

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

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377	
		³ Reason for Filing Code/ Effective Date NW 7/6/2022	
⁴ API Number 30 - 025-49769	⁵ Pool Name Jennings; Upper Bone Spring Shale		⁶ Pool Code 97838
⁷ Property Code 325727	⁸ Property Name QUIJOTE 2 STATE COM		⁹ Well Number 501H

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
A	2	26S	32E		365'	NORTH	763'	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	26S	32E		113'	NORTH	339'	EAST	LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 04/14/2022	²² Ready Date 07/6/2022	²³ TD 15,769'	²⁴ PBTD 15,745'	²⁵ Perforations 10,950'-15,745'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
16"	12 1/4"	915'	950 SXS CL C/CIRC		
12 1/4"	9 5/8"	4,644'	1575 SXS CL C/CIRC		
7 7/8"	5 1/2"	15,755'	1625 SXS CL H/CIRC		

V. Well Test Data

³¹ Date New Oil 7/6/2022	³² Gas Delivery Date 7/6/2022	³³ Test Date 7/10/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 643
³⁷ Choke Size 100	³⁸ Oil 1763	³⁹ Water 4864	⁴⁰ Gas 6914		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Kristina Agee</i>			OIL CONSERVATION DIVISION Approved by: Title: Approval Date:		
Printed name: Kristina Agee					
Title: SENIOR REGULATORY ADMINISTRATOR					
E-mail Address: kristina_agee@eogresources.com					
Date: 8/24/2022		Phone: 432-686-6996			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49769	² Pool Code 97838	³ Pool Name Jennings; Upper Bone Spring Shale
⁴ Property Code 325727	⁵ Property Name QUIJOTE 2 STATE COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 501H
		⁹ Elevation 3340'

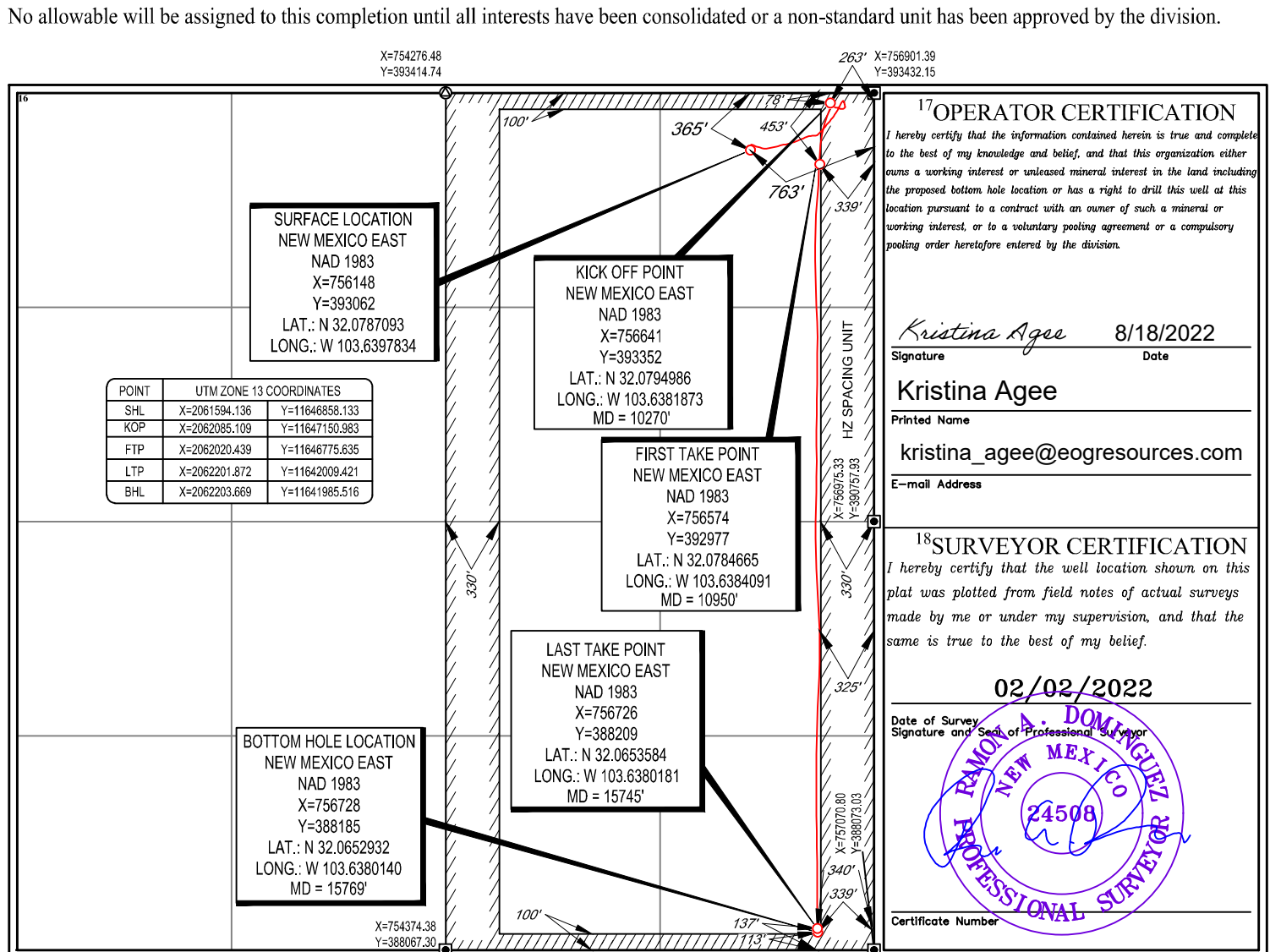
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	26-S	32-E	-	365'	NORTH	763'	EAST	LEA

