

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

NMOCD Rec'd: 9/24/2020 Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND 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 09/07/2020
⁴ API Number 30 - 025-46275	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 325165	⁸ Property Name QUAIL 2 STATE COM	⁹ Well Number 706H

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
C	2	26S	30E		600	NORTH	1629	WEST	EDDY

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	2	26S	30E		340	SOUTH	1463	WEST	EDDY
¹² Lse Code S	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	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
11/07/2019	09/07/2020	15,763'	15,727'	11,441 - 15,727'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8"	1,183	700 SXS CL C TOC 0		
8 3/4"	7 5/8"	10,543'	1565 SXS CL C & H TOC 0		
6 3/4"	5 1/2"	15,763	515 SXS CL H TOC 7696' 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
09/07/2020	09/07/2020	09/14/2020	24 HRS		2412
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
36	1197	4836	4042		
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>Kay Maddox</i>			OIL CONSERVATION DIVISION		
Printed name: Kay Maddox			Approved by: <i>Ana Rodriguez</i>		
Title: SENIOR REGULATORY SPECIALIST			Title: BUSINESS OP. SPEC.		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 12/31/2020		
Date: 09/21/2020			Phone: 432-638-8475		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720
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

NMOCD Rec'd: 9/24/2020

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 30-015-46275	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325165	⁵ Property Name QUAIL 2 STATE COM	⁶ Well Number 706H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3213'

¹⁰Surface Location

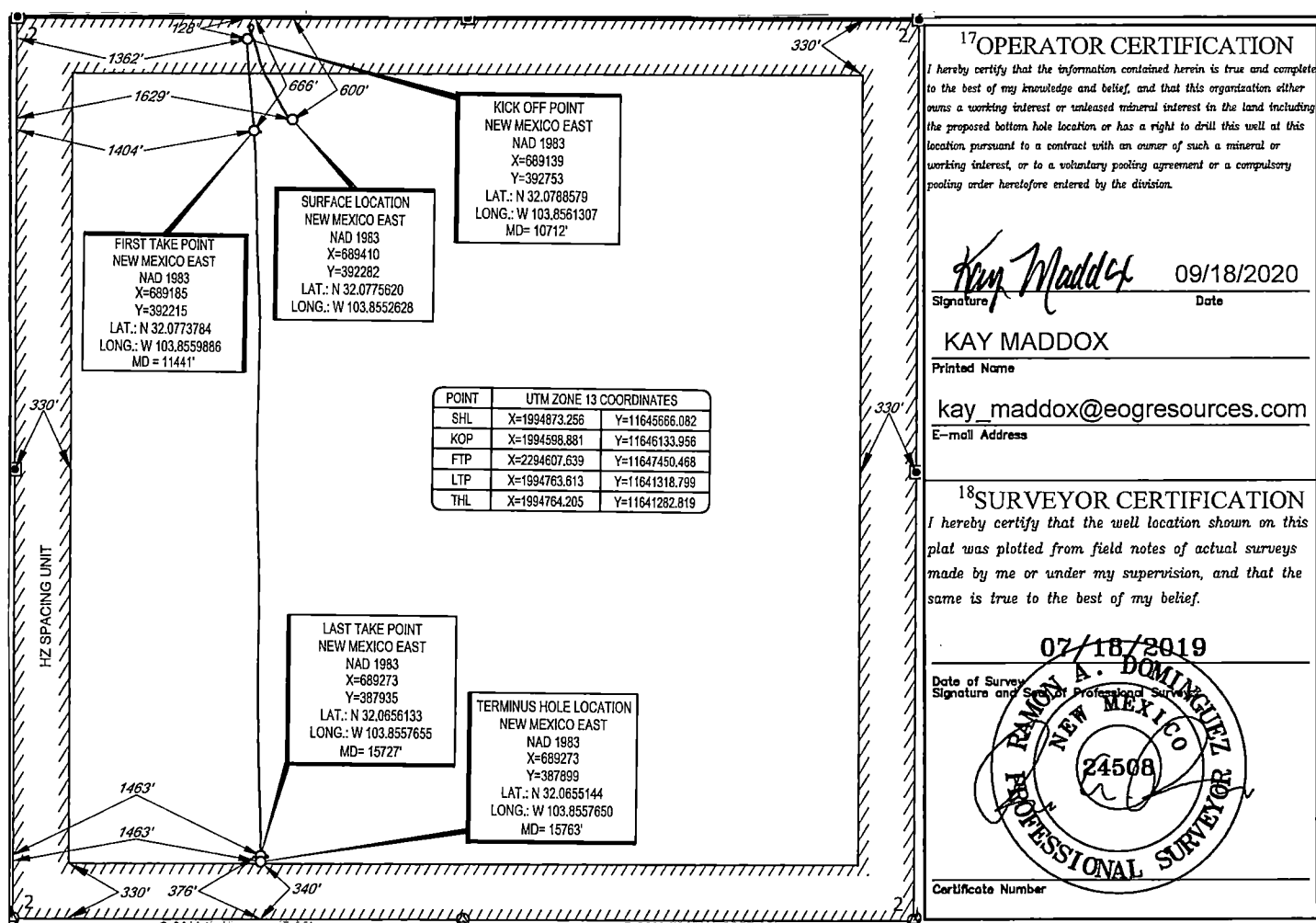
UL or lot no. C	Section 2	Township 26-S	Range 30-E	Lot Idn -	Feet from the 600'	North/South line NORTH	Feet from the 1629'	East/West line WEST	County EDDY
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¹¹Bottom Hole Location If Different From Surface

