

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 RT 11/25/2020
⁴ API Number 30 - 025-44326	⁵ Pool Name PITCHFORK RANCH; WOLFCAMP	⁶ Pool Code 96994
⁷ Property Code 317615	⁸ Property Name PISTOLERO 15 FEDERAL	⁹ Well Number 702H

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	15	25S	34E		331	NORTH	1042	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
N	15	25S	34E		531	SOUTH	1510	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
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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 11/07/2019	²² Ready Date 11/25/2020	²³ TD 17,135'	²⁴ PBTB 17,111	²⁵ Perforations 12874 - 17111'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/2	9 5/8"	1062'	570 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,853'	1452 SXS CL C/CIRC		
6 3/4"	5 1/2"	17,135'	560 SXS CL H TOC 8534 CBL		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		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:

12/21/2020

Phone:

432-638-8475

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title:

LM II

Approval Date:

2/15/2021

RT EXPIRES 2/25/2021

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 30-025-44326		² Pool Code 96994	³ Pool Name PITCHFORK RANCH; WOLFCAMP, SOUTH
⁴ Property Code 317615	⁵ Property Name PISTOLERO 15 FED COM		⁶ Well Number #702H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3333'

¹⁰Surface Location

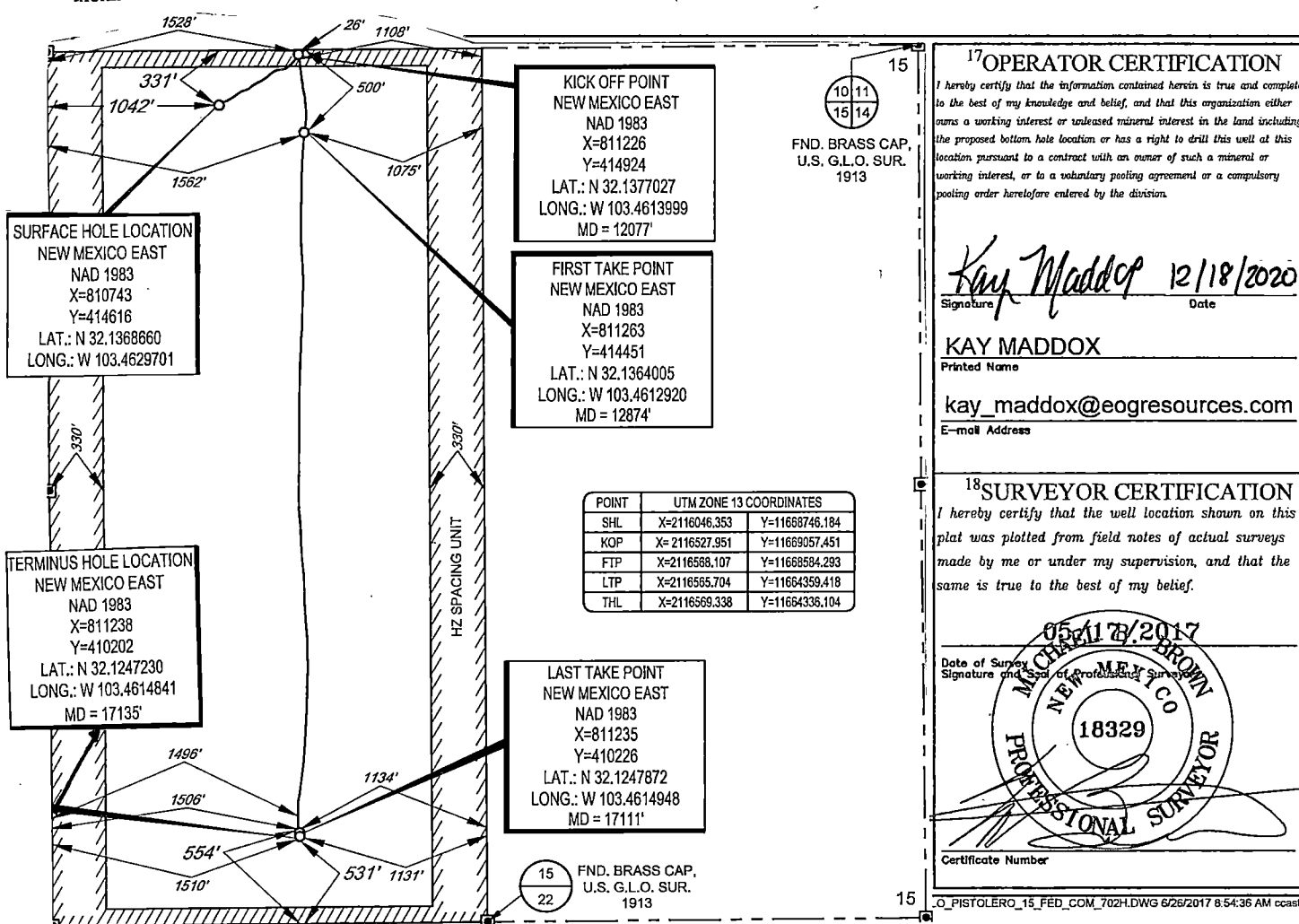
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	25-S	34-E	--	331'	NORTH	1042'	WEST	LEA