¹¹Bottom Hole Location If Different From Surface

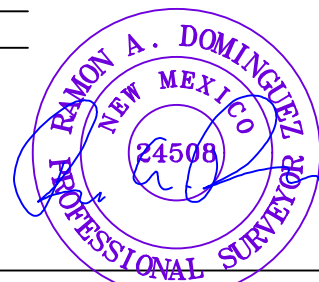
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	26-S	32-E	-	113'	SOUTH	339'	EAST	LEA

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





FND. BRASS CAP,
U.S. G.L.O. SUR.



Ramon A. Dominguez, P.S. No. 24508
June 15, 2022

QUIJOTE 2 STATE COM 501H AS-DRILLED	REVISION:	
DATE: 06/15/22		
FILE: AD QUIJOTE_2_STATE_COM_501H		
DRAWN BY: EAH		
SHEET : 2 OF 2		

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



Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State Com

#501H

OH

Design: OH

Final PVA

12 May, 2022





Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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	Quijote 2 State Com		
Site Position:		Northing:	393,066.99 usft
From:	Map	Easting:	756,153.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 4' 43.401 N
		Longitude:	103° 38' 23.163 W
		Grid Convergence:	0.37 °

Well		#501H				
Well Position	+N/-S	0.0 usft	Northing:	393,062.00 usft	Latitude:	32° 4' 43.352 N
	+E/-W	0.0 usft	Easting:	756,148.00 usft	Longitude:	103° 38' 23.222 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,340.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/1/2022	6.47	59.73	47,318.89443568