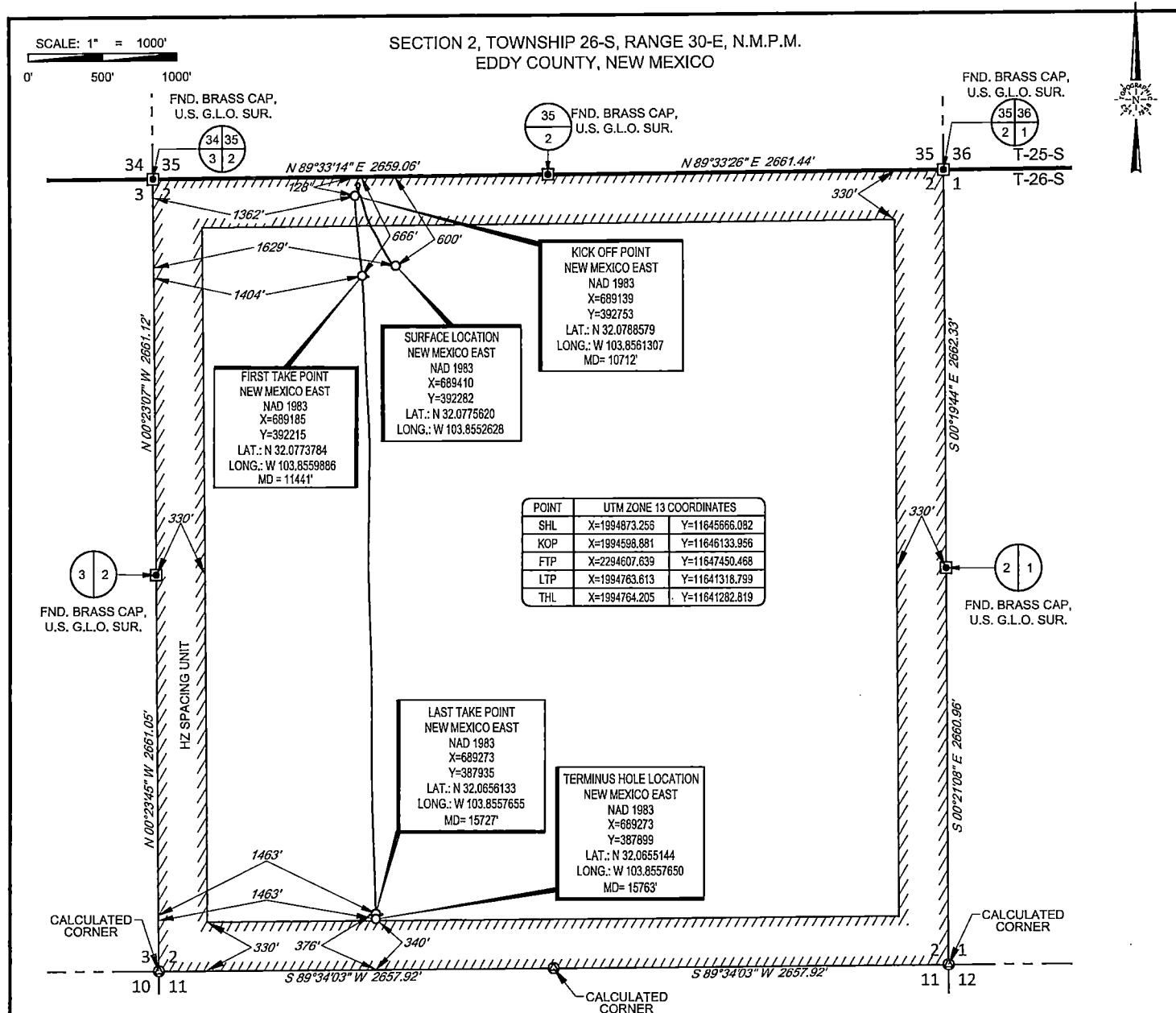
UL or lot no. N	Section 2	Township 26-S	Range 30-E	Lot Idn -	Feet from the 340'	North/South line SOUTH	Feet from the 1463'	East/West line WEST	County EDDY
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¹² Dedicated Acres 640.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



S:\SURVEY\EOG_MIDLAND\QUAIL 2 STATE COM\FINAL_PRODUCTS\LO_QUAIL_2_STATE_706H_REV4.DWG 9/12/2019 7:25:32 AM rdominguez



LEASE NAME & WELL NO.: QUAIL 2 STATE COM #706H

SECTION 2 TWP 26-S RGE 30-E SURVEY N.M.P.M.