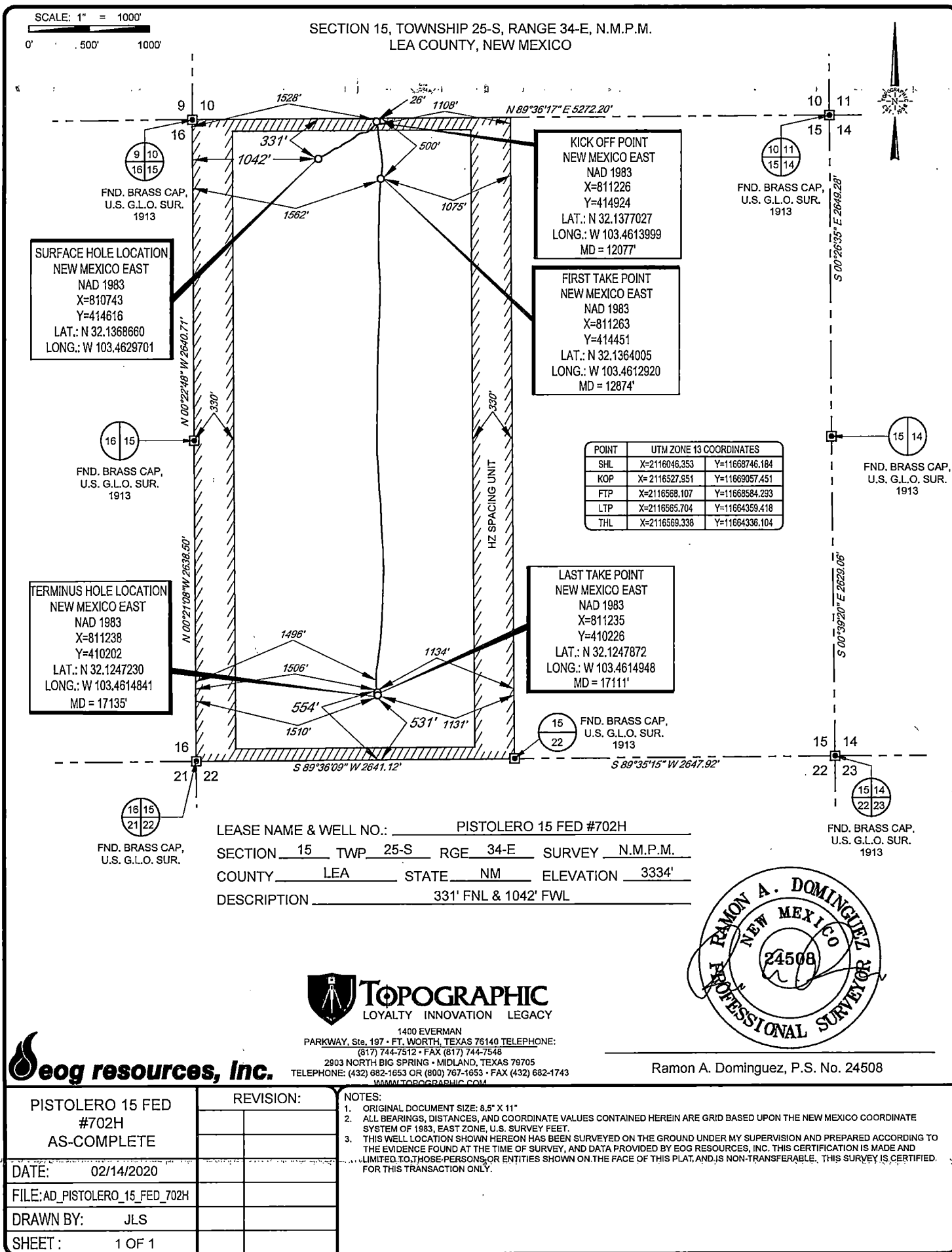
SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	25-S	34-E	-	531'	SOUTH	1510'	WEST	LEA