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	173.47	

Survey Program	Date	5/12/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
183.0	15,770.0	Altitude MWD (OH)	EOG MWD+IFR1	MWD + IFR1	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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	
183.0	1.16	339.62	183.0	1.7	-0.6	0.63	0.63	0.00	-1.9	0.0	
303.0	1.65	344.91	303.0	4.5	-1.5	0.42	0.41	4.41	-4.8	0.3	
394.0	1.54	347.56	393.9	7.0	-2.1	0.15	-0.12	2.91	-7.3	0.6	
484.0	1.52	355	483.9	9.4	-2.3	0.47	-0.02	17.77	-9.2	2.9	
575.0	1.80	335	574.8	12.0	-2.2	0.31	0.31	-0.22	-11.9	2.8	
673.0	2.17	7.67	672.8	15.4	-1.8	0.41	0.38	4.41	-15.0	3.9	
859.0	3.19	12.36	858.6	23.9	-0.2	0.56	0.55	2.52	-23.3	5.4	
958.0	3.63	8.00	957.4	29.7	0.8	0.52	0.44	-4.40	-29.5	3.4	
1,053.0	1.78	347.96	1,052.3	34.1	0.9	2.16	-1.95	-21.09	-33.2	-7.5	
1,149.0	1.31	104.78	1,148.3	35.3	1.7	2.75	-0.49	121.69	10.7	32.6	
1,244.0	3.85	104.02	1,243.2	34.3	5.8	2.67	2.67	-0.80	11.6	29.5	
1,339.0	6.39	105.90	1,337.8	32.0	14.0	2.68	2.67	1.98	12.3	24.2	
1,434.0	7.26	108.38	1,432.1	28.7	24.8	0.97	0.92	2.61	11.0	17.8	
1,529.0	7.04	107.31	1,526.4	25.1	36.0	0.27	-0.23	-1.13	8.0	11.9	
1,624.0	6.76	105.88	1,620.7	21.8	46.9	0.35	-0.29	-1.51	5.5	6.3	
1,719.0	6.74	106.76	1,715.0	18.7	57.7	0.11	-0.02	0.93	3.6	0.4	
1,815.0	8.03	98.99	1,810.2	16.0	69.7	1.70	1.34	-8.09	1.2	-4.5	
1,910.0	8.58	97.52	1,904.2	14.0	83.3	0.62	0.58	-1.55	-2.4	-8.9	
2,005.0	8.33	85.55	1,998.2	13.7	97.1	1.87	-0.26	-12.60	-3.7	-12.8	
2,100.0	8.11	80.27	2,092.2	15.3	110.6	0.83	-0.23	-5.56	-5.3	-14.9	
2,195.0	7.76	74.23	2,186.3	18.2	123.4	0.95	-0.37	-6.36	-6.0	-16.1	
2,290.0	7.70	71.80	2,280.5	21.9	135.6	0.35	-0.06	-2.56	-7.2	-16.1	
2,385.0	7.40	74.45	2,374.6	25.6	147.5	0.48	-0.32	2.79	-9.6	-15.5	
2,480.0	7.21	74.03	2,468.9	28.8	159.2	0.21	-0.20	-0.44	-10.7	-15.6	
2,575.0	7.15	73.94	2,563.1	32.1	170.6	0.06	-0.06	-0.09	-11.6	-15.6	
2,670.0	6.90	74.89	2,657.4	35.2	181.8	0.29	-0.26	1.00	-12.7	-15.4	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
2,765.0	6.64	75.42	2,751.8	38.1	192.6	0.28	-0.27	0.56	-13.1	-15.5
2,860.0	6.51	75.87	2,846.1	40.8	203.1	0.15	-0.14	0.47	-13.3	-15.7
2,956.0	6.34	75.42	2,941.5	43.5	213.5	0.18	-0.18	-0.47	-12.9	-16.1
3,051.0	6.02	73.39	3,036.0	46.2	223.4	0.41	-0.34	-2.14	-11.7	-16.5
3,146.0	5.77	73.01	3,130.5	49.0	232.7	0.27	-0.26	-0.40	-10.5	-16.4
3,241.0	5.95	74.07	3,225.0	51.8	242.0	0.22	0.19	1.12	-9.6	-16.1
3,336.0	8.17	70.53	3,319.2	55.4	253.1	2.38	2.34	-3.73	-9.4	-16.3
3,431.0	8.31	70.15	3,413.3	60.0	266.0	0.16	0.15	-0.40	-12.1	-15.6
3,526.0	8.00	68.22	3,507.3	64.7	278.6	0.44	-0.33	-2.03	-14.2	-15.1
3,621.0	7.67	68.08	3,601.4	69.6	290.6	0.35	-0.35	-0.15	-16.4	-14.0
3,717.0	7.34	64.76	3,696.6	74.6	302.1	0.57	-0.34	-3.46	-17.2	-13.5
3,812.0	6.95	63.79	3,790.9	79.7	312.7	0.43	-0.41	-1.02	-18.1	-11.9
3,907.0	6.28	63.92	3,885.2	84.5	322.5	0.71	-0.71	0.14	-18.4	-9.9
4,002.0	6.08	63.51	3,979.7	89.0	331.7	0.22	-0.21	-0.43	-17.9	-8.1
4,192.0	5.64	72.10	4,168.7	96.4	349.6	0.52	-0.23	4.52	-16.4	-3.0
4,287.0	5.44	76.08	4,263.2	98.9	358.4	0.46	-0.21	4.19	-14.9	-1.9
4,382.0	5.73	81.01	4,357.8	100.7	367.5	0.59	0.31	5.19	-13.4	-1.5
4,477.0	5.89	86.74	4,452.3	101.8	377.0	0.63	0.17	6.03	-12.5	-2.1
4,572.0	5.86	85.84	4,546.8	102.4	386.7	0.10	-0.03	-0.95	-11.6	-4.7
4,678.0	5.64	85.04	4,652.3	103.2	397.3	0.22	-0.21	-0.75	-11.6	-10.0
4,773.0	6.75	54.16	4,746.7	106.9	406.5	3.64	1.17	-32.51	-3.8	-18.8
4,868.0	8.79	42.77	4,840.9	115.5	415.9	2.68	2.15	-11.99	-1.9	-20.3
4,963.0	9.01	40.53	4,934.7	126.5	425.7	0.43	0.23	-2.36	-5.0	-20.2
5,058.0	9.13	40.15	5,028.5	137.9	435.4	0.14	0.13	-0.40	-9.0	-19.7
5,153.0	9.16	39.76	5,122.3	149.5	445.1	0.07	0.03	-0.41	-13.2	-19.3
5,248.0	8.93	40.71	5,216.1	160.9	454.7	0.29	-0.24	1.00	-17.6	-18.5
5,344.0	8.50	38.21	5,311.0	172.1	464.0	0.60	-0.45	-2.60	-20.4	-18.7



