

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

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

Form C-104
Revised August 1, 2011
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 46277	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 725H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	2	26S	30E		600'	NORTH	1596'	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
M	2	26S	30E		338'	SOUTH	865'	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 11/07/2019	²² Ready Date 09/07/2020	²³ TD 16,092'	²⁴ PBSD 16,065'	²⁵ Perforations 11,640 - 16,065'	²⁶ DHC, MC
²⁷ Hole Size 12 1/4"	²⁸ Casing & Tubing Size 9 5/8"	²⁹ Depth Set 1187'	³⁰ Sacks Cement 700 SXS CL C TOC 0		
8 3/4"	7 5/8"	10,573'	1550 SXS CL C & H TOC 0		
6 3/4"	5 1/2"	16,092'	525 SXS CL H TOC 9012' CBL		

V. Well Test Data

³¹ Date New Oil 09/07/2020	³² Gas Delivery Date 09/07/2020	³³ Test Date 09/12/2020	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2738
³⁷ Choke Size 34	³⁸ Oil 1459	³⁹ Water 3106	⁴⁰ Gas 6327	⁴¹ Test Method	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Kay Maddox

Printed name:

Kay Maddox

Title:

SENIOR REGULATORY SPECIALIST

E-mail Address:

kay_maddox@eogresources.com

Date:

09/21/2020

Phone:

432-638-8475

OIL CONSERVATION DIVISION

Approved by:

Amador Barrios

Title:

BUSINESS OP. SPEC.

Approval Date:

01/06/2021

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

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

NMOCD Rec'd: 9/24/2020

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46277	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 725H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3207'

¹⁰Surface Location

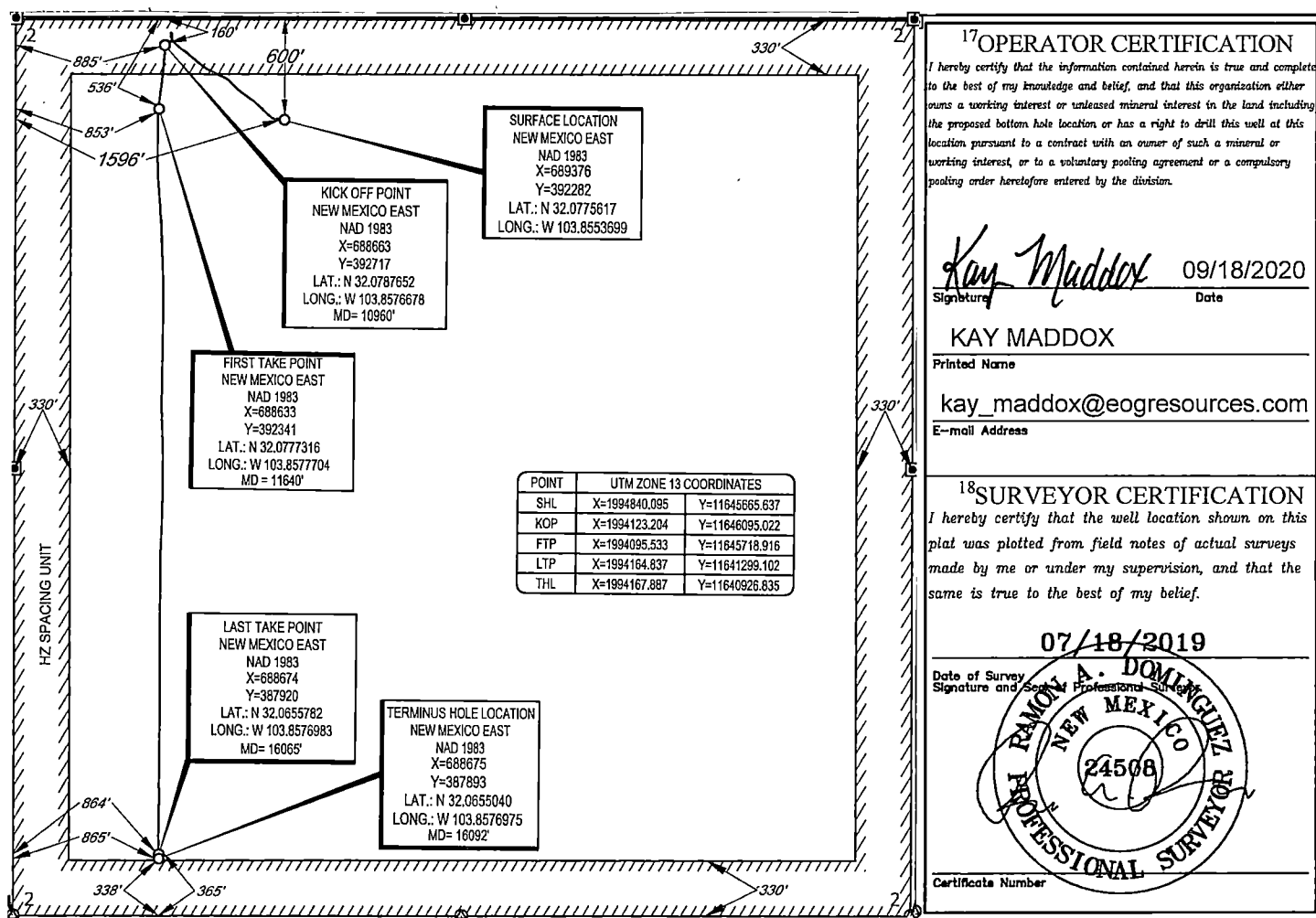
UL or lot no. D	Section 2	Township 26-S	Range 30-E	Lot Idn -	Feet from the 600'	North/South line NORTH	Feet from the 1596'	East/West line WEST	County EDDY
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¹¹Bottom Hole Location If Different From Surface