¹² Dedicated Acres 320	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







EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Pistolero 15 Fed

#702H

OH

Design: OH

Final PVA Report

06 January, 2020



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #702H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3558.0usft
Site:	Pistolero 15 Fed	MD Reference:	KB = 25' @ 3558.0usft
Well:	#702H	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	Pistolero 15 Fed		
Site Position:		Northing:	414,055.00 usft
From:	Map	Easting:	812,078.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 7.059 N
		Longitude:	103° 27' 31.217 W
		Grid Convergence:	0.47 °

Well		#702H				
Well Position	+N-S	0.0 usft	Northing:	414,616.00 usft	Latitude:	32° 8' 12.717 N
	+E-W	0.0 usft	Easting:	810,743.00 usft	Longitude:	103° 27' 46.689 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,333.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/6/2019	6.64	59.97	47,651.37624247

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	1/6/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
185.0	17,135.0	Intrepid MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	



Final PVA Report

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Pistolero 15 Fed
Well: #702H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3558.0usft
MD Reference: KB = 25' @ 3558.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
185.0	0.70	338.60	185.0	1.1	-0.4	0.38	0.38	0.00	-1.1	0.0
363.0	0.70	335.70	363.0	3.1	-1.3	0.02	0.00	-1.63	-3.3	-0.1
539.0	0.70	299.90	539.0	4.6	-2.6	0.24	0.00	-20.34	-4.6	-2.7
667.0	0.90	280.10	667.0	5.1	-4.3	0.26	0.16	-15.47	-5.1	-4.3
857.0	1.10	278.90	856.9	5.7	-7.6	0.11	0.11	-0.63	-8.4	-4.4
997.0	0.90	267.00	996.9	5.8	-10.0	0.21	-0.14	-8.50	-9.7	-6.3
1,141.0	0.30	285.30	1,140.9	5.9	-11.5	0.43	-0.42	12.71	-12.8	-2.4
1,332.0	3.70	73.40	1,331.8	7.8	-6.1	2.07	1.78	77.54	12.7	7.0
1,522.0	6.20	71.30	1,521.1	12.8	9.5	1.32	1.32	-1.11	14.7	3.6
1,712.0	6.70	68.70	1,709.8	20.1	29.6	0.30	0.26	-1.37	12.8	0.8
1,903.0	7.40	69.40	1,899.4	28.5	51.5	0.37	0.37	0.37	9.1	-2.4
2,093.0	7.40	57.80	2,087.8	39.3	73.3	0.79	0.00	-6.11	5.0	-2.2
2,283.0	7.80	54.40	2,276.2	53.3	94.1	0.32	0.21	-1.79	-0.3	-0.7
2,474.0	8.10	56.40	2,465.3	68.3	115.9	0.21	0.16	1.05	-6.9	1.1
2,664.0	9.10	59.70	2,653.2	83.3	140.0	0.59	0.53	1.74	-15.4	2.4
2,854.0	6.90	78.30	2,841.4	93.2	164.1	1.77	-1.16	9.79	-20.7	5.8
3,044.0	7.40	51.40	3,029.9	103.2	184.9	1.76	0.26	-14.16	-23.9	-6.3
3,234.0	8.40	54.80	3,218.1	118.8	205.8	0.58	0.53	1.79	-30.6	-2.3
3,424.0	8.80	57.20	3,406.0	134.7	229.3	0.28	0.21	1.26	-39.3	0.5
3,614.0	7.00	74.80	3,594.2	145.6	252.7	1.58	-0.95	9.26	-43.6	11.7
3,805.0	7.30	52.50	3,783.8	156.0	273.6	1.45	0.16	-11.68	-47.9	-7.4
3,995.0	9.10	49.40	3,971.8	173.2	294.6	0.98	0.95	-1.63	-55.1	-6.9
4,185.0	5.70	53.50	4,160.2	188.6	313.6	1.81	-1.79	2.16	-60.2	0.4
4,375.0	4.30	47.70	4,349.5	199.0	326.4	0.78	-0.74	-3.05	-57.0	-2.4
4,566.0	4.40	65.80	4,539.9	206.8	338.4	0.72	0.05	9.48	-49.2	15.6
4,756.0	5.00	72.00	4,729.3	212.3	352.9	0.41	0.32	3.26	-43.4	17.5