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,439.0	8.67	38.07	5,405.0	183.3	472.7	0.18	0.18	-0.15	-23.8	-17.9
5,534.0	8.67	38.32	5,498.9	194.5	481.6	0.04	0.00	0.26	-27.4	-16.9
5,629.0	8.38	36.69	5,592.8	205.7	490.2	0.40	-0.31	-1.72	-30.2	-16.7
5,725.0	7.78	33.80	5,687.9	216.7	498.0	0.75	-0.62	-3.01	-32.0	-16.8
5,820.0	7.44	31.51	5,782.0	227.3	504.8	0.48	-0.36	-2.41	-33.2	-16.2
5,915.0	7.23	31.76	5,876.3	237.6	511.1	0.22	-0.22	0.26	-34.7	-13.9
6,011.0	6.99	30.60	5,971.5	247.8	517.3	0.29	-0.25	-1.21	-35.6	-12.4
6,201.0	6.64	28.26	6,160.2	267.4	528.4	0.24	-0.18	-1.23	-36.6	-8.9
6,297.0	6.88	29.01	6,255.5	277.3	533.8	0.27	0.25	0.78	-37.3	-5.7
6,392.0	6.69	27.65	6,349.9	287.2	539.1	0.26	-0.20	-1.43	-37.9	-3.9
6,487.0	6.98	24.39	6,444.2	297.3	544.1	0.51	0.31	-3.43	-38.6	-2.9
6,582.0	6.64	23.69	6,538.5	307.6	548.7	0.37	-0.36	-0.74	-39.6	0.1
6,678.0	5.48	23.87	6,634.0	316.9	552.7	1.21	-1.21	0.19	-39.3	3.8
6,773.0	3.00	59.05	6,728.7	322.3	556.7	3.67	-2.61	37.03	-25.7	25.3
6,868.0	1.80	99.21	6,823.6	323.4	560.3	2.10	-1.26	42.27	-0.7	28.5
6,963.0	2.04	146.29	6,918.6	321.7	562.7	1.63	0.25	49.56	15.1	10.4
7,058.0	1.80	144.28	7,013.5	319.1	564.5	0.26	-0.25	-2.12	9.7	1.5
7,153.0	1.92	152.67	7,108.5	316.5	566.1	0.31	0.13	8.83	4.5	-5.8
7,247.0	1.58	160.20	7,202.4	313.9	567.3	0.44	-0.36	8.01	-0.7	-9.1
7,342.0	1.60	165.09	7,297.4	311.4	568.1	0.14	0.02	5.15	-4.4	-9.4
7,438.0	1.93	170.01	7,393.4	308.5	568.7	0.38	0.34	5.12	-8.1	-8.8
7,533.0	2.22	172.34	7,488.3	305.1	569.2	0.32	0.31	2.45	-11.9	-8.4
7,628.0	2.35	167.63	7,583.2	301.3	569.9	0.24	0.14	-4.96	-15.0	-9.5
7,722.0	2.02	162.43	7,677.2	297.9	570.8	0.41	-0.35	-5.53	-17.6	-11.0
7,817.0	1.58	166.29	7,772.1	295.0	571.6	0.48	-0.46	4.06	-21.3	-9.7
7,913.0	1.28	163.07	7,868.1	292.7	572.2	0.32	-0.31	-3.35	-23.1	-11.0
8,008.0	1.39	167.96	7,963.1	290.6	572.8	0.17	0.12	5.15	-26.2	-8.9