COUNTY EDDY STATE NM ELEVATION 3212'

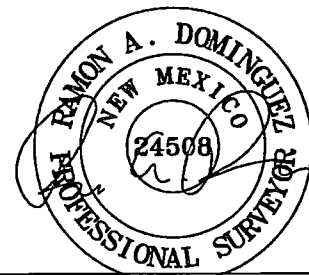
DESCRIPTION 600' FNL & 1629' FWL



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) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

eog resources, inc.



Ramon A. Dominguez, P.S. No. 24508
MARCH 23, 2020

QUAIL 2 STATE COM #706H
AS-COMplete

REVISION:

DATE: 3/23/2020

FILE: AD_QUAIL_2_STATE_COM_706H

DRAWN BY: GLH

SHEET: 1 OF 1

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.

Intent ☐ As Drilled ☒ XXX

API # 30-025-46275		
Operator Name: EOG RESOURCES, INC	Property Name: QUAIL 2 STATE COM	Well Number 706H

Kick Off Point (KOP)

UL C	Section 2	Township 26S	Range 30E	Lot	Feet 128	From N/S NORTH	Feet 1362	From E/W WEST	County EDDY
Latitude 32.0788579					Longitude 103.8561307			NAD 1983	

First Take Point (FTP)

UL C	Section 2	Township 26S	Range 30E	Lot	Feet 666	From N/S NORTH	Feet 1404	From E/W WEST	County EDDY
Latitude 32.0773784					Longitude 103.8559886			NAD 1983	

Last Take Point (LTP)

UL N	Section 2	Township 26S	Range 30E	Lot	Feet 376	From N/S SOUTH	Feet 1463	From E/W WEST	County EDDY
Latitude 32.0656133					Longitude 103.8557655			NAD 1983	

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

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

API # 30-025-45793		
Operator Name: EOG RESOURCES, INC	Property Name: QUAIL 2 STATE COM	Well Number #707H

KZ 06/29/2018



EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Quail 2 State Com

#706H

OH

Design: OH

Midland PVA

01 December, 2019



Midland PVA

Company:	Eog Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3235.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3235.0usft
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Project	Eddy 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:	Quail 2 State Com		
Site Position:		Northing:	392,709.00 usft
From:	Map	Easting:	692,792.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 4' 43.295 N
		Longitude:	103° 50' 39.610 W
		Grid Convergence:	0.26 °

Well		#706H				
Well Position	+N-S	0.0 usft	Northing:	392,282.00 usft	Latitude:	32° 4' 39.220 N
	+E-W	0.0 usft	Easting:	689,410.00 usft	Longitude:	103° 51' 18.941 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,213.0 usft

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/20/2019	6.81	59.85	47,573.96911322

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	182.22	

Survey Program		Date 12/1/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
196.0	15,763.0	Total Directional (OH)	MWD	OWSG MWD - Standard