Final PVA Report

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Pistolero 15 Fed
Well: #702H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3558.0usft
MD Reference: KB = 25' @ 3558.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
4,946.0	5.90	70.00	4,918.4	218.2	370.0	0.48	0.47	-1.05	-42.4	12.3
5,135.0	6.70	98.70	5,106.3	219.9	390.0	1.70	0.42	15.19	-35.5	23.4
5,325.0	3.80	55.90	5,295.6	221.7	406.2	2.47	-1.53	-22.53	-36.6	-12.8
5,515.0	3.40	51.80	5,485.2	228.8	415.8	0.25	-0.21	-2.16	-27.8	-13.0
5,705.0	3.90	50.90	5,674.8	236.3	425.3	0.26	0.26	-0.47	-20.1	-10.3
5,895.0	5.70	45.50	5,864.2	247.0	437.0	0.98	0.95	-2.84	-15.7	-7.8
6,085.0	5.30	43.20	6,053.3	260.0	449.8	0.24	-0.21	-1.21	-14.6	-3.0
6,275.0	4.70	41.40	6,242.6	272.3	460.9	0.33	-0.32	-0.95	-12.2	2.7
6,465.0	4.20	55.70	6,432.0	282.0	471.8	0.64	-0.26	7.53	-5.9	9.0
6,655.0	4.30	57.10	6,621.5	289.8	483.6	0.08	0.05	0.74	-0.9	10.3
6,845.0	2.90	91.20	6,811.1	293.6	494.3	1.32	-0.74	17.95	1.7	8.6
7,035.0	0.70	144.50	7,001.0	292.5	499.8	1.34	-1.16	28.05	3.9	7.5
7,225.0	0.70	102.10	7,191.0	291.3	501.6	0.27	0.00	-22.32	-4.2	7.4
7,415.0	0.70	86.20	7,381.0	291.2	503.9	0.10	0.00	-8.37	-8.3	5.6
7,605.0	0.40	80.60	7,571.0	291.4	505.7	0.16	-0.16	-2.95	-10.6	4.7
7,795.0	0.30	88.50	7,761.0	291.5	506.9	0.06	-0.05	4.16	-11.1	6.2
7,986.0	0.30	347.40	7,952.0	292.0	507.3	0.24	0.00	-52.93	-4.3	-12.5
8,175.0	0.40	305.90	8,141.0	292.8	506.6	0.14	0.05	-21.96	4.0	-12.6
8,365.0	0.50	271.90	8,331.0	293.3	505.3	0.15	0.05	-17.89	9.0	-8.6
8,555.0	0.70	262.50	8,520.9	293.1	503.3	0.12	0.11	-4.95	8.3	-7.1
8,745.0	1.20	255.60	8,710.9	292.5	500.2	0.27	0.26	-3.63	5.9	-6.2
8,935.0	1.40	248.10	8,900.9	291.1	496.1	0.14	0.11	-3.95	2.4	-5.6
9,125.0	0.50	320.80	9,090.8	290.9	493.5	0.70	-0.47	38.26	-6.2	-1.8
9,315.0	0.40	316.10	9,280.8	292.0	492.5	0.06	-0.05	-2.47	-7.5	-2.3
9,505.0	0.70	330.60	9,470.8	293.5	491.4	0.17	0.16	7.63	-9.7	-0.2
9,695.0	0.30	276.00	9,660.8	294.6	490.4	0.31	-0.21	-28.74	-6.6	-8.9
9,885.0	0.90	270.90	9,850.8	294.7	488.4	0.32	0.32	-2.68	-7.8	-9.5