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)	
8,103.0	1.56	183.66	8,058.0	288.1	573.0	0.46	0.18	16.53	-30.0	-0.5	
8,198.0	1.85	183.76	8,153.0	285.3	572.8	0.31	0.31	0.11	-32.6	2.5	
8,294.0	2.16	213.87	8,248.9	282.3	571.7	1.13	0.32	31.36	-28.2	22.1	
8,389.0	2.55	220.85	8,343.8	279.2	569.3	0.51	0.41	7.35	-27.0	28.1	
8,484.0	2.49	223.39	8,438.8	276.1	566.5	0.13	-0.06	2.67	-27.7	31.7	
8,579.0	3.59	264.54	8,533.6	274.3	562.1	2.50	1.16	43.32	-1.2	43.8	
8,674.0	3.93	273.99	8,628.4	274.3	555.9	0.74	0.36	9.95	3.1	43.6	
8,769.0	3.64	272.48	8,723.2	274.6	549.6	0.32	-0.31	-1.59	-1.0	43.5	
8,864.0	3.24	268.97	8,818.0	274.7	543.9	0.48	-0.42	-3.69	-6.0	43.2	
8,960.0	3.03	297.91	8,913.9	275.8	539.0	1.64	-0.22	30.15	13.7	40.5	
9,055.0	2.92	297.19	9,008.8	278.1	534.6	0.12	-0.12	-0.76	11.2	39.1	
9,150.0	3.02	283.37	9,103.7	279.8	530.0	0.76	0.11	-14.55	-0.1	39.3	
9,245.0	3.37	274.02	9,198.5	280.6	524.8	0.66	0.37	-9.84	-8.4	38.1	
9,340.0	3.21	270.36	9,293.4	280.8	519.4	0.28	-0.17	-3.85	-13.0	37.3	
9,436.0	3.13	262.20	9,389.2	280.4	514.1	0.48	-0.08	-8.50	-20.1	35.2	
9,531.0	2.91	305.02	9,484.1	281.5	509.5	2.33	-0.23	45.07	7.5	39.3	
9,626.0	3.00	330.12	9,579.0	285.0	506.3	1.35	0.09	26.42	20.5	30.6	
9,721.0	3.10	336.49	9,673.8	289.5	504.1	0.37	0.11	6.71	20.0	25.4	
9,816.0	1.30	319.82	9,768.8	292.7	502.3	1.99	-1.89	-17.55	10.5	26.7	
9,912.0	1.12	285.60	9,864.7	293.8	500.7	0.76	-0.19	-35.65	-4.9	26.5	
10,007.0	0.86	247.73	9,959.7	293.8	499.2	0.72	-0.27	-39.86	-18.6	18.6	
10,102.0	1.16	247.02	10,054.7	293.1	497.6	0.32	0.32	-0.75	-17.4	19.6	
10,212.0	1.82	247.98	10,164.7	292.0	495.0	0.60	0.60	0.87	-16.4	21.4	
10,270.0	4.20	229.98	10,222.6	290.3	492.5	4.37	4.11	-31.04	-23.6	16.3	
KOP, MD:10270.0', TVD:10222.6', N/S:290.3', E/W:492.5', INC:4.20											
10,316.0	6.18	225.83	10,268.4	287.5	489.4	4.37	4.30	-9.02	-27.7	15.6	
10,411.0	18.97	202.02	10,361.0	269.6	479.9	14.25	13.46	-25.06	-45.5	2.5	