12/1/2019 9:35:54AM

Page 2

COMPASS 5000.15 Build 91



Midland PVA

Company:	Eog Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3235.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3235.0usft
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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
196.0	0.50	272.10	196.0	0.0	-0.9	0.26	0.26	0.00	-0.9	0.0
316.0	0.70	284.70	316.0	0.2	-2.1	0.20	0.17	10.50	-2.1	0.3
508.0	0.90	253.60	508.0	0.1	-4.7	0.24	0.10	-16.20	-4.4	-1.4
698.0	2.00	235.10	698.9	-2.2	-8.8	0.62	0.58	-9.69	-8.5	-3.2
889.0	2.30	314.50	888.8	-1.4	-14.3	1.45	0.16	41.79	-9.2	11.0
1,080.0	2.30	314.40	1,079.7	3.9	-19.8	0.00	0.00	-0.05	-16.9	11.0
1,272.0	1.60	326.10	1,271.5	8.8	-24.0	0.42	-0.36	6.09	-20.7	15.0
1,463.0	8.40	327.80	1,461.7	22.9	-32.9	3.56	3.56	0.89	-32.8	16.3
1,654.0	11.00	332.50	1,650.0	50.9	-48.8	1.42	1.36	2.46	-47.1	21.1
1,844.0	10.50	329.50	1,836.6	81.8	-65.9	0.39	-0.26	-1.58	-57.8	20.5
1,939.0	9.30	325.70	1,930.2	95.6	-74.7	1.44	-1.26	-4.00	-62.4	18.4
2,130.0	10.90	332.50	2,118.3	124.4	-91.7	1.04	0.84	3.56	-66.7	28.9
2,320.0	9.90	337.80	2,305.1	155.5	-106.2	0.73	-0.53	2.79	-71.7	35.7
2,511.0	8.40	331.40	2,493.7	182.9	-119.0	0.95	-0.79	-3.35	-79.0	27.7
2,702.0	6.90	333.00	2,683.0	205.4	-130.9	0.79	-0.79	0.84	-77.0	31.6
2,892.0	9.10	329.70	2,871.1	228.5	-143.7	1.18	1.16	-1.74	-78.8	29.3
3,083.0	7.70	328.10	3,060.1	252.5	-158.1	0.74	-0.73	-0.84	-81.2	30.3
3,273.0	3.30	335.00	3,249.2	268.2	-167.1	2.34	-2.32	3.63	-68.5	41.7
3,464.0	7.50	339.00	3,439.3	284.8	-173.9	2.21	2.20	2.09	-56.9	45.2
3,655.0	4.80	338.40	3,629.2	303.9	-181.3	1.41	-1.41	-0.31	-51.2	43.3
3,845.0	7.10	335.30	3,818.1	322.0	-189.2	1.22	1.21	-1.63	-46.6	40.3
4,035.0	10.90	344.70	4,005.8	350.0	-198.8	2.14	2.00	4.95	-43.0	45.1
4,226.0	11.60	344.90	4,193.1	385.9	-208.6	0.37	0.37	0.10	-54.0	41.2
4,416.0	10.60	342.40	4,379.5	421.0	-218.8	0.58	-0.53	-1.32	-66.1	34.9
4,606.0	11.00	338.60	4,566.2	454.6	-230.7	0.43	0.21	-2.00	-77.5	28.1
4,797.0	10.70	334.70	4,753.8	487.6	-245.0	0.42	-0.16	-2.04	-88.7	22.1

12/12/2019 9:35:54AM Page 4 COMPASS 5000.15 Build 91

4,987.0	8.40	342.00	4,941.1	516.7	-256.8	1.37	-1.21	3.84	-90.4	32.4
5,178.0	6.90	3.00	5,130.5	541.5	-260.5	1.65	-0.79	10.99	-73.8	55.2
5,368.0	4.40	71.60	5,319.7	555.2	-253.0	3.52	-1.32	36.11	10.0	73.2
5,559.0	2.20	132.90	5,510.4	555.0	-243.3	2.02	-1.15	32.09	37.6	21.9
5,749.0	2.40	149.50	5,700.3	549.1	-238.7	0.36	0.11	8.74	14.8	8.9
5,940.0	0.60	161.00	5,891.2	544.7	-236.3	0.95	-0.94	6.02	3.6	7.2
5,961.9	0.61	165.60	5,913.1	544.5	-236.2	0.24	0.04	21.93	3.9	6.9
6,131.0	0.80	194.80	6,082.2	542.5	-236.3	0.24	0.11	17.15	4.8	4.6
6,321.0	1.20	192.00	6,272.2	539.2	-237.1	0.21	0.21	-1.47	1.2	4.8
6,512.0	1.40	193.60	6,463.1	535.0	-238.0	0.11	0.10	0.84	-3.0	4.8
6,703.0	1.80	207.70	6,654.0	530.1	-240.0	0.29	0.21	7.38	-7.0	5.9
6,893.0	1.50	210.60	6,844.0	525.3	-242.6	0.16	-0.16	1.53	-12.1	6.4
7,084.0	1.60	203.00	7,034.9	520.7	-244.9	0.12	0.05	-3.98	-18.0	4.5
7,275.0	2.20	198.30	7,225.8	514.8	-247.1	0.32	0.31	-2.46	-24.6	2.7
7,466.0	2.40	197.60	7,416.6	507.5	-249.5	0.11	0.10	-0.37	-32.3	2.4
7,657.0	2.30	207.00	7,607.5	500.2	-252.4	0.21	-0.05	4.92	-39.3	8.3
7,847.0	1.90	201.90	7,797.3	493.9	-255.3	0.23	-0.21	-2.68	-46.8	4.4
8,038.0	1.50	222.60	7,988.3	489.1	-258.2	0.38	-0.21	10.84	-47.7	21.8
8,229.0	1.10	195.80	8,179.2	485.5	-260.4	0.38	-0.21	-14.03	-56.5	-3.2
8,419.0	0.80	308.40	8,369.2	484.6	-261.9	0.84	-0.16	59.26	18.2	55.0
8,610.0	2.00	224.70	8,560.1	483.1	-263.3	1.08	0.63	-43.82	-56.2	22.8
8,800.0	2.30	201.90	8,750.0	477.2	-269.1	0.47	0.16	-12.00	-67.5	-2.1
8,991.0	1.70	210.70	8,940.9	471.2	-272.0	0.35	-0.31	4.61	-73.6	8.9
9,182.0	2.50	299.80	9,131.8	470.8	-277.0	1.57	0.42	46.65	3.5	76.6
9,372.0	1.80	328.10	9,321.7	475.4	-282.2	0.66	-0.37	14.89	32.7	67.7
9,562.0	1.20	112.80	9,511.6	477.2	-281.9	1.51	-0.32	76.16	12.9	-72.5

