

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable New Well and Recompleted Well

Amend C-104

- ☒ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner
 - ☒ Tbg. exception Sundry
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☒ Directional Survey Certified
 - ☒ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent) Amend C-103
- ☒ C-105 Completion Report (or BLM equivalent) Amend C-105
- ☐ All Logs Run on Well

If you have any questions please contact the local OCD District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II 1811 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

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 16 2019

Form C-104

Revised August 1, 2011

Oil Conservation Division

Submit on **RECEIVED** to appropriate District Office1220 South St. Francis Dr.
Santa Fe, NM 87505☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date NW 09/16/2019
⁴ API Number 30 - 015-45787	⁵ Pool Name WILDCAT G-015 S2630010; BONE SPRING	⁶ Pool Code 97814
⁷ Property Code 325165	QUAIL 2 STATE COM	⁹ Well Number 581H

II. ¹⁰ Surface Location

UL or lot no. A	Section 02	Township 26S	Range 30E	Lot Idn	Feet from the 200'	North/South NORTH	Feet from the 306'	East/West line EAST	County EDDY
--------------------	---------------	-----------------	--------------	---------	-----------------------	----------------------	-----------------------	------------------------	----------------

¹¹ Bottom Hole Location

UL or lot no. P	Section 02	Township 26S	Range 30E	Lot Idn	Feet from the 107'	North/South SOUTH	Feet from the 328'	East/West line EAST	County 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 SRVICES, LLC	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 05/29/2019	²² Ready Date 09/16/2019	²³ TD 15,185'	²⁴ PBT 15,185'	²⁵ Perforations 10,360-15,185'	²⁶ DHC, MC
²⁷ Hole Size 17 1/2"	²⁸ Casing & Tubing Size 13 3/8"	²⁹ Depth Set 1,129'	³⁰ Sacks Cement 1145 SXS CL C/CIRC		
12 1/4"	9 5/8"	3,818'	1330 SXS CL C/CIRC		
8 3/4"	5 1/2"	15,129'	1680 SXS CL H/TOC 3660' CBL		

V. Well Test Data

³¹ Date New Oil 09/16/2019	³² Gas Delivery Date 09/16/2019	³³ Test Date 09/22/2019	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1023
³⁷ Choke Size 90	³⁸ Oil 2584 BOPD	³⁹ Water 5916 BWPD	⁴⁰ Gas 7820 MCFPD		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:

Regulatory Analyst

E-mail Address:

Kay_Maddox@eogresources.com

Date:

10/15/2019

Phone:

432-686-3658

OIL CONSERVATION DIVISION

Approved

DENIED

Title:

See Attached Cover Sheet

Approval

*Hdg. Size & Class Missing

NM OIL CONSERVATION
ARTESIA DISTRICT

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

OCT 16 2019

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

RECEIVED

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45787		² Pool Code 97814		³ Pool Name WILDCAT G-015 S2630010; BONE SPRING	
⁴ Property Code 325165		⁵ Property Name QUAIL 2 STATE COM			⁶ Well Number 581H
⁷ GRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3243'

¹⁰Surface Location

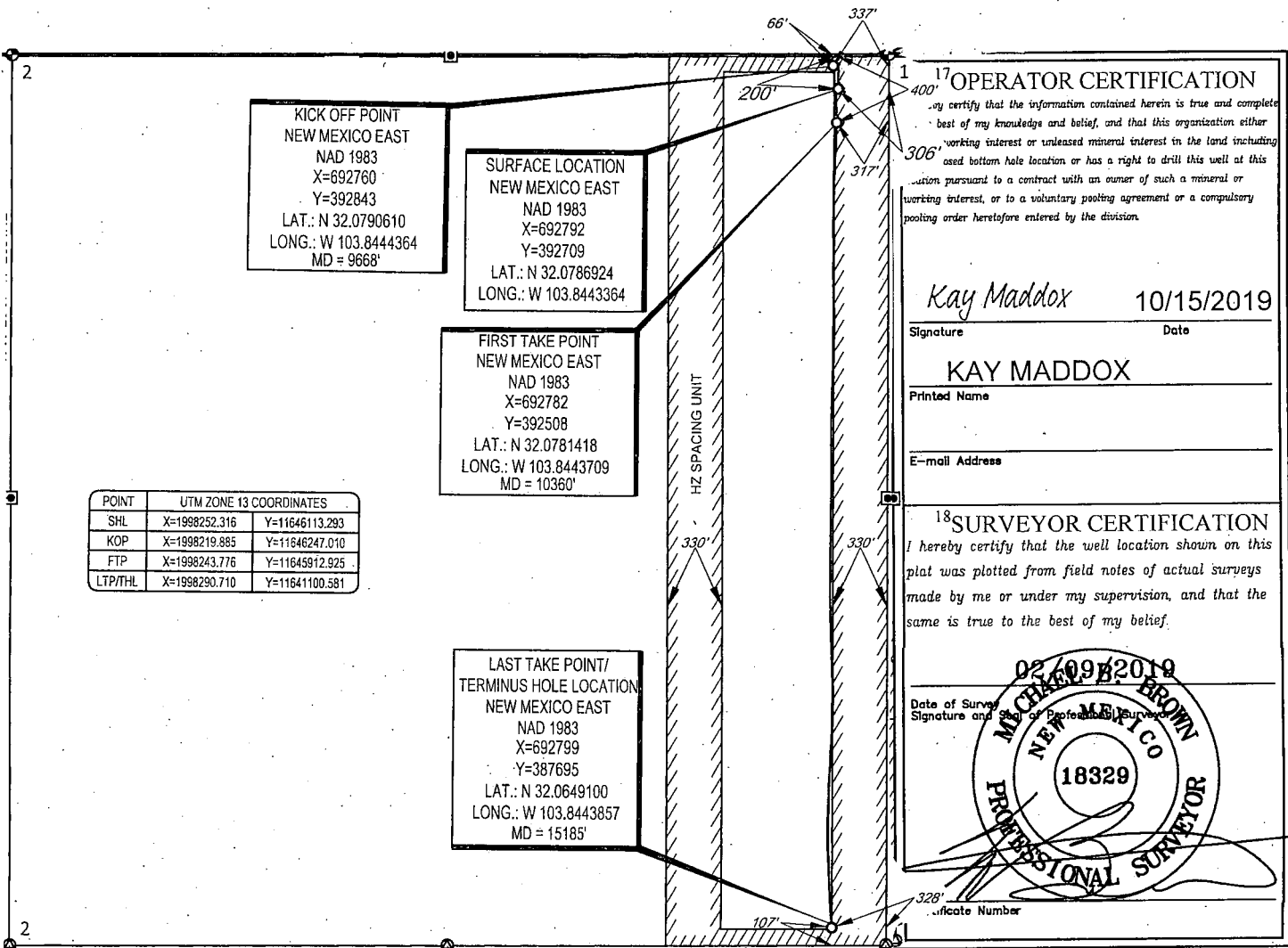
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	26-S	30-E	-	200'	NORTH	306'	EAST	EDDY

