H
Wellbore:	OH
Design:	OH
Database:	EDM 5000.14
Survey Calculation Method:	Grid
North Reference:	KB = 25 @ 3424.0ust
MD Reference:	KB = 25 @ 3424.0ust
TVD Reference:	KB = 25 @ 3424.0ust
Local Co-ordinate Reference:	Well #505H



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3424.0usft
Site:	Gem 36 State Com	MD Reference:	KB = 25 @ 3424.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
14,395.0	88.90	179.93	10,944.5	-3,549.6	-693.4	0.59	0.37	-0.46	8.6	12.2
14,490.0	88.90	180.11	10,946.3	-3,644.6	-693.4	0.19	0.00	0.19	8.8	13.0
14,585.0	90.13	180.46	10,947.1	-3,739.6	-693.9	1.35	1.29	0.37	7.9	13.4
14,680.0	91.19	180.02	10,946.0	-3,834.6	-694.3	1.21	1.12	-0.46	5.2	13.9
14,775.0	91.19	179.41	10,944.1	-3,929.6	-693.8	0.64	0.00	-0.64	1.5	15.2
14,870.0	91.98	179.49	10,941.4	-4,024.5	-692.9	0.84	0.83	0.08	-2.7	16.9
14,915.4	90.99	179.53	10,940.3	-4,069.9	-692.5	2.17	-2.17	0.10	-4.7	17.7
TGT#3(Gem 36 State Com #505H)										
14,963.0	89.96	179.58	10,939.9	-4,117.5	-692.2	2.17	-2.17	0.10	-5.6	18.5
15,058.0	90.22	179.14	10,939.7	-4,212.5	-691.1	0.54	0.27	-0.46	-6.3	20.4
15,152.0	88.02	181.60	10,941.2	-4,306.5	-691.7	3.51	-2.34	2.62	-5.3	20.7
15,246.0	87.14	182.22	10,945.1	-4,400.3	-694.8	1.14	-0.94	0.66	-1.9	18.4
15,341.0	88.72	181.87	10,948.6	-4,495.2	-698.2	1.70	1.66	-0.37	1.0	15.9
15,436.0	89.52	181.96	10,950.0	-4,590.1	-701.4	0.85	0.84	0.09	1.9	13.5
15,531.0	89.60	181.96	10,950.8	-4,685.1	-704.7	0.08	0.08	0.00	2.1	11.1
15,626.0	89.69	180.37	10,951.3	-4,780.1	-706.6	1.68	0.09	-1.67	2.2	10.1
15,720.0	89.69	180.20	10,951.9	-4,874.1	-707.1	0.18	0.00	-0.18	2.2	10.4
Last MWD Survey (MD=15720.0')										
15,774.0	89.69	180.20	10,952.1	-4,928.1	-707.2	0.00	0.00	0.00	2.2	10.7
Projection to Bit (MD=15774.0') - PBHL (Gem 36 State Com #505H)										



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #505H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3424.0usft
Site:	Gem 36 State Com	MD Reference:	KB = 25 @ 3424.0usft
Well:	#505H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,290.0	10,230.0	196.7	-662.0	KOP, MD:10290.0', TVD:10230.0', N/S:196.7', E/W:-662.0', INC:0.93
10,558.3	10,489.2	139.0	-659.3	FTP Crossing, MD:10558.3', TVD:10489.2', N/S:139.0', E/W:-659.3', INC:25.57
15,720.0	10,951.9	-4,874.1	-707.1	Last MWD Survey (MD=15720.0')
15,774.0	10,952.1	-4,928.1	-707.2	Projection to Bit (MD=15774.0')

Checked By: _____	Approved By: _____	Date: _____
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I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 12/17/2020
Signed Date



Lea County, NM (NAD 83 NME)

Gem 36 State Com #505H

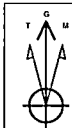
Plan #1

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

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

WELL DETAILS: #505H

KB = 25 @ 3424.0usft 3399.0
 Northing Easting Latitude Longitude
 388493.00 758831.00 32° 5' 36.893 N 103° 37' 51.628 W