Company:	EOG Resources - Midland
Project:	Eddy County, NM (NAD 83 NME)
Site:	Quail 2 State Com
Well:	#706H
Wellbore:	OH
Design:	OH
Local Co-ordinate Reference:	Well #706H
TVD Reference:	KB = 22' @ 3235.0usft
North Reference:	Grid
Survey Calculation Method:	Minimum Curvature
Database:	EDM

Midland PVA





Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3235.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3235.0usft
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
9,753.0	1.30	139.20	9,702.6	474.7	-278.7	0.30	0.05	13.82	-24.7	-69.8
9,943.0	1.50	21.20	9,892.6	475.4	-276.4	1.26	0.11	-62.11	71.7	9.1
10,134.0	2.70	22.80	10,083.4	481.9	-273.7	0.63	0.63	0.84	64.9	7.1
10,325.0	2.00	12.40	10,274.3	489.3	-271.3	0.43	-0.37	-5.45	54.8	17.9
10,491.0	1.70	349.10	10,440.2	494.6	-271.1	0.48	-0.18	-14.04	38.1	37.0
10,530.0	1.70	343.20	10,479.2	495.7	-271.4	0.45	0.00	-15.13	33.0	40.7
10,625.0	6.60	172.90	10,574.0	491.6	-271.1	8.72	5.16	-179.26	-43.3	-34.9
10,712.0	21.46	181.34	10,658.2	470.6	-270.9	17.19	17.08	9.70	-68.3	-29.0
KOP, MD:10712.0' TVD:10658.2' N/S:470.6' E/W:-270.9' INC:21.46										
10,721.0	23.00	181.60	10,666.5	467.2	-271.0	17.19	17.16	2.88	-71.8	-29.0
10,816.0	34.50	178.10	10,749.7	421.6	-270.6	12.23	12.11	-3.68	-107.4	-35.4
10,912.0	38.50	174.60	10,826.8	364.7	-266.9	4.70	4.17	-3.65	-134.3	-41.1
11,007.0	42.40	175.60	10,899.1	303.3	-261.6	4.16	4.11	1.05	-144.5	-37.8
11,055.4	49.96	174.76	10,932.6	268.5	-258.7	15.67	15.62	-1.73	-143.4	-38.9
FTP Crossing, MD:11055.4' TVD:10932.6' N/S:268.5' E/W:-258.7' INC:49.96										
11,103.0	57.40	174.10	10,960.8	230.4	-255.0	15.67	15.63	-1.39	-141.9	-38.7
11,175.2	58.54	174.33	10,999.1	169.4	-248.8	1.60	1.58	0.32	-132.5	-37.2
FTP(Quail 2 State #706H)										
11,198.0	58.90	174.40	11,010.9	150.1	-246.9	1.60	1.58	0.31	-126.7	-37.1
11,293.0	60.50	173.30	11,058.8	68.5	-238.1	1.96	1.68	-1.16	-89.5	-36.7
11,389.0	67.50	174.20	11,100.9	-17.2	-228.7	7.34	7.29	0.94	-47.5	-30.4
11,429.0	74.70	175.80	11,113.8	-54.9	-225.4	18.39	18.00	4.00	-35.1	-28.9
11,484.0	77.00	176.00	11,127.3	-108.1	-221.6	4.20	4.18	0.36	-21.5	-23.2
11,579.0	83.70	176.70	11,143.2	-201.5	-215.7	7.09	7.05	0.74	-5.6	-17.5
11,675.0	88.40	177.90	11,149.8	-297.1	-211.2	5.05	4.90	1.25	1.3	-13.6
11,770.0	88.90	177.90	11,152.1	-392.0	-207.7	0.53	0.53	0.00	3.9	-10.7
11,865.0	89.00	178.20	11,153.8	-486.9	-204.4	0.33	0.11	0.32	6.0	-8.1