Final PVA Report

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Pistolero 15 Fed
Well: #702H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3558.0usft
MD Reference: KB = 25' @ 3558.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,075.0	0.60	289.40	10,040.8	295.0	486.0	0.20	-0.16	9.74	-12.8	-6.1
10,266.0	0.50	268.30	10,231.8	295.3	484.2	0.12	-0.05	-11.05	-11.5	-10.7
10,456.0	0.80	277.30	10,421.8	295.5	482.0	0.17	0.16	4.74	-15.2	-8.6
10,646.0	0.40	294.30	10,611.8	295.9	480.1	0.23	-0.21	8.95	-19.0	-3.4
10,837.0	0.40	209.80	10,802.8	295.6	479.2	0.28	0.00	-44.24	0.8	-19.9
11,026.0	0.70	192.60	10,991.8	293.9	478.6	0.18	0.16	-9.10	4.9	-18.9
11,216.0	0.50	282.20	11,181.7	292.9	477.5	0.45	-0.11	47.16	-19.7	-3.9
11,406.0	0.50	24.60	11,371.7	293.9	477.1	0.41	0.00	53.89	-0.2	20.9
11,596.0	1.90	20.20	11,561.7	297.6	478.5	0.74	0.74	-2.32	-5.8	20.8
11,793.0	1.60	28.00	11,758.6	303.1	480.9	0.19	-0.15	3.96	-8.9	21.8
11,927.0	1.10	18.00	11,892.6	306.0	482.2	0.41	-0.37	-7.46	-15.7	19.6
12,022.0	1.10	28.20	11,987.6	307.6	482.9	0.21	0.00	10.74	-13.7	22.2
12,117.0	1.00	61.30	12,082.5	308.8	484.1	0.64	-0.11	34.84	-1.0	26.6
12,132.6	2.19	147.15	12,098.2	308.6	484.3	14.98	7.61	549.65	26.2	3.0
KOP (Pistolero 15 Fed #702H)										
12,212.0	13.90	168.60	12,176.6	298.0	487.1	14.98	14.75	27.03	21.1	-5.0
12,307.0	26.40	174.00	12,265.6	265.7	491.5	13.29	13.16	5.68	11.8	-3.5
12,372.1	31.61	173.27	12,322.6	234.3	495.1	8.02	8.00	-1.12	6.2	-0.7
HL Crossing, MD:12372.1', TVD:12322.6', N/S:234.3', E/W:495.1', INC:31.61										
12,402.0	34.00	173.00	12,347.7	218.2	497.0	8.02	8.00	-0.90	4.6	1.0
12,497.0	43.90	172.10	12,421.5	159.1	504.8	10.44	10.42	-0.95	1.4	8.1
12,538.5	47.00	171.50	12,450.6	129.8	509.0	7.54	7.47	-1.46	1.1	12.2
FTP (Pistolero 15 Fed #702H)										
12,592.0	51.00	170.80	12,485.7	89.9	515.2	7.54	7.48	-1.30	2.7	18.3
12,639.0	57.10	170.50	12,513.3	52.4	521.4	12.99	12.98	-0.64	5.0	24.4
12,687.0	59.20	171.30	12,538.6	12.2	527.9	4.60	4.37	1.67	8.6	30.8
12,739.0	65.70	176.90	12,562.6	-33.7	532.5	15.72	12.50	10.77	15.5	34.8