Azimuths to Grid North
 True North: -0.37°
 Magnetic North: 6.35°

Magnetic Field
 Strength: 47623.2nT
 Dip Angle: 59.90°
 Date: 9/18/2019
 Model: ICRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.35°
 To convert a Magnetic Direction to a True Direction, Add 6.73° East
 To convert a True Direction to a Grid Direction, Subtract 0.37°

SECTION DETAILS

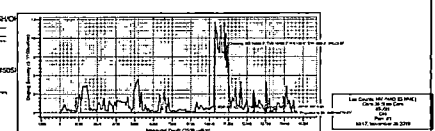
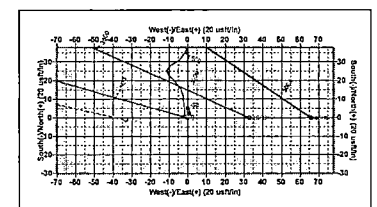
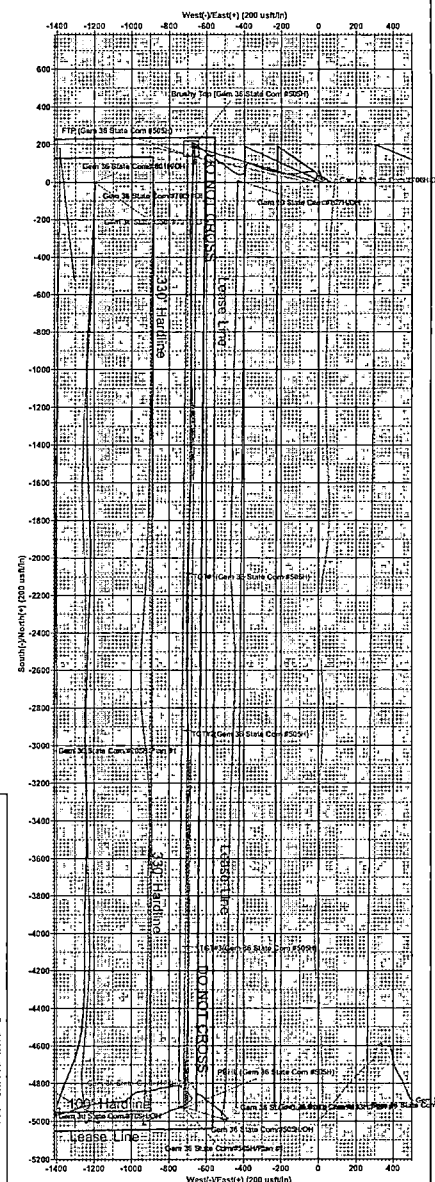
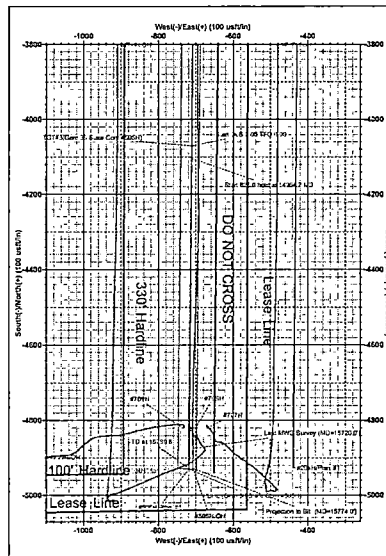
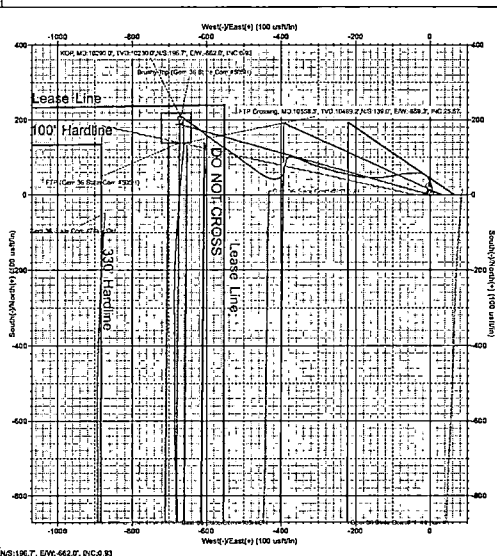
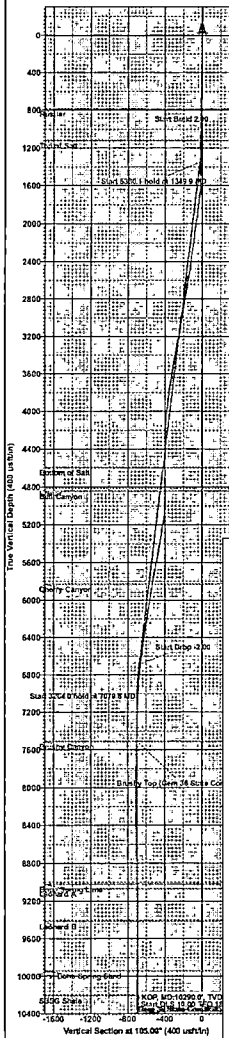
Sec	MD	Inc	Adj	TVD	+N/S	+E/W	Dleg	TFace	VSeet	Target	Annotation
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	1000.0	0.0	0.0	1000.0	0.0	0.0	0.0	0.0	0.0		
3	1349.9	7.00	285.71	1349.9	5.8	-20.5	2.00	285.71	-2.8		
4	6730.0	7.00	285.71	6689.0	183.2	-451.5	0.00	0.00	-87.4		
5	7073.8	0.00	0.00	7038.0	189.0	-672.0	2.00	180.00	-90.2		
6	10343.8	0.00	0.00	10302.0	189.0	-672.0	0.00	0.00	-90.2		
7	11230.4	88.55	180.51	10374.8	-370.5	-677.0	10.00	180.51	454.2		
8	12942.3	88.55	180.51	10915.0	-2081.9	-692.4	0.00	0.00	2160.0		
9	12976.1	89.33	180.51	10915.6	-2115.7	-692.7	2.00	0.00	2163.4		
10	13760.1	89.33	180.51	10925.0	-2919.6	-699.9	0.00	0.00	2900.0		
11	13796.5	89.00	180.51	10925.2	-2936.0	-700.1	2.00	-180.00	3006.2		
12	14390.8	89.00	180.51	10945.0	-4070.1	-710.3	0.00	0.00	4130.0		
13	14964.7	89.58	180.51	10945.4	-4104.0	-710.6	2.00	0.00	4163.6		
14	15789.8	89.68	180.51	10950.0	-4929.0	-718.0	0.00	0.00	4981.6		