UL or lot no. M	Section 2	Township 26-S	Range 30-E	Lot Idn -	Feet from the 338'	North/South line SOUTH	Feet from the 865'	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\SILO_QUAIL 2 STATE_725H_REV4.DWG 9/12/2019 7:28:27 AM rdominguez



eog resources, inc.

 **TOPOGRAPHIC**
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 145 • 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

QUAIL 2 STATE COM #725H AS-COMLETE	REVISION:		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.
DATE: 3/23/2020			
FILE:AD_QUAIL_2_STATE_COM_725H			
DRAWN BY: GLH			
SHEET : 1 OF 1			

S:\SURVEY\EOG MIDLAND\QUAIL 2 STATE COM\FINAL PRODUCTS\AD QUAIL 2 STATE COM 725H.DWG 3/24/2020 3:06:06 PM rdominquez

Intent ☐ As Drilled ☒ XXX

API # 30-025-46277		
Operator Name: EOG RESOURCES, INC	Property Name: QUAIL 2 STATE COM	Well Number 725H

Kick Off Point (KOP)

UL D	Section 2	Township 26S	Range 30E	Lot	Feet 160	From N/S NORTH	Feet 885	From E/W WEST	County EDDY
Latitude 32.0787652					Longitude 103.8576678			NAD 1983	

First Take Point (FTP)

UL D	Section 2	Township 26S	Range 30E	Lot	Feet 536	From N/S NORTH	Feet 853	From E/W WEST	County EDDY
Latitude 32.0777316					Longitude 103.8577704			NAD 1983	

Last Take Point (LTP)

UL M	Section 2	Township 26S	Range 30E	Lot	Feet 365	From N/S SOUTH	Feet 864	From E/W WEST	County EDDY
Latitude 32.0655782					Longitude 103.8576983			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

#725H

OH

Design: OH

Midland PVA

09 December, 2019



Midland PVA

Company:	EOG Resources - Midland			Local Co-ordinate Reference:	Well #725H
Project:	Eddy County, NM (NAD 83 NME)			TVD Reference:	KB = 22' @ 3229.0usft
Site:	Quail 2 State Com			MD Reference:	KB = 22' @ 3229.0usft
Well:	#725H			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	Latitude:	32° 4' 43.295 N
From:	Map	Easting:	692,792.00 usft	Longitude:	103° 50' 39.610 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.26 °

Well	#725H					
Well Position	+N-S	0.0 usft	Northing:	392,282.00 usft	Latitude:	32° 4' 39.221 N
	+E-W	0.0 usft	Easting:	689,376.00 usft	Longitude:	103° 51' 19.336 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,207.0 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/15/2019	6.81	59.85	47,575.40205566

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)	
	0.0	0.0	0.0	188.89	

Survey Program	Date	12/9/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
166.0	16,092.0	Total Directional (OH)	MWD	OWSG MWD - Standard