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	30-E	-	107'	SOUTH	328'	EAST	EDDY

¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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



OCT 16 2019

Intént ☐ As Drilled ☐ XXX

RECEIVED

API # 30-015-45787		
Operator Name: EOG RESOURCES, INC	Property Name: QUAIL 2 STATE COM	Well Number 581H

Kick Off Point (KOP)

UL A	Section 2	Township 26S	Range 30E	Lot	Feet 66	From N/S NORTH	Feet 337	From E/W EAST	County LEA
Latitude 32.0790610					Longitude 103.8444364			NAD 1983	

First Take Point (FTP)

UL A	Section 2	Township 26S	Range 30E	Lot	Feet 400	From N/S NORTH	Feet 317	From E/W EAST	County LEA
Latitude 32.0781418					Longitude 103.8443709			NAD 1983	

Last Take Point (LTP)

UL P	Section 2	Township 26S	Range 30E	Lot	Feet 107	From N/S SOUTH	Feet 328	From E/W EAST	County LEA
Latitude 32.0649100					Longitude 103.8443857			NAD 1983	

Is this well the defining well for the Horizontal Spacing Unit?

YES

Is 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

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 16 2019

RECEIVED



EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Quail 2 State Com

#581H

OH

Design: OH

Midland PVA

10 June, 2019



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0usft
Site:	Quail 2 State Corn	MD Reference:	KB = 25 @ 3268.0usft
Well:	#581H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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 Corn		
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:	#581H			
Well Position	+N-S	0.0 usft	Northing:	392,709.00 usft
	+E-W	0.0 usft	Easting:	692,792.00 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft
			Ground Level:	3,243.0 usft

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2015	3/5/2019	6.88	59.86	47,648.41244324

Design:	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	
		Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	179.93

Survey Program:	Date: 6/10/2019			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
130.0	15,185.0	Total MWD (OH)	MWD	OWSG MWD - Standard



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 25 @ 3268.0usft
Well:	#581H	North Reference:	Gnd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
130.0	0.00	0.00	130.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
180.0	0.10	111.30	180.0	0.0	0.0	0.20	0.20	0.00	0.0	0.0
358.0	0.30	128.30	358.0	-0.4	0.6	0.12	0.11	9.55	-0.7	0.1
536.0	0.30	121.50	536.0	-0.9	1.3	0.02	0.00	-3.82	-1.6	-0.1
631.0	0.10	93.80	631.0	-1.0	1.6	0.23	-0.21	-29.16	-1.7	-0.9
787.0	0.70	16.40	787.0	-0.1	2.0	0.44	0.38	-49.62	-0.4	-2.0
974.0	1.50	64.60	974.0	2.0	4.5	0.62	0.43	25.78	-5.0	-0.1
1,074.0	1.90	76.70	1,073.9	3.0	7.3	0.54	0.40	12.10	-7.8	1.2
1,254.0	2.70	116.40	1,253.8	1.8	14.0	0.96	0.44	22.06	-11.8	7.8
1,347.0	2.80	115.90	1,346.7	-0.2	18.1	0.11	0.11	-0.54	-16.3	7.7
1,440.0	2.20	118.70	1,439.6	-2.0	21.7	0.66	-0.65	3.01	-20.0	8.6
1,534.0	1.40	124.50	1,533.5	-3.6	24.2	0.87	-0.85	6.17	-22.0	10.8
1,627.0	0.20	229.20	1,626.5	-4.3	25.0	1.57	-1.29	112.58	16.1	19.6
1,817.0	0.10	164.60	1,816.5	-4.7	24.8	0.10	-0.05	-34.00	-11.1	22.7
1,912.0	0.30	186.40	1,911.5	-5.0	24.8	0.22	0.21	22.95	-2.2	25.2
2,100.0	0.80	162.60	2,099.5	-6.8	25.1	0.29	0.27	-12.66	-14.0	22.0
2,195.0	1.00	162.90	2,194.5	-8.2	25.6	0.21	0.21	0.32	-15.3	22.0
2,290.0	1.10	133.80	2,289.5	-9.6	26.5	0.56	0.11	-30.63	-25.8	11.4
2,384.0	0.90	134.30	2,383.5	-10.7	27.7	0.21	-0.21	0.53	-27.3	11.6
2,479.0	0.70	116.10	2,478.5	-11.5	28.7	0.34	-0.21	-19.16	-30.8	2.3
2,573.0	0.80	120.00	2,572.5	-12.1	29.8	0.12	0.11	4.15	-31.9	4.4
2,667.0	0.80	169.20	2,666.5	-13.1	30.5	0.71	0.00	52.34	-18.6	27.5
2,762.0	1.00	215.00	2,761.4	-14.4	30.1	0.76	0.21	48.21	5.5	32.9
2,856.0	0.90	221.20	2,855.4	-15.6	29.2	0.15	-0.11	6.60	7.4	32.3
2,951.0	0.80	218.90	2,950.4	-16.7	28.3	0.11	-0.11	-2.42	4.7	32.5
3,046.0	0.40	217.50	3,045.4	-17.5	27.6	0.42	-0.42	-1.47	3.0	32.6