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/S	+E/W	Northing	Easting
TGT#1 (Gem 36 State Com #505H)	10915.0	-2031.9	-692.4	336408.10	758130.59
TGT#2 (Gem 36 State Com #505H)	10925.0	-2919.6	-699.9	335576.40	758131.06
TGT#3 (Gem 36 State Com #505H)	10945.0	-4070.1	-710.3	334419.50	758120.72
PBHL (Gem 36 State Com #505H)	10950.0	-4929.0	-718.0	333561.00	758113.00
Brushy Top (Gem 36 State Com #505H)	7503.0	189.0	-672.0	335679.00	758109.00
FTP (Gem 36 State Com #505H)	10715.0	138.0	-672.0	335625.00	758153.00



Intent ☐ As Drilled ☒ XXX

API # 30-025-46391		
Operator Name: EOG RESOURCES, INC	Property Name: GEM 36 STATE COM	Well Number 505H

Kick Off Point (KOP)

UL D	Section 36	Township 25S	Range 32E	Lot	Feet 42	From N/S NORTH	Feet 1219	From E/W WEST	County LEA
Latitude 32.0941332					Longitude 103.6331418			NAD 1983	

First Take Point (FTP)

UL D	Section 36	Township 25S	Range 32E	Lot	Feet 514	From N/S NORTH	Feet 1200	From E/W WEST	County LEA
Latitude 32.0928350					Longitude 103.6332267			NAD 1983	

Last Take Point (LTP)