12/9/2019 1:25:23PM

Page 2

COMPASS 5000.15 Build 91



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #725H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3229.0usft
Well:	#725H	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
166.0	1.00	280.50	166.0	0.3	-1.4	0.60	0.60	0.00	0.0	0.0
348.0	1.50	280.90	347.9	1.0	-5.3	0.27	0.27	0.22	0.0	0.0
508.0	2.50	280.90	507.9	0.8	-10.8	0.75	0.62	-12.50	0.0	0.0
699.0	1.50	290.30	698.7	1.1	-17.3	0.73	-0.52	15.39	0.0	0.0
889.0	2.60	287.20	888.6	3.2	-23.7	0.58	0.58	-1.63	0.0	0.0
1,080.0	3.00	283.30	1,079.4	5.6	-32.7	0.23	0.21	-2.04	0.0	0.0
1,131.0	2.50	280.80	1,130.3	6.1	-35.1	1.01	-0.98	-4.90	0.0	0.0
1,271.0	2.30	262.60	1,270.2	6.4	-40.9	0.56	-0.14	-13.00	0.1	1.0
1,367.0	1.90	255.00	1,366.1	5.7	-44.4	0.51	-0.42	-7.92	0.6	3.2
1,557.0	1.70	212.80	1,556.1	2.5	-48.9	0.69	-0.11	-22.21	-6.1	18.8
1,748.0	9.00	297.20	1,746.2	7.0	-63.8	4.71	3.82	44.19	32.9	15.7
1,938.0	15.10	310.00	1,932.0	29.7	-96.0	3.49	3.21	6.74	35.0	10.7
2,129.0	13.00	316.10	2,117.3	61.2	-130.0	1.34	-1.10	3.19	28.6	4.6
2,320.0	11.30	313.20	2,304.0	89.5	-158.5	0.95	-0.89	-1.52	27.3	2.0
2,510.0	10.50	306.40	2,490.6	112.5	-186.0	0.80	-0.42	-3.58	30.3	4.6
2,606.0	11.80	303.80	2,584.8	123.1	-201.2	1.45	1.35	-2.71	31.2	7.2
2,796.0	13.00	305.60	2,770.3	146.4	-234.7	0.66	0.63	0.95	28.7	9.1
2,891.0	12.80	306.00	2,862.9	158.8	-251.9	0.23	-0.21	0.42	28.0	9.9
3,082.0	10.30	308.80	3,050.0	181.9	-282.4	1.34	-1.31	1.47	29.6	9.7
3,273.0	10.60	323.20	3,237.9	206.7	-306.2	1.37	0.16	7.54	35.2	-3.4
3,368.0	11.60	314.30	3,331.1	220.4	-318.3	2.09	1.05	-9.37	36.6	-1.2
3,463.0	11.00	308.00	3,424.3	232.6	-332.2	1.44	-0.63	-6.63	37.6	2.0
3,654.0	8.20	292.60	3,612.6	249.1	-359.2	1.98	-1.47	-8.06	42.5	17.9
3,844.0	6.80	292.00	3,801.0	258.5	-382.1	0.74	-0.74	-0.32	55.2	29.5
4,034.0	11.80	295.40	3,988.4	271.0	-410.1	2.65	2.63	1.79	64.4	35.9
4,225.0	15.90	298.40	4,173.9	291.9	-450.8	2.18	2.15	1.57	59.0	40.7