Final PVA Report

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Site:	Pistolero 15 Fed	MD Reference:	KB = 25' @ 3558.0usft
Well:	#702H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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12,759.0	71.10	181.30	12,570.0	-52.2	532.8	33.87	27.00	22.00	17.9	34.5	
12,779.0	76.00	185.10	12,575.7	-71.4	531.7	30.53	24.50	19.00	18.9	33.0	
12,826.0	87.50	187.60	12,582.4	-117.5	526.6	25.03	24.47	5.32	15.8	27.8	
12,874.0	87.40	186.20	12,584.5	-165.1	520.8	2.92	-0.21	-2.92	12.9	21.8	
12,969.0	94.00	183.60	12,583.4	-259.7	512.7	7.47	6.95	-2.74	9.0	13.2	
13,064.0	94.90	182.20	12,576.0	-354.3	507.9	1.75	0.95	-1.47	-0.7	7.8	
13,159.0	93.20	180.50	12,569.3	-449.0	505.7	2.53	-1.79	-1.79	-9.7	5.0	
13,239.6	89.30	181.35	12,567.5	-529.5	504.4	4.96	-4.84	1.05	-13.5	3.1	
TGT 1 (Pistolero 15 Fed #702H)											
13,254.0	88.60	181.50	12,567.8	-544.0	504.0	4.96	-4.84	1.05	-13.5	2.7	
13,349.0	88.90	182.80	12,569.9	-638.9	500.5	1.40	0.32	1.37	-13.7	-1.5	
13,444.0	87.40	179.30	12,572.9	-733.8	498.7	4.01	-1.58	-3.68	-12.9	-3.8	
13,539.0	87.00	175.60	12,577.6	-828.6	502.9	3.91	-0.42	-3.89	-10.6	-0.2	
13,634.0	88.00	175.50	12,581.7	-923.2	510.3	1.06	1.05	-0.11	-8.7	6.5	
13,729.0	89.40	179.80	12,583.9	-1,018.1	514.2	4.76	1.47	4.53	-8.8	9.8	
13,823.0	90.90	180.80	12,583.6	-1,112.1	513.7	1.92	1.60	1.06	-11.3	8.7	
13,918.0	89.70	180.50	12,583.1	-1,207.1	512.6	1.30	-1.26	-0.32	-14.1	7.0	
14,013.0	89.50	183.20	12,583.8	-1,302.0	509.6	2.85	-0.21	2.84	-15.7	3.4	
14,077.3	89.64	182.39	12,584.3	-1,366.2	506.4	1.28	0.21	-1.26	-16.7	-0.2	
TGT 2 (Pistolero 15 Fed #702H)											
14,108.0	89.70	182.00	12,584.5	-1,396.9	505.2	1.28	0.21	-1.26	-17.1	-1.6	
14,203.0	91.10	183.20	12,583.8	-1,491.8	500.9	1.94	1.47	1.26	-19.3	-6.5	
14,298.0	90.90	181.90	12,582.1	-1,586.7	496.7	1.38	-0.21	-1.37	-22.5	-11.3	
14,393.0	90.50	181.40	12,581.0	-1,681.6	494.0	0.67	-0.42	-0.53	-25.3	-14.7	
14,488.0	87.60	180.10	12,582.6	-1,776.6	492.7	3.35	-3.05	-1.37	-25.2	-16.5	
14,582.0	87.70	180.90	12,586.4	-1,870.5	491.9	0.86	0.11	0.85	-22.9	-17.9	
14,677.0	85.90	177.90	12,591.7	-1,965.4	492.9	3.68	-1.89	-3.16	-19.1	-17.6	