UL M	Section 36	Township 25S	Range 32E	Lot	Feet 145	From N/S SOUTH	Feet 1221	From E/W WEST	County LEA
Latitude 32.0801407					Longitude 103.6333942			NAD 1983	

Is this well the defining well for the Horizontal Spacing Unit? ☒ YESIs this well an infill well? ☐ NO

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name: EOG RESOURCES, INC	Property Name:	Well Number

KZ 06/29/2018

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. 30-025-46391
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name GEM 36 STATE COM
8. Well Number 505H
9. OGRID Number 7377
10. Pool name or Wildcat WC025 G08 S253235G:LOWER BONE SPRING
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3399' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator EOG RESOURCES INC	
3. Address of Operator PO BOX 2267 MIDLAND, TX 79702	
4. Well Location Unit Letter <u>C</u> : <u>248'</u> feet from the <u>NORTH</u> line and <u>1883'</u> feet from the <u>WEST</u> line Section <u>36</u> Township <u>25S</u> Range <u>32E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3399' GR	

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

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

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.

11/07/2019 RIG RELEASED
 11/28/2019 MIRU PREP TO FRAC, TEST VOID TO 5000 PSI, SEALS & FLANGES TO 8500 PSI
 09/28/2020 BEGIN PERF AND FRAC
 10/02/2020 FINISH 16 STAGES PERF & FRAC, 11,115 - 15,739' 960 3 1/8" SHOTS, FRAC 11,409,655 PROPPANT, 180,424 BBLS LOAD FLUID
 10/12/2020 DRILLED OUT PLUGS AND CLEANED OUT WELLBORE
 11/15/2020 OPENED WELL TO FLOWBACK - DATE OF FIRST PRODUCTION

WILL RUN TBG AND GAS LIFT VALVES WITHIN 3-6 MONTHS, WILL SUBMIT SUNDRY

Spud Date:

10/20/2019

Rig Release Date:

11/07/2019

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

SIGNATURE KAY MADDOX TITLE Regulatory Analyst DATE 12/17/2020

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
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		
								GEM 36 STATE COM		
								6. Well Number:		
								505H		
7. Type of Completion:										
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator						9. OGRID				
EOG RESOURCES INC						7377				
10. Address of Operator						11. Pool name or Wildcat				
PO BOX 2267 MIDLAND, TEXAS 79702						WC025 G08 S253235G; LOWER BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	36	25S	32E		248'	NORTH	1883'	WEST	LEA
BH:	M	36	25S	32E		110'	SOUTH	1221'	WEST	LEA
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
10/20/2019	11/06/2019		11/07/2019			11/15/2020		3399' GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
MD 15,774' TVD 10,952'			MD 15,739' TVD 10,952'			YES		None		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
LOWER BONE SPRING 11,115 - 15,739'										
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		895'		17 1/2"		780 SXS CL C/CIRC		
9 5/8"		40# J-55		4,780'		12 1/4'		1355 SXS CL C/CIRC		
5 1/2"		20# ICYP 110		15,774'		8 1/2'		1760 SXS CL/C&H TOC @ 2520' 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)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
11,115 - 15,739 3 1/8" 960 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,115-15,739'		Frac w/ 11,409,655 lbs proppant; 180,424 bbls load fld		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
11/15/2020		FLOWING				PRODUCING				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
11/19/2020	24	128		2392	4510	4555	1885			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	692					47				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
SOLD										
31. List Attachments										
C-102, C-103, C-104, Directional Survey, As-Completed plat										
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			Name			Title			Date	
KAY MADDOX			Kay Maddox			Regulatory Analyst			12/16/2020	
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 <u>RUSTLER 761'</u>	T. Canyon <u>BRUSHY 7,486"</u>	T. Ojo Alamo	T. Penn A "
T. Salt <u>1,097'</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>4,569'</u>	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 BONE SPRING SAND <u>9,919'</u>	T. Entrada	
T. Wolfcamp	T. 2ND BONE SPRING SAND <u>10,521'</u>	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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

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

CONDITIONS

Action 12504

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	12504	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None