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3235.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3235.0usft
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Bulld (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
11,960.0	88.80	178.00	11,155.6	-581.9	-201.3	0.30	-0.21	-0.21	8.3	-5.6
12,056.0	90.20	178.60	11,156.5	-677.8	-198.4	1.59	1.46	0.62	9.5	-3.4
12,151.0	90.90	177.20	11,155.5	-772.8	-195.0	1.65	0.74	-1.47	8.9	-0.6
12,247.0	90.80	176.80	11,154.1	-868.6	-189.9	0.43	-0.10	-0.42	7.9	3.8
12,342.0	91.20	176.90	11,152.5	-963.5	-184.7	0.43	0.42	0.11	6.6	8.4
12,438.0	92.00	177.40	11,149.8	-1,059.3	-179.9	0.98	0.83	0.52	4.4	12.5
12,533.0	93.20	178.00	11,145.5	-1,154.1	-176.1	1.41	1.26	0.63	0.4	15.7
12,628.0	92.80	181.10	11,140.5	-1,249.0	-175.4	3.29	-0.42	3.26	-4.2	15.8
12,724.0	92.40	181.00	11,136.1	-1,344.9	-177.2	0.43	-0.42	-0.10	-8.1	13.4
12,819.0	93.10	181.00	11,131.6	-1,439.7	-178.8	0.74	0.74	0.00	-12.3	11.1
12,914.0	92.00	180.50	11,127.4	-1,534.6	-180.1	1.27	-1.16	-0.53	-16.2	9.2
13,010.0	90.10	179.80	11,125.6	-1,630.6	-180.3	2.11	-1.98	-0.73	-17.5	8.3
13,105.0	93.50	181.20	11,122.6	-1,725.5	-181.1	3.87	3.58	1.47	-20.1	6.8
13,234.0	86.70	181.50	11,122.4	-1,854.4	-184.2	5.28	-5.27	0.23	-19.8	2.9
13,296.0	85.10	180.70	11,126.8	-1,916.3	-185.4	2.88	-2.58	-1.29	-15.1	1.3
13,391.0	87.50	178.90	11,133.0	-2,011.1	-185.0	3.16	2.53	-1.89	-8.6	1.0
13,439.0	89.40	178.80	11,134.3	-2,059.0	-184.1	3.96	3.96	-0.21	-7.1	1.6
13,582.0	88.60	178.50	11,136.7	-2,202.0	-180.7	0.60	-0.56	-0.21	-4.1	4.0
13,678.0	89.50	177.60	11,138.3	-2,297.9	-177.4	1.33	0.94	-0.94	-2.1	6.7
13,773.0	88.80	177.40	11,139.7	-2,392.8	-173.3	0.77	-0.74	-0.21	-0.3	10.2
13,868.0	87.90	177.90	11,142.5	-2,487.7	-169.4	1.08	-0.95	0.53	2.8	13.4
13,964.0	89.00	178.10	11,145.1	-2,583.6	-166.0	1.16	1.15	0.21	5.8	16.1
14,059.0	92.50	180.10	11,143.8	-2,678.5	-164.5	4.24	3.68	2.11	4.9	17.0
14,154.0	92.90	179.50	11,139.4	-2,773.4	-164.2	0.76	0.42	-0.63	0.9	16.7
14,249.0	93.60	179.70	11,134.0	-2,868.3	-163.6	0.77	0.74	0.21	-4.1	16.7
14,345.0	88.90	180.10	11,131.9	-2,964.2	-163.4	4.91	-4.90	0.42	-5.8	16.2
14,440.0	89.10	180.30	11,133.5	-3,059.2	-163.7	0.30	0.21	0.21	-3.8	15.2

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COMPASS 5000.15 Build 91



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3235.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3235.0usft
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,535.0	89.90	180.60	11,134.4	-3,154.2	-164.5	0.90	0.84	0.32	-2.6	13.8
14,631.0	90.60	180.60	11,133.9	-3,250.2	-165.5	0.73	0.73	0.00	-2.6	12.2
14,683.0	89.30	179.30	11,134.0	-3,302.2	-165.4	3.54	-2.50	-2.50	-2.4	11.9
14,821.0	89.90	178.30	11,135.0	-3,440.2	-162.5	0.85	0.43	-0.72	-0.9	13.8
14,916.0	91.80	179.10	11,133.5	-3,535.1	-160.4	2.17	2.00	0.84	-1.9	15.3
15,011.0	89.80	178.10	11,132.2	-3,630.1	-158.1	2.35	-2.11	-1.05	-2.8	17.0
15,107.0	90.60	177.80	11,131.9	-3,726.0	-154.6	0.89	0.83	-0.31	-2.8	19.8
15,202.0	90.90	177.90	11,130.6	-3,820.9	-151.1	0.33	0.32	0.11	-3.6	22.7
15,297.0	89.40	178.00	11,130.4	-3,915.9	-147.7	1.58	-1.58	0.11	-3.5	25.5
15,393.0	89.40	178.00	11,131.4	-4,011.8	-144.3	0.00	0.00	0.00	-2.1	28.2
15,488.0	89.50	178.00	11,132.3	-4,106.7	-141.0	0.11	0.11	0.00	-0.8	30.9
15,584.0	89.70	178.80	11,133.0	-4,202.7	-138.3	0.86	0.21	0.83	0.3	32.9
15,679.0	90.00	179.50	11,133.2	-4,297.7	-136.9	0.80	0.32	0.74	0.9	33.7
Last MWD Survey (MD=15679.0)										
15,763.0	90.00	179.50	11,133.2	-4,381.7	-136.2	0.00	0.00	0.00	1.2	33.8
Projection to Bit (MD=15763.0) - PBHL(Quail 2 State #706H)										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,712.0	10,658.2	470.6	-270.9	KOP, MD:10712.0', TVD:10658.2', N/S:470.6', EW:-270.9', INC:21.46
11,055.4	10,932.6	268.5	-258.7	FTP Crossing, MD:11055.4', TVD:10932.6', N/S:268.5', EW:-258.7', INC:49.96
15,679.0	11,133.2	-4,297.7	-136.9	Last MWD Survey (MD=15679.0')
15,763.0	11,133.2	-4,381.7	-136.2	Projection to Bit (MD=15763.0')