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #702H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25' @ 3558.0usft
Site:	Pistolero 15 Fed	MD Reference:	KB = 25' @ 3558.0usft
Well:	#702H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,685.8	86.13	178.29	12,592.3	-1,974.1	493.2	5.14	2.62	4.43	-18.7	-17.4
TGT 3 (Pistolero 15 Fed #702H)										
14,772.0	88.40	182.10	12,596.4	-2,060.2	492.9	5.14	2.63	4.42	-15.5	-18.2
14,866.0	90.90	180.60	12,597.0	-2,154.2	490.7	3.10	2.66	-1.60	-15.7	-21.0
14,961.0	91.10	181.10	12,595.4	-2,249.1	489.3	0.57	0.21	0.53	-18.3	-23.0
15,056.0	90.60	178.60	12,594.0	-2,344.1	489.5	2.68	-0.53	-2.63	-20.6	-23.4
15,151.0	91.90	177.50	12,591.9	-2,439.0	492.8	1.79	1.37	-1.16	-23.6	-20.8
15,245.0	91.50	175.00	12,589.1	-2,532.8	498.9	2.69	-0.43	-2.66	-27.2	-15.2
15,340.0	87.10	177.00	12,590.2	-2,627.5	505.5	5.09	-4.63	2.11	-26.9	-9.2
15,435.0	88.80	176.20	12,593.6	-2,722.3	511.2	1.98	1.79	-0.84	-24.4	-4.2
15,530.0	82.80	174.60	12,600.6	-2,816.7	518.7	6.54	-6.32	-1.68	-18.4	2.8
15,625.0	88.70	177.80	12,607.6	-2,911.2	525.0	7.06	6.21	3.37	-12.2	8.4
15,720.0	92.20	178.30	12,606.9	-3,006.1	528.2	3.72	3.68	0.53	-13.9	11.1
15,815.0	89.10	175.30	12,605.8	-3,100.9	533.5	4.54	-3.26	-3.16	-15.9	15.7
15,910.0	91.80	177.60	12,605.1	-3,195.7	539.4	3.73	2.84	2.42	-17.5	21.0
16,005.0	89.20	178.10	12,604.2	-3,290.6	543.0	2.79	-2.74	0.53	-19.2	24.0
16,100.0	90.50	179.80	12,604.5	-3,385.6	544.7	2.25	1.37	1.79	-19.8	25.1
16,195.0	88.10	181.50	12,605.7	-3,480.6	543.7	3.10	-2.53	1.79	-19.5	23.4
16,290.0	90.90	181.60	12,606.5	-3,575.5	541.1	2.95	2.95	0.11	-19.6	20.2
16,384.0	91.60	182.70	12,604.4	-3,669.5	537.6	1.39	0.74	1.17	-22.6	16.1
16,488.0	91.10	182.40	12,602.0	-3,773.3	532.9	0.56	-0.48	-0.29	-26.0	10.8
16,583.0	89.80	182.90	12,601.2	-3,868.2	528.5	1.47	-1.37	0.53	-27.6	5.8
16,678.0	90.30	186.90	12,601.2	-3,962.9	520.4	4.24	0.53	4.21	-28.6	-2.8
16,773.0	89.00	187.80	12,601.7	-4,057.1	508.3	1.66	-1.37	0.95	-29.0	-15.5
16,813.1	87.19	188.22	12,603.1	-4,096.7	502.7	4.65	-4.53	1.05	-28.1	-21.3
TGT 4 (Pistolero 15 Fed #702H)										
16,868.0	84.70	188.80	12,607.0	-4,150.9	494.6	4.65	-4.53	1.05	-25.1	-29.6