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0usft
Site:	Quail 2 State Corn	MD Reference:	KB = 25 @ 3268.0usft
Well:	#581H	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)	Buld (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
3,141.0	0.20	348.10	3,140.4	-17.6	27.4	0.58	-0.21	137.47	22.9	-23.2
3,235.0	0.70	63.50	3,234.4	-17.2	27.9	0.72	0.53	80.21	-17.3	-27.8
3,330.0	1.50	80.60	3,329.4	-16.7	29.6	0.90	0.84	18.00	-26.5	-21.3
3,424.0	1.90	76.40	3,423.3	-16.1	32.4	0.45	0.43	-4.47	-27.7	-23.3
3,519.0	1.90	110.30	3,518.3	-16.3	35.4	1.17	0.00	35.68	-38.8	-3.0
3,613.0	2.60	152.10	3,612.2	-18.8	37.8	1.84	0.74	44.47	-34.3	24.7
3,708.0	2.50	169.70	3,707.1	-22.7	39.2	0.83	-0.11	18.53	-29.3	34.5
3,763.0	1.10	218.20	3,762.1	-24.3	39.1	3.55	-2.55	88.18	5.1	45.7
3,878.0	1.30	238.10	3,877.1	-25.8	37.3	0.40	0.17	17.30	18.0	41.7
3,973.0	2.80	313.60	3,972.0	-24.8	34.7	2.92	1.58	79.47	42.7	-5.6
4,068.0	5.30	330.00	4,066.8	-19.4	30.8	2.87	2.63	17.26	35.9	-15.7
4,162.0	6.80	337.90	4,160.3	-10.5	26.6	1.82	1.60	8.40	29.8	-18.4
4,256.0	7.00	335.30	4,253.6	-0.1	22.1	0.39	0.21	-2.77	27.2	-15.2
4,351.0	7.30	335.90	4,347.9	10.6	17.2	0.33	0.32	0.63	23.2	-13.3
4,446.0	7.10	336.80	4,442.1	21.5	12.4	0.24	-0.21	0.95	19.1	-11.6
4,540.0	7.10	335.80	4,535.4	32.2	7.8	0.13	0.00	-1.06	15.6	-9.3
4,635.0	7.20	334.30	4,629.6	42.9	2.8	0.22	0.11	-1.58	11.9	-6.7
4,730.0	6.60	339.50	4,724.0	53.4	-1.7	0.91	-0.63	5.47	8.0	-5.6
4,825.0	5.50	358.70	4,818.4	63.0	-3.7	2.41	-1.16	20.21	4.2	-7.3
4,919.0	5.10	11.70	4,912.0	71.6	-3.0	1.34	-0.43	13.83	1.5	-10.0
5,014.0	5.10	8.50	5,006.7	79.9	-1.5	0.30	0.00	-3.37	1.5	-12.7
5,109.0	4.70	7.80	5,101.3	88.0	-0.4	0.43	-0.42	-0.74	1.5	-15.2
5,204.0	4.70	4.40	5,196.0	95.7	0.5	0.29	0.00	-3.58	2.6	-17.3
5,298.0	4.80	359.80	5,289.7	103.5	0.7	0.42	0.11	-4.89	4.3	-18.7
5,392.0	4.50	358.10	5,383.4	111.1	0.6	0.35	-0.32	-1.81	5.4	-19.7
5,487.0	4.30	355.00	5,478.1	118.4	0.2	0.33	-0.21	-3.26	7.4	-20.3
5,581.0	3.90	353.50	5,571.8	125.1	-0.5	0.44	-0.43	-1.60	9.4	-20.6