Midland PVA

Company: EOG Resources - Midland
 Project: Eddy County, NM (NAD 83 NME)
 Site: Quail 2 State Com
 Well: #725H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #725H
 TVD Reference: KB = 22' @ 3229.0usft
 MD Reference: KB = 22' @ 3229.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 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)
4,415.0	16.00	307.60	4,356.6	320.2	-494.4	1.33	0.05	4.84	51.5	36.0
4,606.0	17.60	310.40	4,539.4	355.0	-537.3	0.94	0.84	1.47	36.7	33.8
4,796.0	16.60	308.70	4,721.0	390.6	-580.3	0.59	-0.53	-0.89	18.5	34.0
4,987.0	14.60	306.40	4,905.0	421.9	-621.0	1.10	-1.05	-1.20	4.9	35.3
5,177.0	13.00	311.80	5,089.5	450.4	-656.2	1.08	-0.84	2.84	1.8	34.9
5,368.0	8.90	344.60	5,277.1	479.0	-676.2	3.82	-2.15	17.17	19.4	17.1
5,558.0	5.60	11.50	5,465.6	502.3	-678.2	2.45	-1.74	14.16	18.9	-17.9
5,749.0	1.40	133.70	5,656.4	509.8	-674.7	3.38	-2.20	63.98	-45.3	3.6
5,844.0	1.30	158.30	5,751.3	508.0	-673.5	0.61	-0.11	25.89	-47.5	25.8
5,989.6	1.21	171.71	5,896.9	504.9	-672.6	0.21	-0.06	9.21	-46.2	39.1
Brushy Top(Quail 2 State #725H)										
6,035.0	1.20	176.20	5,942.3	504.0	-672.5	0.21	-0.03	9.90	-43.9	42.7
6,225.0	1.10	183.10	6,132.3	500.2	-672.5	0.09	-0.05	3.63	-42.3	47.9
6,416.0	1.10	173.50	6,323.2	496.5	-672.4	0.10	0.00	-5.03	-53.3	39.8
6,606.0	0.90	182.00	6,513.2	493.2	-672.2	0.13	-0.11	4.47	-50.1	47.5
6,797.0	1.10	174.10	6,704.2	489.9	-672.1	0.13	0.10	-4.14	-59.5	40.0
6,988.0	1.10	173.70	6,895.1	486.3	-671.7	0.00	0.00	-0.21	-63.5	39.6
7,179.0	1.30	168.00	7,086.1	482.3	-671.1	0.12	0.10	-2.98	-71.1	32.9
7,370.0	1.50	176.70	7,277.0	477.7	-670.5	0.15	0.10	4.55	-69.9	43.6
7,560.0	1.60	177.20	7,467.0	472.6	-670.2	0.05	0.05	0.26	-74.7	44.2
7,751.0	1.90	190.70	7,657.9	466.8	-670.6	0.27	0.16	7.07	-68.0	61.1
7,942.0	1.40	218.30	7,848.8	461.9	-672.7	0.48	-0.26	14.45	-37.2	87.1
8,133.0	2.30	275.80	8,039.7	460.4	-677.9	1.02	0.47	-30.10	48.4	80.1
8,323.0	3.20	282.50	8,229.5	461.9	-686.9	0.50	0.47	3.53	48.3	74.4
8,514.0	2.70	287.00	8,420.2	464.4	-696.4	0.29	-0.26	2.36	44.2	70.8
8,704.0	1.90	268.00	8,610.1	465.6	-703.8	0.58	-0.42	-10.00	11.4	79.8
8,895.0	2.00	256.60	8,801.0	464.7	-710.3	0.21	0.05	-5.97	-11.1	79.9