Final PVA Report

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Pistolero 15 Fed
Well: #702H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3558.0usft
MD Reference: KB = 25' @ 3558.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM

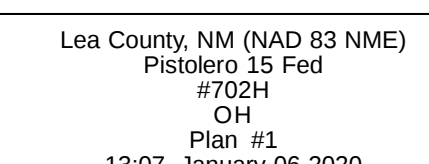
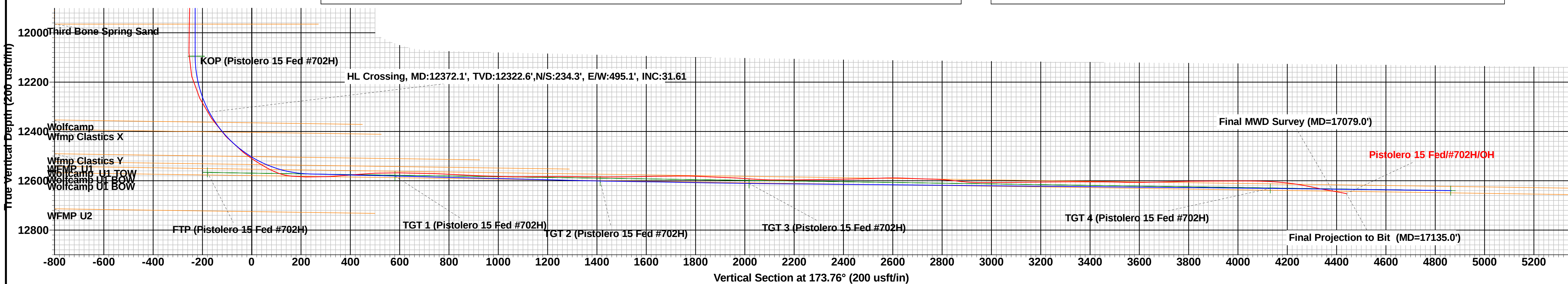
Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,915.0	82.40	187.50	12,612.2	-4,197.1	488.0	5.61	-4.89	-2.77	-20.5	-36.6
16,962.0	79.40	184.60	12,619.7	-4,243.3	483.1	8.82	-6.38	-6.17	-13.6	-41.9
17,010.0	77.90	178.50	12,629.1	-4,290.3	481.8	12.85	-3.12	-12.71	-4.0	-43.7
17,058.0	80.10	174.20	12,638.3	-4,337.3	484.8	9.92	4.58	-8.96	5.0	-40.9
17,079.0	79.60	171.50	12,642.0	-4,357.8	487.4	12.88	-2.38	-12.86	8.7	-38.3
Final MWD Survey (MD=17079.0')										
17,135.0	79.60	171.50	12,652.1	-4,412.3	495.5	0.00	0.00	0.00	17.8	-30.4
Final Projection to Bit (MD=17135.0') - PBHL (Pistolero 15 Fed #702H)										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,372.1	12,322.6	234.3	495.1	HL Crossing, MD:12372.1', TVD:12322.6', N/S:234.3', E/W:495.1', INC:31.61
17,079.0	12,642.0	-4,357.8	487.4	Final MWD Survey (MD=17079.0')
17,135.0	12,652.1	-4,412.3	495.5	Final Projection to Bit (MD=17135.0')

Checked By: _____ Approved By: _____ Date: _____

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

Kay Maddox 12/28/2020



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

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

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

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 12/21/2020

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

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

Well(s)/Production Facility – Name of facility

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

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
PISTOLERO 15 FEDERAL #702H	30-025-44326	SEC 15 T25S R34E	331' FNL & 1042' FWL	3900 MCFD	63 mcf total flared	New Well

Gathering System and Pipeline Notification

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

Flowback Strategy

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

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

Alternatives to Reduce Flaring

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

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 12831

COMMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX79702			OGRID: 7377	Action Number: 12831	Action Type: C-104C
Created By		Comment		Comment Date	
pkautz		GEO REV done		02/15/2021	

District I

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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 12831

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	12831	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None