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 25 @ 3268.0usft
Well:	#581H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Buile (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
5,677.0	3.30	356.90	5,667.7	131.1	-1.0	0.66	-0.62	3.54	10.5	-21.8	
5,771.0	2.20	10.30	5,761.5	135.5	-0.8	1.35	-1.17	14.26	6.6	-25.2	
5,866.0	1.50	48.50	5,856.5	138.2	0.4	1.45	-0.74	40.21	-11.4	-25.4	
5,961.0	1.70	45.40	5,951.5	140.0	2.4	0.23	0.21	-3.26	-12.4	-26.3	
6,055.0	1.00	23.80	6,045.4	141.7	3.7	0.91	-0.74	-22.98	-4.0	-29.6	
6,150.0	0.90	17.30	6,140.4	143.2	4.2	0.15	-0.11	-6.84	-2.2	-29.9	
6,245.0	0.90	19.60	6,235.4	144.6	4.7	0.04	0.00	2.42	-4.9	-29.8	
6,339.0	0.70	15.50	6,329.4	145.8	5.1	0.22	-0.21	-4.36	-4.0	-30.1	
6,434.0	0.60	27.70	6,424.4	146.8	5.5	0.18	-0.11	12.84	-11.4	-28.5	
6,528.0	0.40	13.60	6,518.4	147.6	5.8	0.25	-0.21	-15.00	-4.9	-30.5	
6,623.0	0.30	3.20	6,613.4	148.2	5.9	0.12	-0.11	-10.95	0.1	-30.9	
6,718.0	0.20	343.10	6,708.4	148.6	5.9	0.14	-0.11	-21.16	10.3	-29.1	
6,813.0	0.30	23.80	6,803.4	149.0	5.9	0.21	0.11	42.84	-11.5	-28.7	
6,907.0	0.30	10.20	6,897.4	149.4	6.1	0.08	0.00	-14.47	-4.9	-30.7	
7,002.0	0.10	133.00	6,992.4	149.6	6.2	0.38	-0.21	129.26	-23.0	21.0	
7,096.0	0.20	177.20	7,086.4	149.4	6.2	0.16	0.11	47.02	-2.1	31.2	
7,191.0	0.10	168.50	7,181.4	149.1	6.3	0.11	-0.11	-9.16	-7.1	30.5	
7,286.0	0.40	195.90	7,276.4	148.7	6.2	0.33	0.32	28.84	7.3	30.3	
7,381.0	0.60	208.70	7,371.4	148.0	5.8	0.24	0.21	13.47	13.1	28.0	
7,476.0	0.90	214.10	7,466.4	146.9	5.2	0.32	0.32	5.68	14.4	26.7	
7,570.0	1.30	211.90	7,560.4	145.4	4.2	0.43	0.43	-2.34	11.5	27.2	
7,664.0	1.60	218.80	7,654.3	143.5	2.8	0.37	0.32	7.34	12.4	25.8	
7,759.0	1.90	221.00	7,749.3	141.3	1.0	0.32	0.32	2.32	10.4	25.3	
7,853.0	1.90	216.10	7,843.2	138.8	-1.0	0.17	0.00	-5.21	5.1	26.0	
7,948.0	1.40	222.60	7,938.2	136.7	-2.7	0.56	-0.53	6.84	5.3	25.4	
8,042.0	1.20	236.40	8,032.2	135.3	-4.3	0.39	-0.21	14.68	9.1	23.7	
8,136.0	1.60	233.60	8,126.1	134.0	-6.2	0.43	0.43	-2.98	5.7	24.1	



Midland PVA

Company: EOG Resources - Midland		Local Co-ordinate Reference:		Well #581H	
Project: Eddy County, NM (NAD 83 NME)		TVD Reference:		KB = 25 @ 3268.0usft	
Site: Quail 2 State Corn		MD Reference:		KB = 25 @ 3268.0usft	
Well: #581H		North Reference:		Grid	
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)	
8,230.0	1.20	253.10	8,220.1	132.9	-8.2	0.66	-0.43	20.74	11.1	21.2	
8,325.0	1.50	253.70	8,315.1	132.3	-10.3	0.32	0.32	0.63	9.1	21.1	
8,420.0	1.60	265.90	8,410.0	131.8	-12.8	0.36	0.11	12.84	10.8	19.0	
8,514.0	1.80	276.20	8,504.0	131.9	-15.6	0.39	0.21	10.96	11.3	17.0	
8,608.0	1.90	262.50	8,598.0	131.9	-18.6	0.48	0.11	-14.57	4.0	18.8	
8,703.0	1.40	318.50	8,692.9	132.5	-20.9	1.70	-0.53	58.95	15.8	8.5	
8,797.0	1.50	321.30	8,786.9	134.4	-22.5	0.13	0.11	2.98	13.8	7.8	
8,892.0	1.70	319.70	8,881.9	136.4	-24.2	0.22	0.21	-1.68	10.9	8.2	
8,986.0	2.00	313.60	8,975.8	138.6	-26.3	0.38	0.32	-6.49	7.0	9.1	
9,081.0	1.90	328.40	9,070.8	141.1	-28.3	0.54	-0.11	15.58	5.9	7.5	
9,175.0	0.80	319.10	9,164.7	142.9	-29.5	1.19	-1.17	-9.89	2.4	8.1	
9,269.0	0.50	246.00	9,258.7	143.2	-30.3	0.86	-0.32	-77.77	-7.6	4.0	
9,364.0	1.00	200.40	9,353.7	142.3	-31.0	0.78	0.53	-48.00	-9.3	-2.9	
9,458.0	1.50	198.50	9,447.7	140.4	-31.7	0.53	0.53	-2.02	-11.3	-3.3	
9,546.0	1.20	183.30	9,535.7	138.3	-32.1	0.53	-0.34	-17.27	-12.0	-6.4	
9,683.0	3.20	169.20	9,672.6	133.2	-31.5	1.50	1.46	-10.29	-15.3	-9.5	
9,730.0	8.60	171.90	9,719.3	128.4	-30.7	11.50	11.49	5.74	-18.0	-8.3	
9,778.0	11.20	172.00	9,766.6	120.2	-29.6	5.42	5.42	0.21	-19.6	-7.4	
9,872.0	17.70	174.10	9,857.6	96.9	-26.8	6.94	6.91	2.23	-18.4	-3.8	
9,966.0	24.80	173.90	9,945.1	63.1	-23.3	7.55	7.55	-0.21	-12.3	0.2	
10,061.0	34.50	173.00	10,027.6	16.4	-17.8	10.22	10.21	-0.95	-4.1	6.0	
10,156.0	43.60	177.00	10,101.3	-43.1	-12.8	9.94	9.58	4.21	4.8	11.2	
10,251.0	47.70	179.50	10,167.7	-111.0	-10.8	4.71	4.32	2.63	18.2	12.8	
10,344.0	59.00	179.10	10,223.1	-185.5	-9.9	12.16	12.15	-0.43	33.1	13.3	
10,391.0	68.40	180.00	10,243.9	-227.6	-9.6	20.07	20.00	1.91	37.6	13.1	
10,439.0	78.30	181.60	10,257.6	-273.5	-10.2	20.87	20.62	3.33	37.9	11.9	
10,533.0	89.70	182.30	10,267.4	-366.8	-13.4	12.15	12.13	0.74	31.7	8.4	