Checked By: _____ Approved By: _____ Date: _____

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COMPASS 5000.15 Build 91

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

Kay Maddox
Signed

9/18/20
Date



Eddy County, NM (NAD 83 NME)

Quail 2 State Com #706H

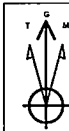
Plan #2

PROJECT DETAILS: Eddy 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: #706H

KB = 22' @ 3235.0usft 3213.0
 Northing 392282.00 Easting 689410.00 Latitude 32° 4' 39.220 N Longitude 103° 51' 18.541 W



Azimuths to Grid North
 True North: -0.25°
 Magnetic North: 6.56°

Magnetic Field
 Strength: 47574.0nT
 Dip Angle: 59.85°
 Date: 11/20/2019
 Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.56°
 To convert a Magnetic Direction to a True Direction, Add 6.81° East
 To convert a True Direction to a Grid Direction, Subtract 0.25°

SECTION DETAILS

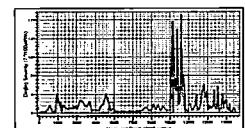
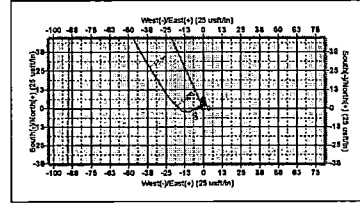
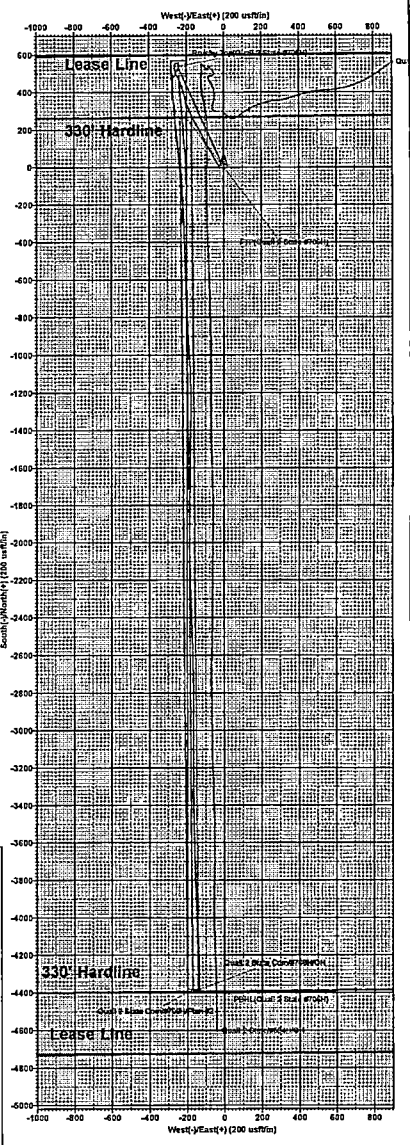
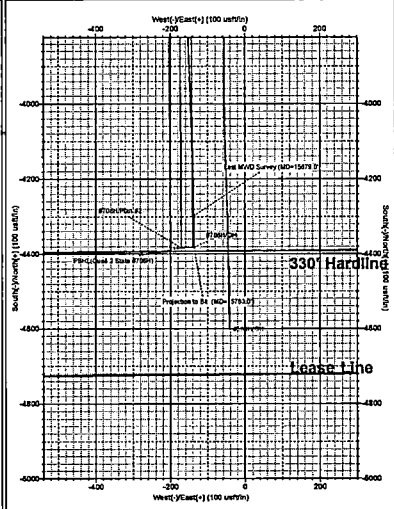
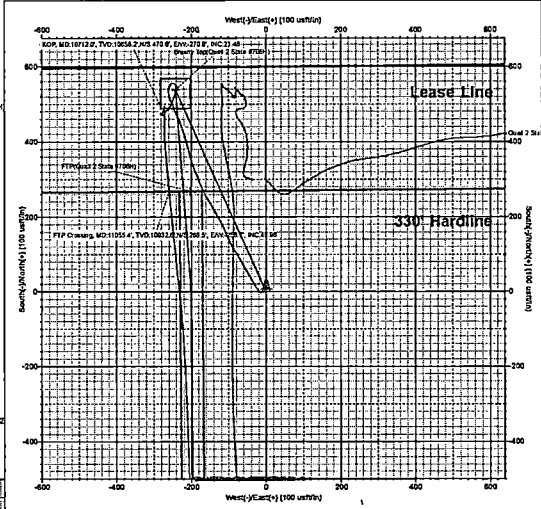
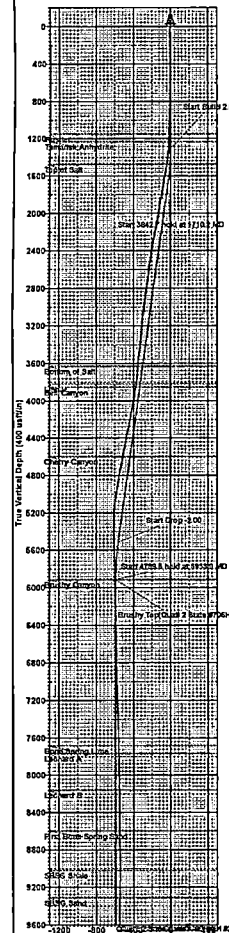
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1310.0	0.00	0.00	1310.0	0.0	0.0	0.00	0.00	0.0	
3	1710.2	8.00	335.82	1708.9	25.5	-11.4	2.00	335.82	-25.0	
4	5552.9	8.00	335.82	5514.1	513.5	-230.6	0.00	0.00	-504.2	
5	5953.0	0.00	0.00	5913.0	539.0	-242.0	2.00	160.00	-529.2	
6	10712.5	0.00	0.00	10672.5	539.0	-242.0	0.00	0.00	-529.2	
7	11464.4	90.23	175.55	11150.0	61.1	-204.8	12.00	175.55	-53.1	
8	11599.9	90.23	179.61	11149.4	-74.2	-199.1	3.00	89.97	81.9	
9	15908.8	90.23	179.61	11132.0	-4383.0	-170.0	0.00	0.00	4386.3	PBHL(Quail 2 State #706H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
PBHL(Quail 2 State #706H)	11132.0	-4383.0	-170.0	397899.00	689240.00
Brushy Top(Quail 2 State #706H)	5913.0	539.0	-242.0	392921.00	689168.00
FTP(Quail 2 State #706H)	11151.0	259.0	-202.0	392551.00	689208.00