Midland PVA

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 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)
9,086.0	1.70	246.90	8,991.9	462.8	-716.1	0.23	-0.16	-5.08	-30.5	76.3
9,276.0	0.80	251.50	9,181.8	461.3	-720.0	0.48	-0.47	2.42	-28.4	78.7
9,466.0	0.40	197.00	9,371.8	460.3	-721.4	0.34	-0.21	-28.68	-82.0	21.5
9,657.0	1.50	198.60	9,562.8	457.3	-722.4	0.58	0.58	0.84	-84.6	23.8
9,752.0	0.80	239.70	9,657.8	455.7	-723.4	1.09	-0.74	43.26	-49.7	74.4
9,847.0	0.90	247.40	9,752.8	455.1	-724.6	0.16	0.11	8.11	-40.7	80.4
9,943.0	1.00	295.30	9,848.7	455.2	-726.1	0.81	0.10	49.90	31.1	84.6
10,038.0	0.90	197.40	9,943.7	454.8	-727.1	1.51	-0.11	-103.05	-88.7	18.3
10,228.0	1.90	166.10	10,133.7	450.4	-726.7	0.64	0.53	-16.47	-89.8	-31.2
10,419.0	1.30	175.60	10,324.6	445.1	-725.8	0.34	-0.31	4.97	-99.0	-15.5
10,514.0	0.90	183.50	10,419.6	443.3	-725.8	0.45	-0.42	8.32	-102.0	-1.6
10,720.0	2.40	113.30	10,625.5	440.0	-721.9	1.10	0.73	-34.08	-37.9	-98.0
10,911.0	2.20	124.90	10,816.4	436.3	-715.2	0.26	-0.10	6.07	-64.4	-87.6
10,960.0	3.08	144.40	10,865.3	434.7	-713.7	2.54	1.79	39.80	-92.2	-60.8
KOP, MD:10960.0, TVD:10865.3, N/S:434.7, E/W:-713.7, INC:3.08										
11,007.0	4.10	154.30	10,912.2	432.2	-712.2	2.54	2.18	21.06	-104.1	-43.8
11,102.0	15.90	182.40	11,005.6	416.0	-711.3	13.08	12.42	29.58	-116.1	11.3
11,197.0	30.90	184.20	11,092.6	378.5	-713.6	15.81	15.79	1.89	-117.2	11.4
11,293.0	36.80	184.00	11,172.3	325.2	-717.5	6.15	6.15	-0.21	-110.8	5.1
11,386.1	44.15	185.97	11,243.1	265.0	-722.8	8.01	7.89	2.11	-91.8	-1.4
FTP Crossing, MD:11386.1, TVD:11243.1, N/S:265.0, E/W:-722.8, INC:44.15										
11,388.0	44.30	186.00	11,244.4	263.7	-722.9	8.01	7.91	1.82	-91.3	-1.6
11,484.0	47.60	187.10	11,311.2	195.2	-730.8	3.53	3.44	1.15	-58.2	-13.7
FTP(Quail 2 State #725H)										
11,579.0	62.50	185.90	11,365.4	118.0	-739.5	15.72	15.68	-1.26	-20.8	-24.2
11,675.0	81.30	182.50	11,395.1	27.4	-746.0	19.87	19.58	-3.54	6.1	-31.4
11,770.0	93.80	180.60	11,399.2	-67.3	-748.6	13.31	13.16	-2.00	11.2	-34.6



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #725H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3229.0usft
Well:	#725H	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)
11,865.0	90.20	178.80	11,395.9	-162.2	-748.1	4.24	-3.79	-1.89	8.5	-34.7
11,960.0	91.30	179.50	11,394.6	-257.2	-746.7	1.37	1.16	0.74	7.9	-33.9
12,056.0	88.50	175.80	11,394.8	-353.1	-742.7	4.83	-2.92	-3.85	8.8	-30.6
12,151.0	89.80	175.90	11,396.2	-447.8	-735.9	1.37	1.37	0.11	10.8	-24.3
12,247.0	89.60	176.00	11,396.7	-543.6	-729.1	0.23	-0.21	0.10	12.0	-18.1
12,342.0	89.30	175.80	11,397.6	-638.3	-722.3	0.38	-0.32	-0.21	13.6	-12.0
12,438.0	92.40	176.70	11,396.2	-734.1	-716.0	3.36	3.23	0.94	12.8	-6.3
12,628.0	90.80	178.60	11,390.9	-923.8	-708.2	1.31	-0.84	1.00	8.8	0.2
12,724.0	91.10	179.80	11,389.3	-1,019.8	-706.9	1.29	0.31	1.25	7.9	1.0
12,819.0	91.50	179.90	11,387.1	-1,114.8	-706.6	0.43	0.42	0.11	6.4	0.6
12,914.0	88.40	180.10	11,387.2	-1,209.8	-705.6	3.27	-3.26	0.21	7.1	0.0
13,010.0	89.30	179.40	11,389.1	-1,305.8	-706.2	1.19	0.94	-0.73	9.7	-0.2
13,105.0	91.50	180.80	11,388.5	-1,400.7	-706.4	2.74	2.32	1.47	9.7	-1.0
13,201.0	89.80	180.80	11,387.4	-1,496.7	-707.7	1.77	-1.77	0.00	9.3	-3.0
13,296.0	93.00	182.30	11,385.1	-1,591.6	-710.3	3.72	3.37	1.58	7.6	-6.2
13,392.0	91.30	177.80	11,381.5	-1,687.5	-710.4	5.01	-1.77	-4.69	4.7	-6.9
13,487.0	89.40	178.30	11,380.9	-1,782.5	-707.1	2.07	-2.00	0.53	4.8	-4.2
13,582.0	88.50	177.30	11,382.6	-1,877.4	-703.5	1.42	-0.95	-1.05	7.2	-1.2
13,678.0	90.60	178.30	11,383.4	-1,973.3	-699.8	2.42	2.19	1.04	8.6	1.8
13,868.0	89.60	180.90	11,383.0	-2,163.3	-698.5	1.47	-0.53	1.37	9.6	1.9
13,964.0	89.40	181.00	11,383.9	-2,259.3	-700.1	0.23	-0.21	0.10	11.1	-0.3
14,059.0	89.80	181.30	11,384.5	-2,354.3	-702.0	0.53	0.42	0.32	12.4	-2.8
14,154.0	90.10	181.50	11,384.6	-2,449.2	-704.3	0.38	0.32	0.21	13.2	-5.7
14,249.0	90.50	180.90	11,384.1	-2,544.2	-706.3	0.76	0.42	-0.63	13.3	-8.3
14,345.0	90.70	181.30	11,383.1	-2,640.2	-708.1	0.47	0.21	0.42	13.0	-10.8
14,440.0	89.30	180.00	11,383.1	-2,735.2	-709.2	2.01	-1.47	-1.37	13.6	-12.5
14,535.0	89.30	180.10	11,384.3	-2,830.2	-709.3	0.11	0.00	0.11	15.5	-13.2



Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #725H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3229.0usft
Well:	#725H	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)
14,631.0	89.40	179.40	11,385.4	-2,926.2	-708.9	0.74	0.10	-0.73	17.2	-13.4
14,726.0	89.60	179.40	11,386.2	-3,021.1	-707.9	0.21	0.21	0.00	18.7	-13.0
14,821.0	90.00	179.80	11,386.5	-3,116.1	-707.2	0.60	0.42	0.42	19.7	-13.0
14,916.0	90.90	179.60	11,385.8	-3,211.1	-706.7	0.97	0.95	-0.21	19.6	-13.1
15,011.0	91.30	179.20	11,384.0	-3,306.1	-705.7	0.60	0.42	-0.42	18.4	-12.7
15,158.0	89.90	179.90	11,382.4	-3,453.1	-704.6	1.06	-0.95	0.48	17.9	-12.5
15,297.0	88.20	179.80	11,384.7	-3,592.1	-704.2	1.23	-1.22	-0.07	21.2	-13.1
15,393.0	89.80	180.50	11,386.4	-3,688.1	-704.5	1.82	1.67	0.73	23.5	-13.9
15,488.0	89.30	180.00	11,387.2	-3,783.0	-704.9	0.74	-0.53	-0.53	24.9	-15.0
15,583.0	89.30	179.40	11,388.3	-3,878.0	-704.4	0.63	0.00	-0.63	26.8	-15.1
15,679.0	89.80	179.50	11,389.1	-3,974.0	-703.5	0.53	0.52	0.10	28.2	-14.8
15,774.0	91.90	180.40	11,387.7	-4,069.0	-703.4	2.40	2.21	0.95	27.4	-15.3
15,869.0	92.80	180.80	11,383.7	-4,163.9	-704.4	1.13	1.05	0.42	24.1	-16.9
15,896.0	89.50	179.20	11,383.1	-4,190.9	-704.4	13.92	-12.59	-5.93	23.7	-17.1
Last MWD Survey (MD=15896.0')										
16,092.0	89.50	179.20	11,384.8	-4,386.9	-701.6	0.00	0.00	0.00	26.8	-15.6
Projection to Bit (MD=16092.0') - PBHL(Quail 2 State #725H)										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
10,960.0	10,865.3	434.7	-713.7	KOP, MD:10960.0', TVD:10865.3', N/S:434.7', E/W:-713.7', INC:3.08
11,386.1	11,243.1	265.0	-722.8	FTP Crossing, MD:11386.1', TVD:11243.1', N/S:265.0', E/W:-722.8', INC:44.15
15,896.0	11,383.1	-4,190.9	-704.4	Last MWD Survey (MD=15896.0')
16,092.0	11,384.8	-4,386.9	-701.6	Projection to Bit (MD=16092.0')

Checked By: _____ Approved By: _____ Date: _____

12/9/2019 1:25:23PM

Page 7

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



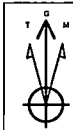
Eddy County, NM (NAD 83 NME)

Quail 2 State Com #725H

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



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

Magnetic Field
 Strength: 47575.4nT
 Dip Angle: 59.85°
 Date: 11/15/2019
 Model: IGRF2019