Midland PVA

Company:	Eog Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 25 @ 3268.0usft
Well:	#581H	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)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,628.0	92.10	181.80	10,266.0	-461.7	-16.8	2.58	2.53	-0.53	27.8	4.5
10,722.0	91.80	181.90	10,262.8	-555.6	-19.8	0.34	-0.32	0.11	25.1	0.9
10,817.0	92.90	180.20	10,258.9	-650.5	-21.6	2.13	1.16	-1.79	22.0	-1.4
10,911.0	92.40	179.40	10,254.5	-744.4	-21.3	1.00	-0.53	-0.85	18.5	-1.6
11,006.0	91.80	179.40	10,251.0	-839.3	-20.3	0.63	-0.63	0.00	15.8	-1.2
11,101.0	90.50	179.30	10,249.1	-934.3	-19.2	1.37	-1.37	-0.11	14.7	-0.7
11,195.0	90.50	179.40	10,248.3	-1,028.3	-18.1	0.11	0.00	0.11	14.7	-0.2
11,289.0	89.80	178.80	10,248.1	-1,122.3	-16.6	0.98	-0.74	-0.64	15.2	0.7
11,384.0	90.50	179.60	10,247.8	-1,217.2	-15.3	1.12	0.74	0.84	15.8	1.5
11,479.0	90.10	179.60	10,247.3	-1,312.2	-14.6	0.42	-0.42	0.00	16.1	1.6
11,574.0	89.40	179.10	10,247.7	-1,407.2	-13.6	0.91	-0.74	-0.53	17.3	2.1
11,669.0	89.20	180.20	10,248.9	-1,502.2	-13.0	1.18	-0.21	1.16	19.3	2.1
11,763.0	92.00	181.40	10,247.9	-1,596.2	-14.3	3.24	2.98	1.28	19.1	0.2
11,858.0	91.10	181.50	10,245.3	-1,691.1	-16.7	0.95	-0.95	0.11	17.3	-2.8
11,953.0	90.10	181.10	10,244.3	-1,786.1	-18.9	1.13	-1.05	-0.42	16.8	-5.5
12,047.0	91.90	181.00	10,242.7	-1,880.1	-20.6	1.92	1.91	-0.11	15.5	-7.8
12,142.0	91.40	180.60	10,240.0	-1,975.0	-21.9	0.67	-0.53	-0.42	13.2	-9.7
12,236.0	90.90	179.90	10,238.1	-2,069.0	-22.3	0.92	-0.53	-0.74	11.7	-10.6
12,331.0	90.20	179.70	10,237.2	-2,164.0	-22.0	0.77	-0.74	-0.21	11.2	-10.9
12,426.0	89.40	179.30	10,237.5	-2,259.0	-21.2	0.94	-0.84	-0.42	11.9	-10.6
12,521.0	88.20	178.70	10,239.5	-2,353.9	-19.5	1.41	-1.26	-0.63	14.3	-9.5
12,615.0	89.30	180.50	10,241.5	-2,447.9	-18.8	2.24	1.17	1.91	16.8	-9.4
12,709.0	91.90	180.90	10,240.6	-2,541.9	-20.0	2.80	2.77	0.43	16.2	-11.1
12,804.0	91.70	180.60	10,237.6	-2,636.8	-21.2	0.38	-0.21	-0.32	13.6	-13.0
12,899.0	89.80	179.20	10,236.3	-2,731.8	-21.1	2.48	-2.00	-1.47	12.7	-13.4
12,993.0	92.30	180.20	10,234.6	-2,825.8	-20.6	2.86	2.66	1.06	11.4	-13.4
13,087.0	91.60	180.60	10,231.4	-2,919.7	-21.2	0.86	-0.74	0.43	8.6	-14.7