Scale: 1 inch = 100 feet
 Date: 11/20/2019
 User: J. J. J.

NMOCD Rec'd: 9/24/2020

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011		
		1. WELL API NO.			30-015-46275		
		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN					
		3. State Oil & Gas Lease No.					
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 QUAIL 2 STATE COM			
				6. Well Number: 706H			
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 PURPLE SAGE; WOLFCAMP (GAS)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:	C	2	26S	30E		600	
BH:	N	2	26S	30E		340	
13. Date Spudded 11/07/2019	14. Date T.D. Reached 11/28/2019	15. Date Rig Released 11/29/2019		16. Date Completed (Ready to Produce) 09/07/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3212' GR	
18. Total Measured Depth of Well MD 15,763' TVD 11,133'		19. Plug Back Measured Depth MD 15,727' TVD 11,133"		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None	
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP 11,441 - 15,727'							
CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
9 5/8"	40# J-55	1,183'	12 1/4"	700 CL C/CIRC			
7 5/8"	29.7# ECP 110	10,543	8 3/4"	1565 CL C & H/SURF			
5 1/2"	20# HCP 110	15,763'	6 3/4"	515 CL H TOC 7696	CBL		
24. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD		
					SIZE	DEPTH SET	
						PACKER SET	
26. Perforation record (interval, size, and number) 11,441 - 15,727' 3 1/8", 840 HOLES				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,441-15,727' FRAC W/10,777,078 lbs proppant, 165,554 bbls load fld			
PRODUCTION							
28. Date First Production 09/07/2020		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 09/14/2020	Hours Tested 24	Choke Size 36	Prod'n For Test Period	Oil - Bbl 1197	Gas - MCF 4836	Water - Bbl. 3606	
Flow Tubing Press.	Casing Pressure 2412	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 49	
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, Gas Capture							
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							
33. If an on-site burial was used at the well, report the exact location of the on-site burial:							
Latitude _____ Longitude _____ NAD 1927 1983							
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature Kay Maddox			Printed Name Kay Maddox		Title Senior Regulatory Specialist		
E-mail Address kay_maddox@eogresources.com			Date 09/21/2020				

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	1149'	T. Canyon	Brushy	5913"	T. Ojo Alamo	T. Penn A"
T. Salt		1473"	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		3626'	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	8601'		T. Entrada	
T. Wolfcamp	10,973"		T. 2nd BS Sand	9311'		T. Wingate	
T. Penn			T. 3rd BS Sand	10,584"		T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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

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

CONDITIONS

Action 13444

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	13444	Action Type:	C-104C
OCD Reviewer									Condition
abustamante									None