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°

WELL DETAILS: #725H

KB = 22' @ 3229.0usft 3207.0
 Northing 392282.00 Easting 689376.00 Latitude 32° 4' 39.221 N Longitude 103° 51' 19.336 W

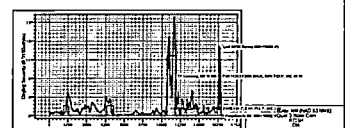
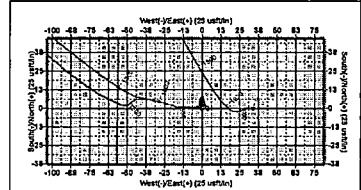
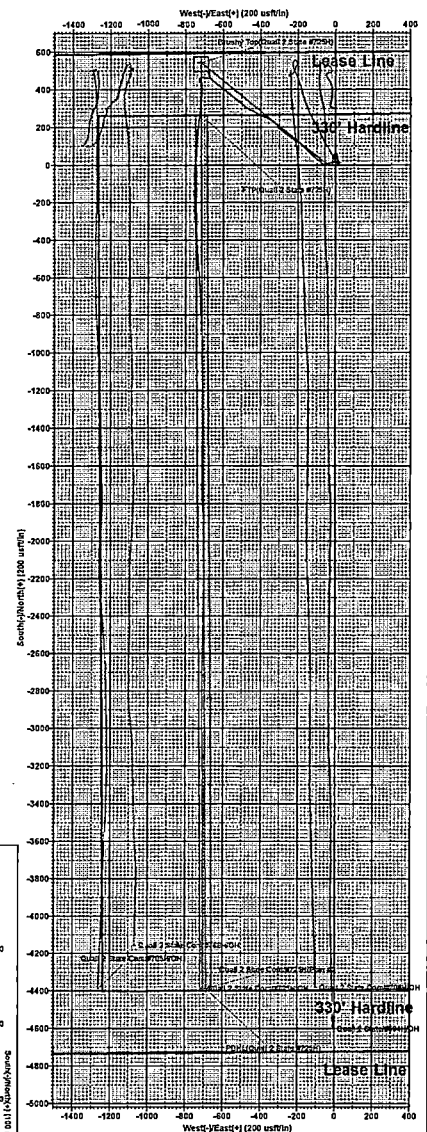
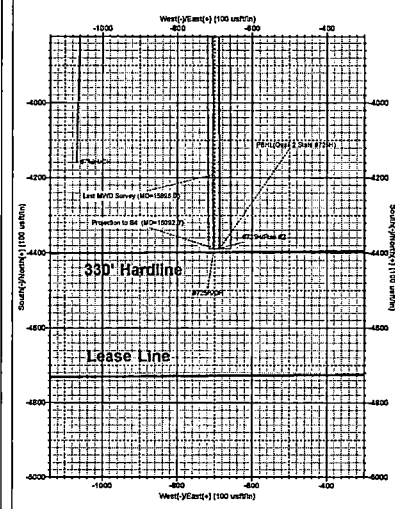
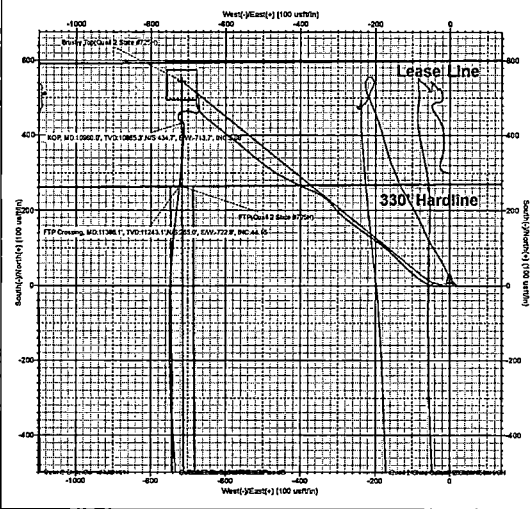
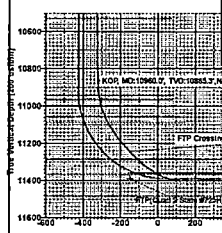
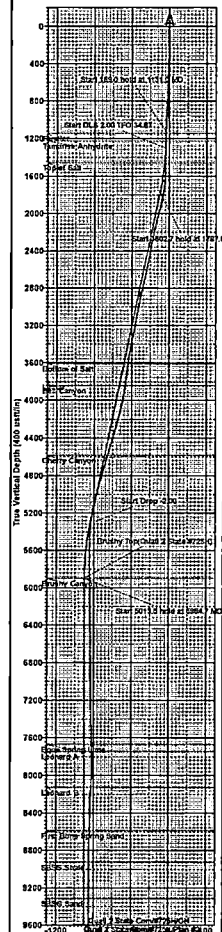
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	1131.0	2.50	280.80	1130.3	6.1	-35.1	0.00	0.00	-0.6	
2	1300.0	2.50	280.80	1299.2	7.5	-42.4	0.00	0.00	-0.9	
3	1787.6	11.89	308.84	1782.4	41.1	-92.1	2.00	34.87	-26.4	
4	5390.3	11.89	308.84	5307.9	506.5	-870.1	0.00	0.00	-395.9	
5	5984.7	0.00	0.00	5898.0	545.0	-718.0	2.00	180.00	-427.6	
6	10988.2	0.00	0.00	10911.5	545.0	-718.0	0.00	0.00	-427.6	Brushy Top(Quail 2 State #725H)
7	11751.5	90.40	179.63	11389.0	64.2	-714.9	12.00	179.63	47.0	
8	16203.9	90.40	179.63	11358.0	-4388.0	-686.0	0.00	0.00	4441.3	PBHL(Quail 2 State #725H)