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0usft
Site:	Quail 2 State Com.	MD Reference:	KB = 25 @ 3268.0usft
Well:	#581H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
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)	
13,182.0	92.80	179.10	10,227.8	-3,014.7	-21.0	2.02	1.26	-1.58	5.4	-15.0	
13,277.0	92.10	179.00	10,223.7	-3,109.6	-19.4	0.74	-0.74	-0.11	1.7	-14.0	
13,372.0	90.90	177.70	10,221.2	-3,204.5	-16.7	1.86	-1.26	-1.37	-0.4	-11.8	
13,466.0	90.10	177.30	10,220.4	-3,298.4	-12.6	0.95	-0.85	-0.43	-0.8	-8.3	
13,560.0	89.10	176.90	10,221.0	-3,392.3	-7.8	1.15	-1.06	-0.43	0.3	-4.1	
13,655.0	88.00	176.30	10,223.5	-3,487.1	-2.2	1.32	-1.16	-0.63	3.1	1.0	
13,749.0	88.80	179.30	10,226.1	-3,581.0	1.4	3.30	0.85	3.19	6.1	4.0	
13,843.0	90.20	180.70	10,226.9	-3,674.9	1.4	2.11	1.49	1.49	7.3	3.5	
13,938.0	91.10	181.90	10,225.8	-3,769.9	-0.7	1.58	0.95	1.26	6.6	0.7	
14,032.0	89.70	182.00	10,225.2	-3,863.9	-3.9	1.49	-1.49	0.11	6.4	-3.0	
14,127.0	92.60	182.20	10,223.3	-3,958.8	-7.4	3.06	3.05	0.21	4.9	-7.1	
14,221.0	92.00	182.60	10,219.5	-4,052.6	-11.3	0.77	-0.64	0.43	1.5	-11.6	
14,316.0	91.20	182.20	10,216.8	-4,147.5	-15.3	0.94	-0.84	-0.42	-0.7	-16.1	
14,411.0	90.10	182.20	10,215.8	-4,242.4	-19.0	1.16	-1.16	0.00	-1.3	-20.3	
14,506.0	89.70	181.40	10,215.9	-4,337.4	-22.0	0.94	-0.42	-0.84	-0.6	-23.9	
14,600.0	92.10	180.60	10,214.4	-4,431.3	-23.6	2.69	2.55	-0.85	-1.6	-26.1	
14,695.0	93.00	176.10	10,210.2	-4,526.2	-20.9	4.83	0.95	-4.74	-5.4	-23.9	
14,789.0	90.70	177.10	10,207.2	-4,619.9	-15.3	2.67	-2.45	1.06	-7.9	-18.9	
14,884.0	89.80	177.30	10,206.8	-4,714.8	-10.7	0.97	-0.95	0.21	-7.8	-14.9	
14,978.0	89.00	176.90	10,207.8	-4,808.7	-5.9	0.95	-0.85	-0.43	-6.3	-10.7	
15,073.0	88.00	176.10	10,210.2	-4,903.5	-0.1	1.35	-1.05	-0.84	-3.3	-5.4	
15,132.0	87.40	176.10	10,212.6	-4,962.3	3.9	1.02	-1.02	0.00	-0.7	-1.8	
15,185.0	87.00	176.10	10,215.2	-5,015.1	7.5	0.75	-0.75	0.00	2.2	1.5	



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #581H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3268.0ush
Site:	Quail 2 State Corn	MD Reference:	KB = 25 @ 3268.0ush
Well:	#581H	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)	
9,668.0	9,657.6	133.9	-31.6	KOP, MD:9668.0', TVD:9657.6', N/S:133.9', E/W:-31.6', INC:2.98
9,861.6	9,847.6	100.0	-27.1	FTP Crossing, MD:9861.6', TVD:9847.6', N/S:100.0', E/W:-27.1', INC:16.98
15,132.0	10,212.6	-4,962.3	3.9	Last MWD Survey (MD=15132.0')
15,185.0	10,215.2	-5,015.1	7.5	Projection to Bit (MD=15185.0')

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



Eddy County, NM (NAD 83 NME)

Quail 2 State Com #581H

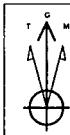
Plan #1

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: #581H

KB = 25 @ 3268.90ft
Northing 392709.00 Easting 692792.00 Latitude 32° 4' 43.295 N Longitude 103° 50' 39.610 W



Azimuths to Grid North
True North: -0.26°
Magnetic North: 6.62°
Magnetic Field
Strength: 47548.45nT
Dip Angle: 59.86°
Date: 3/5/2019
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.62°
To convert a Magnetic Direction to a True Direction, Add 6.88° East
To convert a True Direction to a Grid Direction, Subtract 0.26°