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
10,497.7	30.45	200.43	10,439.6	235.8	466.9	13.26	13.24	-1.84	-63.0	-1.8
FTP Crossing, MD:10497.7', TVD:10439.6', N/S:235.8', E/W:466.9', INC:30.45										
10,506.0	31.55	200.33	10,446.7	231.8	465.4	13.26	13.25	-1.15	-64.9	-2.4
10,601.0	41.85	191.86	10,522.8	177.3	450.2	12.06	10.84	-8.92	-84.6	-17.2
10,696.0	43.56	190.08	10,592.6	114.0	438.0	2.20	1.80	-1.87	-97.2	-22.5
10,791.0	48.69	182.98	10,658.5	46.1	430.4	7.62	5.40	-7.47	-95.0	-29.9
10,886.0	56.57	181.63	10,716.1	-29.3	427.4	8.37	8.29	-1.42	-87.1	-24.5
10,981.0	64.11	180.81	10,763.1	-111.8	425.7	7.97	7.94	-0.86	-74.0	-16.8
11,077.0	68.00	180.78	10,802.1	-199.5	424.5	4.05	4.05	-0.03	-52.4	-8.6
11,171.0	73.29	183.62	10,833.2	-288.1	421.0	6.31	5.63	3.02	-23.8	-3.9
11,266.0	78.73	180.92	10,856.2	-380.1	417.4	6.36	5.73	-2.84	-0.9	-3.3
11,362.0	85.69	179.71	10,869.2	-475.2	416.9	7.36	7.25	-1.26	12.1	-4.2
11,457.0	87.18	179.15	10,875.1	-570.0	417.8	1.68	1.57	-0.59	18.0	-6.2
11,552.0	89.90	177.17	10,877.5	-664.9	420.9	3.54	2.86	-2.08	20.4	-6.1
11,647.0	90.43	176.53	10,877.2	-759.8	426.1	0.87	0.56	-0.67	20.1	-3.9
11,742.0	87.69	176.67	10,878.8	-854.6	431.7	2.89	-2.88	0.15	21.6	-1.2
11,836.0	87.66	175.31	10,882.6	-948.3	438.3	1.45	-0.03	-1.45	25.4	2.4
11,931.0	87.66	175.98	10,886.5	-1,042.9	445.5	0.70	0.00	0.71	29.3	6.6
12,026.0	89.76	177.88	10,888.6	-1,137.7	450.6	2.98	2.21	2.00	31.4	8.8
12,122.0	90.18	178.62	10,888.7	-1,233.7	453.5	0.89	0.44	0.77	31.4	8.7
12,217.0	91.70	178.58	10,887.1	-1,328.6	455.9	1.60	1.60	-0.04	29.9	8.0
12,312.0	91.70	178.65	10,884.3	-1,423.6	458.2	0.07	0.00	0.07	27.0	7.4
12,407.0	91.16	179.01	10,881.9	-1,518.5	460.1	0.68	-0.57	0.38	24.6	6.3
12,502.0	90.88	178.79	10,880.2	-1,613.5	461.9	0.37	-0.29	-0.23	22.9	5.2
12,597.0	90.77	178.43	10,878.9	-1,708.5	464.2	0.40	-0.12	-0.38	21.5	4.5
12,692.0	89.31	177.48	10,878.8	-1,803.4	467.6	1.83	-1.54	-1.00	21.4	4.9
12,787.0	88.11	177.96	10,880.9	-1,898.3	471.4	1.36	-1.26	0.51	23.6	5.7

Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,882.0	90.01	178.97	10,882.5	-1,993.2	473.9	2.26	2.00	1.06	25.1	5.3
12,977.0	89.14	178.99	10,883.2	-2,088.2	475.6	0.92	-0.92	0.02	25.8	4.0
13,072.0	89.23	179.24	10,884.5	-2,183.2	477.1	0.28	0.09	0.26	27.1	2.5
13,167.0	89.06	178.60	10,886.0	-2,278.2	478.9	0.70	-0.18	-0.67	28.5	1.3
13,262.0	88.72	178.02	10,887.8	-2,373.1	481.7	0.71	-0.36	-0.61	30.3	1.2
13,357.0	91.28	176.37	10,887.8	-2,468.0	486.3	3.21	2.69	-1.74	30.3	2.8
13,452.0	91.53	176.28	10,885.5	-2,562.8	492.4	0.28	0.26	-0.09	28.0	6.0
13,548.0	91.30	175.36	10,883.1	-2,658.5	499.4	0.99	-0.24	-0.96	25.6	9.9
13,643.0	90.69	174.60	10,881.5	-2,753.1	507.7	1.03	-0.64	-0.80	23.9	15.3
13,738.0	91.19	173.86	10,879.9	-2,847.6	517.3	0.94	0.53	-0.78	22.4	21.8
13,833.0	91.70	177.63	10,877.5	-2,942.3	524.3	4.00	0.54	3.97	19.9	26.0
13,928.0	91.19	178.26	10,875.1	-3,037.2	527.7	0.85	-0.54	0.66	17.5	26.4
14,023.0	89.85	178.41	10,874.2	-3,132.1	530.5	1.42	-1.41	0.16	16.6	26.2
14,118.0	89.20	180.97	10,875.0	-3,227.1	531.0	2.78	-0.68	2.69	17.4	23.7
14,214.0	88.56	181.07	10,876.9	-3,323.1	529.3	0.67	-0.67	0.10	19.3	19.0
14,309.0	87.77	179.99	10,879.9	-3,418.0	528.4	1.41	-0.83	-1.14	22.3	15.2
14,404.0	86.76	179.23	10,884.5	-3,512.9	529.1	1.33	-1.06	-0.80	26.8	12.9
14,499.0	87.69	179.56	10,889.1	-3,607.8	530.1	1.04	0.98	0.35	31.3	10.9
14,594.0	87.97	178.75	10,892.7	-3,702.7	531.5	0.90	0.29	-0.85	34.9	9.3
14,689.0	88.22	178.49	10,895.8	-3,797.7	533.7	0.38	0.26	-0.27	38.1	8.6
14,784.0	90.15	178.39	10,897.2	-3,892.6	536.3	2.03	2.03	-0.11	39.4	8.2
14,879.0	89.45	177.95	10,897.5	-3,987.6	539.4	0.87	-0.74	-0.46	39.7	8.3
14,974.0	88.45	176.71	10,899.3	-4,082.4	543.8	1.68	-1.05	-1.31	41.4	9.8
15,069.0	92.00	177.11	10,898.9	-4,177.3	548.9	3.76	3.74	0.42	41.0	11.9
15,164.0	92.84	177.64	10,894.9	-4,272.1	553.3	1.05	0.88	0.56	37.0	13.3
15,259.0	92.34	177.10	10,890.6	-4,366.9	557.6	0.77	-0.53	-0.57	32.7	14.7
15,354.0	92.90	177.73	10,886.2	-4,461.7	561.9	0.89	0.59	0.66	28.3	16.0



Final PVA



Company:	Midland	Local Co-ordinate Reference:	Well #501H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3366.0usft
Site:	Quijote 2 State Com	MD Reference:	KB = 26' @ 3366.0usft
Well:	#501H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