CASING DETAILS
 No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Quail 2 State #725H)	5899.0	545.0	-718.0	392287.00	688558.00
PBHL(Quail 2 State #725H)	11358.0	-4388.0	-686.0	397594.00	638550.00
FTP(Quail 2 State #725H)	11389.0	265.0	-718.0	392547.00	688558.00



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.			30-015-46277		
		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: 725H			
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:	D	2	26S	30E		600	
BH:	M	2	26S	30E		338	
13. Date Spudded 11/07/2019	14. Date T.D. Reached 12/08/2019	15. Date Rig Released 12/10/2019		16. Date Completed (Ready to Produce) 09/07/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3207'GR	
18. Total Measured Depth of Well MD 16,092' TVD 11,384'		19. Plug Back Measured Depth MD 16,065' TVD 11,384'		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 11,640 - 16,065'							
CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	CEMENTING RECORD	
9 5/8"	40# J-55		1,187'		12 1/4"	700 CL C/CIRC	
7 5/8"	29.7# ECP 110		10,573'		8 3/4"	1550 CL C & H/SURF	
5 1/2"	20# HCP 110		16,092'		6 3/4"	525 CL H TOC 9012' 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) 11,640 - 16,065' 3 1/8", 897HOLES				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,640-16,065 FRAC W/11,541,820 lbs proppant, 207,690 bbls load fld			
PRODUCTION							
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 09/12/2020	Hours Tested 24	Choke Size 34	Prod'n For Test Period	Oil - Bbl 1459	Gas - MCF 6327	Water - Bbl. 3106	
Flow Tubing Press.	Casing Pressure 2738	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>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</i> Printed Name Kay Maddox Title Senior Regulatory Specialist Date 09/21/2020 Signature _____ E-mail Address kay_maddox@eogresources.com							

AB

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	1129'	T. Canyon	Brushy 6008
T. Salt		1211'	T. Strawn	
B. Salt		3687'	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. Blinebry			T. Gr. Wash	
T. Tubb			T. Delaware Sand	
T. Drinkard			T. Bone Springs	
T. Abo			T. 1st BS Sand	8615'
T. Wolfcamp		10,973'	T. 2nd BS Sand	9073'
T. Penn			T. 3rd BS Sand	10,556'
T. Cisco (Bough C)			T.	
			T. Ojo Alamo	T. Penn A"
			T. Kirtland	T. Penn. "B"
			T. Fruitland	T. Penn. "C"
			T. Pictured Cliffs	T. Penn. "D"
			T. Cliff House	T. Leadville
			T. Menefee	T. Madison
			T. Point Lookout	T. Elbert
			T. Mancos	T. McCracken
			T. Gallup	T. Ignacio Otzte
			Base Greenhorn	T. Granite
			T. Dakota	
			T. Morrison	
			T. Todilto	
			T. Entrada	
			T. Wingate	
			T. Chinle	
			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

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 14105

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	14105	Action Type:	C-104C
OCD Reviewer									Condition
abustamante									None