SECTION DETAILS

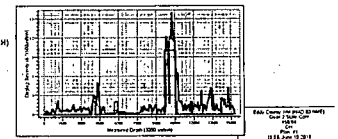
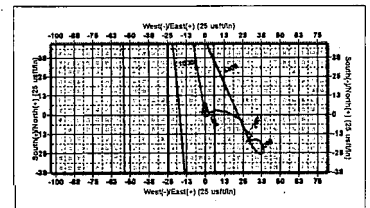
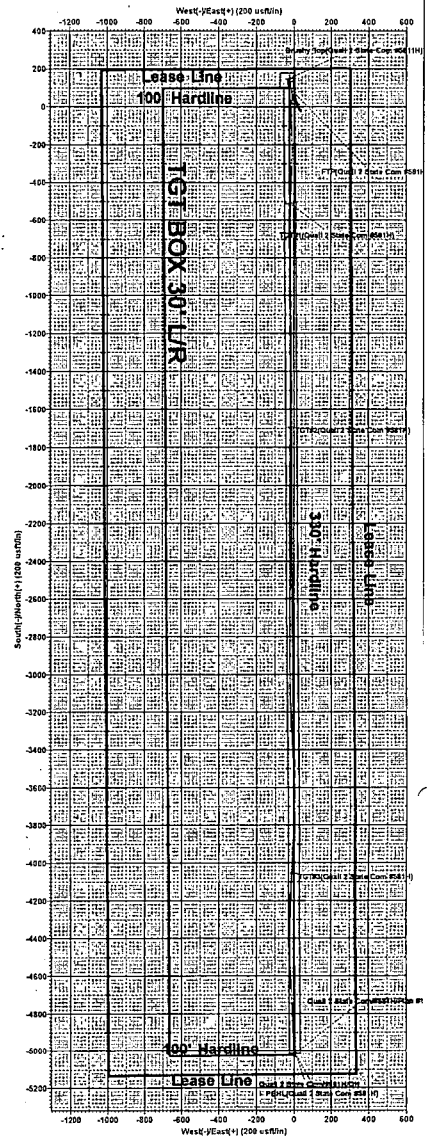
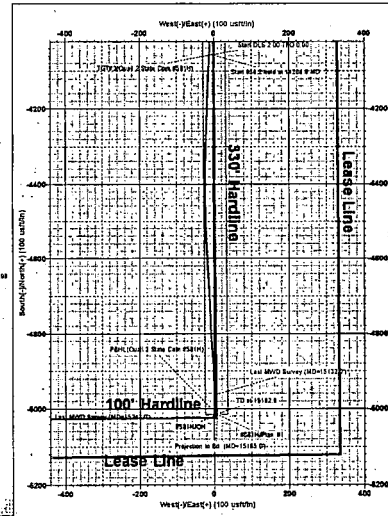
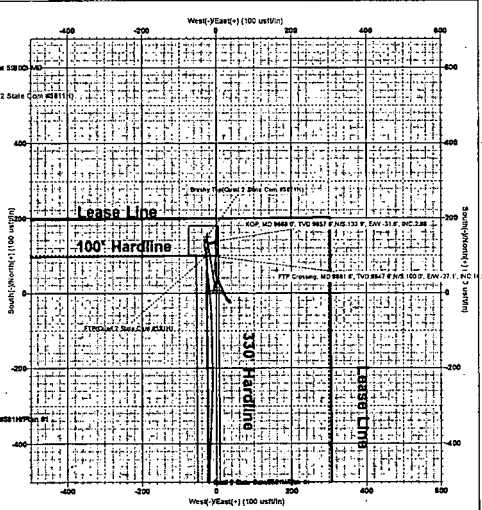
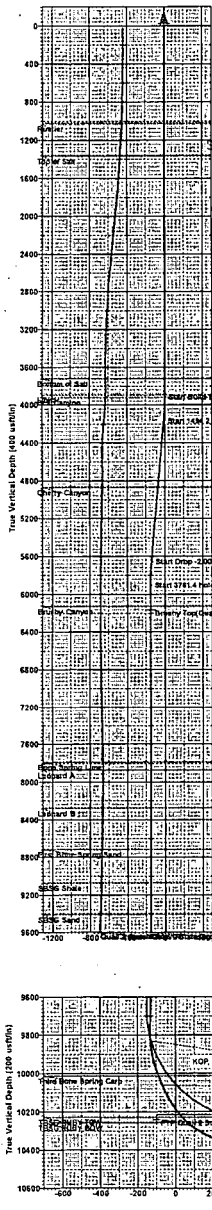
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Tface	Vsect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
3916.0	0.00	0.00	3916.0	0.0	0.0	0.00	0.00	0.0	
4166.1	5.00	350.54	4165.7	10.8	-1.8	2.00	350.54	-10.8	
5660.3	5.00	350.54	5654.3	139.2	-23.2	0.00	0.00	-139.3	
5910.3	0.00	0.00	5904.0	150.0	-25.0	2.00	180.00	-150.0	
9671.7	0.00	0.00	9665.4	150.0	-25.0	0.00	0.00	-150.0	
10574.2	90.24	179.66	10238.4	-425.4	-21.5	10.00	179.66	425.4	
10656.8	90.24	179.66	10238.0	-508.0	-21.0	0.00	0.00	508.0	TGT#1(Quail 2 State Com #581H)
10668.8	90.49	179.66	10237.9	-520.0	-21.0	2.00	0.00	520.0	
11840.8	90.49	179.66	10228.0	-1692.0	-13.9	0.00	0.00	1692.0	TGT#2(Quail 2 State Com #581H)
11853.0	90.24	179.66	10227.9	-1704.2	-13.9	2.00	-180.00	1704.1	
14203.9	90.24	179.66	10218.0	-4055.0	0.2	0.00	0.00	4055.0	TGT#3(Quail 2 State Com #581H)
14206.8	90.30	179.66	10218.0	-4057.8	0.3	2.00	0.00	4057.8	
15162.9	90.30	179.66	10213.0	-5014.0	6.0	0.00	0.00	5014.0	PBHL(Quail 2 State Com #581H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
TGT#1(Quail 2 State Com #581H)	10238.0	-508.0	-21.0	392201.00	692770.95
TGT#2(Quail 2 State Com #581H)	10228.0	-1692.0	-13.9	391017.00	692778.06
TGT#3(Quail 2 State Com #581H)	10218.0	-4055.0	0.2	388554.00	692792.34
PBHL(Quail 2 State Com #581H)	10213.0	-5014.0	6.0	387695.00	692798.00
Brushy Top(Quail 2 State Com #581H)	8162.0	150.0	-25.0	392859.00	692767.00
FTN(Quail 2 State Com #581H)	10240.0	100.0	-25.0	392809.00	692767.00





EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

October 15, 2019

State of New Mexico
Oil Conservation Division – District 2
811 S First St
Artesia, New Mexico 88210

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 16 2019

RECEIVED

Re: Request for exception to Rule 107 J
Tubingless Completion
QUAIL 2 STATE COM #581H

EOG Resources, Inc. requests an exception to NMOCD Rule 107 J regarding required production tubing. EOG requests a tubingless completion for the well listed above to allow greater flowback after frac stimulation.

The plan is to install production tubing as soon as flow decreases, which should occur within 6 months.

Thank you for your consideration of this request. If additional information is needed, please contact me at 432 686-3658.

Sincerely,

EOG Resources, Inc.

A handwritten signature in black ink that reads "Kay Maddox".

Kay Maddox
Regulatory Analyst

tubing exception
C-103?

Submit 1 Copy To Appropriate District
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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

015 Form C-103
Revised July 18, 2013

WELL API NO. 30-025-45787
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name QUAIL 2 STATE COM
8. Well Number 581H
9. OGRID Number 7377
10. Pool name or Wildcat WILDCAT G-015 S263001Q; BONE SPRING

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>A</u> : <u>200'</u> feet from the <u>NORTH</u> line and <u>306'</u> feet from the <u>EAST</u> line Section <u>2</u> Township <u>26S</u> Range <u>30E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3243' 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.

06/12/2019 Rig released
06/15/2019 MIRU prep to frac -Test void to 5000 psi, seals & flanges to 8500 psi
09/06/2019 Begin perf & frac
09/10/2019 Finish 18 stages perf & frac, 10,360-15,185' 1020 3 1/8" shots 12,419,380 lbs
proppant + 218,873 bbls load fluid
09/12/2019 Drilled out plugs and clean out wellbore
09/16/2019 Opened well to flowback,

Date of First Production ?

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 16 2019

Revise County & API#

Spud Date:

05/29/2019

Rig Release Date:

06/12/2019 ✓

RECEIVED

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 10/15/2019

Type or print name Kay Maddox E-mail address: kay_maddox@egoresources.com PHONE: 432-686-3658

For State Use Only

APPROVED BY: "Denied" TITLE "Denied" DATE "Denied"
Conditions of Approval (if any):

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						NEW MEXICO OIL CONSERVATION State of New Mexico ARTESIA DISTRICT Energy, Minerals and Natural Resources OCT 16 2019 RECEIVED Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505						Form C-105 Revised August 1, 2011			
						1. WELL API NO.						30-015-45787			
						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:										5. Lease Name or Unit Agreement Name					
☒ 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)										QUAIL 2 STATE COM					
6. Well Number:										581H					
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										WILDCAT G-015 S2630010; BONE SPRING					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County					
Surface:	A	02	26S	30E		200'	NORTH	306'	EAST	EDDY					
BH:	P	02	26S	30E		107'	SOUTH	328'	EAST	EDDY					
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.)			3243' GR						
05/29/2019	06/10/2019	06/12/2019		09/16/2019											
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			None						
MD 15,185' ✓		TVD 10,215' ✓		MD 15,185' TVD 10,215'		YES		Certified?							
22. Producing Interval(s), of this completion - Top, Bottom, Name															
BONE SPRING 10,360 - 15,185'															
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		1,129'		17 1/2"		1145 SXS CL C/CIRC							
9 5/8"		40# J-55		3,818'		12 1/4"		1330 SXS CL C/SURF							
5 1/2"		20# ICYP -110		15,129'		8 3/4"		1680 SXS CL H/TOC @ 3660' 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)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
10,360 - 15,185' 3 1/8" 1020 holes					DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED						
					10,360 - 15,185'				Frac w/12,419,380 lbs proppant; 218,873 bbls load fld						
28. PRODUCTION															
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)									
09/16/2019 ✓		FLOWING				PRODUCING									
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio								
09/22/2019	24	90		2584	7820	5916	3026								
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)									
	1023					43									
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		Printed Name		Title		Date									
Kay Maddox		Kay Maddox		Regulatory Analyst		10/15/2019									
E-mail Address kay_maddox@eogresources.com															

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	RUSTLER	1,023'	T. Canyon	BRUSHY	6,126'
T. Salt		1,366'	T. Strawn		
B. Salt		3,716'	T. Atoka		
T. Yates			T. Miss		
T. 7 Rivers			T. Devonian		
T. Queen			T. Silurian		
T. Grayburg			T. Montoya		
T. San Andres			T. Simpson		
T. Glorieta			T. McKee		
T. Paddock			T. Ellenburger		
T. Blinbry			T. Gr. Wash		
T. Tubb			T. Delaware Sand		
T. Drinkard			T. Bone Springs		
T. Abo			T. 1ST BONE SPRING SAND	8,713'	
T. Wolfcamp			T. 2ND BONE SPRING SAND	9,408'	
T. Penn			T.		
T. Cisco (Bough C)			T.		

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

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