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)
15,449.0	92.54	178.61	10,881.7	-4,556.5	564.9	1.00	-0.38	0.93	23.8	16.1
15,544.0	89.20	178.21	10,880.3	-4,651.5	567.6	3.54	-3.52	-0.42	22.3	15.7
15,639.0	88.64	176.77	10,882.1	-4,746.4	571.7	1.63	-0.59	-1.52	24.1	16.9
15,708.0	87.77	176.53	10,884.2	-4,815.2	575.7	1.31	-1.26	-0.35	26.2	18.8
Last MWD Survey (MD=15708.0')										
15,770.0	87.77	176.53	10,886.7	-4,877.1	579.5	0.00	0.00	0.00	28.6	20.6
Projection to Bit (MD=15770.0')										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
10,270.0	10,222.6	290.3	492.5	KOP, MD:10270.0', TVD:10222.6', N/S:290.3', E/W:492.5', INC:4.20	
10,497.7	10,439.6	235.8	466.9	FTP Crossing, MD:10497.7', TVD:10439.6', N/S:235.8', E/W:466.9', INC:30.45	
15,708.0	10,884.2	-4,815.2	575.7	Last MWD Survey (MD=15708.0')	
15,770.0	10,886.7	-4,877.1	579.5	Projection to Bit (MD=15770.0')	

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)

Quijote 2 State Com #501H

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: #501H

KB = 26' @ 3366.0usft			3340.0
Northring	Easting	Latitude	Longitude
393062.00	756148.00	32° 4' 43.352 N	103° 38' 23.222 W

PLANNING DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1328.5	6.57	74.20	1327.8	5.1	18.1	2.00	74.20	-3.0	
4	4538.5	6.57	74.20	4516.7	105.1	371.5	0.00	0.00	-62.2	
5	4715.8	6.57	42.82	4692.9	115.3	388.2	2.00	-105.61	-70.4	
6	6967.0	6.57	42.82	6929.3	304.2	563.2	0.00	0.00	-238.1	
7	7295.4	0.00	0.00	7257.0	318.0	576.0	2.00	180.00	-250.4	
8	8038.4	0.00	0.00	8000.0	318.0	576.0	0.00	0.00	-250.4	
9	8138.4	2.00	270.00	8100.0	318.0	574.3	2.00	270.00	-250.6	
10	10326.0	2.00	270.00	10286.2	318.0	497.9	0.00	0.00	-259.3	
11	11224.2	90.00	185.05	10857.1	-251.0	427.7	10.00	-84.95	298.0	
12	11452.3	89.99	178.21	10857.1	-478.9	421.2	3.00	-90.10	523.7	
13	15855.6	89.99	178.21	10858.0	-4880.0	559.0	0.00	0.00	4911.9	PBHL(Quijote 2 State Com #501H)

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit 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 QUIJOTE 2 STATE COM		
								6. Well Number: 501H		
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 Jennings; Upper Bone Spring Shale			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	2	26S	32E		365'	NORTH	763'	EAST	LEA
BH:	P	2	26S	32E		113'	NORTH	339'	EAST	LEA
13. Date Spudded 04/14/2022	14. Date T.D. Reached 04/21/2022		15. Date Rig Released 4/23/2022			16. Date Completed (Ready to Produce) 7/6/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3340GL		
18. Total Measured Depth of Well MD 15,769' TVD 10,886'			19. Plug Back Measured Depth MD 15,745' TVD 10,886'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name 2ND BONE SPRINGS 10,950'-15,745'										
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		915'		16"		950 CL C/CIRC		
9 5/8"		40# J55		4,644'		12 1/4"		1575 C/CIRC		
5 1/2"		20# HCP 110		15,755'		7 7/8"		1625 CL H/CIRC		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 10,950'-15,745' 3 1/8", 966 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,950'-15,745'		FRAC W/11,626,885 lbs proppant, 165,666 bbls load fld		
28. PRODUCTION										
Date First Production 7/6/2022		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 7/10/2022	Hours Tested 24	Choke Size 100	Prod'n For Test Period	Oil - Bbl 1763	Gas - MCF 6914	Water - Bbl. 4864	Gas - Oil Ratio 3922			
Flow Tubing Press.	Casing Pressure 643	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 47				
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										
Signature <i>Kristina Agee</i>		Printed Name Kristina Agee		Title Senior Regulatory Administrator		Date 8/24/2022				
E-mail Address kristina_agee@eogresources.com										

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

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy	Rustler	781'	T. Canyon	Brushy	8729'	T. Ojo Alamo	T. Penn A "
T. Salt		1,151'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		4,417'	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	9,961'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,514'		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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 137647

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 137647
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 137647

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 137647
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/24/2025