

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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 - 015-46279	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 705H

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		485	NORTH	240	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		341	SOUTH	303	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 10/27/2019	²² Ready Date 09/07/2020	²³ TD 15,620'	²⁴ PBTD 15,593'	²⁵ Perforations 11,190 -15,593'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8"	1,186'	600 SXS CL C TOC 0		
8 3/4"	7 5/8"	10,383'	2150 SXS CL C & H TOC 0		
6 3/4"	5 1/2"	15,620'	500 SXS CL H TOC 6610' 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 2561
³⁷ Choke Size 34	³⁸ Oil 1072	³⁹ Water 4212	⁴⁰ Gas 4183		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			OIL CONSERVATION DIVISION		
Printed name: Kay Maddox			Approved by: 		
Title: SENIOR REGULATORY SPECIALIST			Title: BUSINESS OP. SPEC.		
E-mail Address: kay_maddox@eogresources.com			Approval Date: 01/07/2021		
Date: 09/18/2020		Phone: 432-638-8475			

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

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

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46279	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 705H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3207'

¹⁰Surface Location

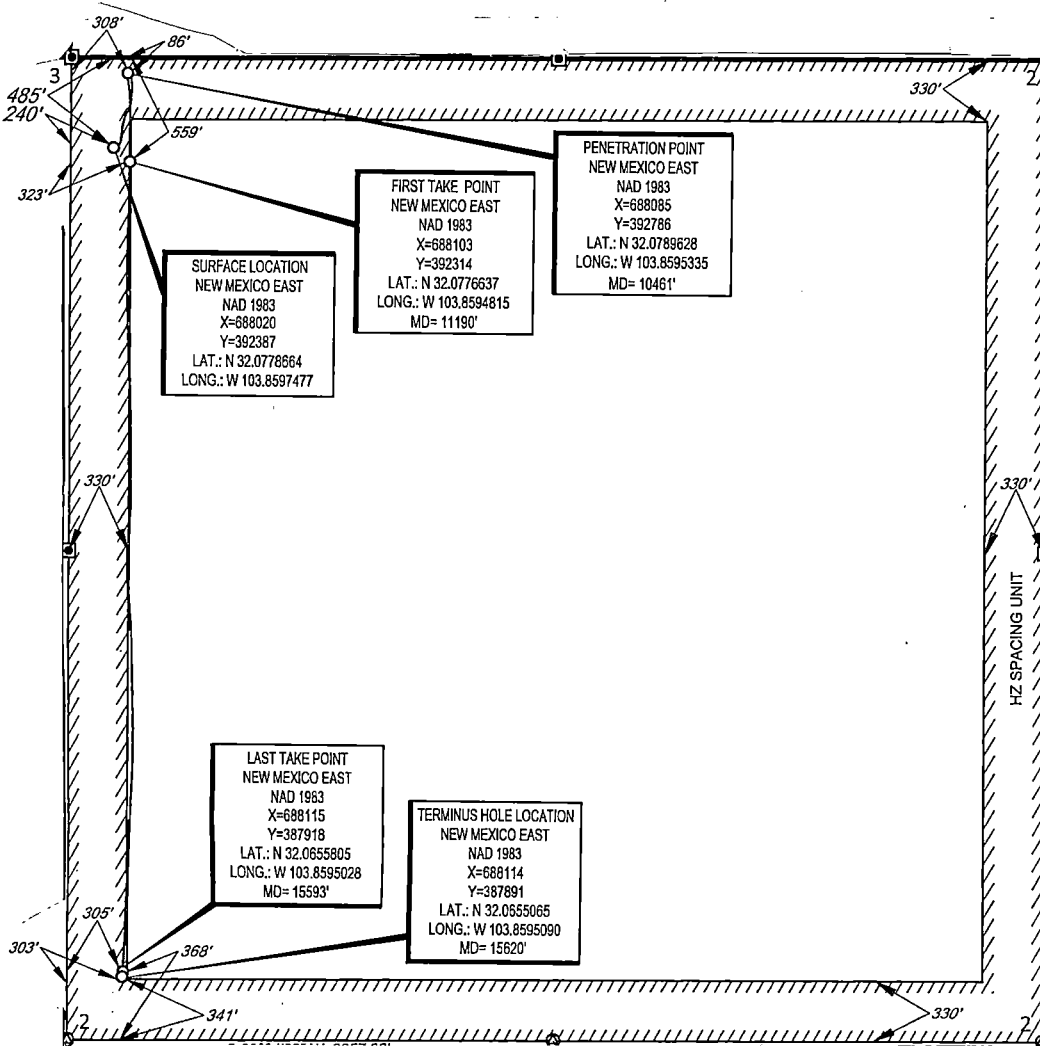
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	26-S	30-E	-	485'	NORTH	240'	WEST	EDDY

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
M	2	26-S	30-E	-	341'	SOUTH	303'	WEST	EDDY

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.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kay Maddox 09/18/2020
Signature Date

KAY MADDOX
Printed Name

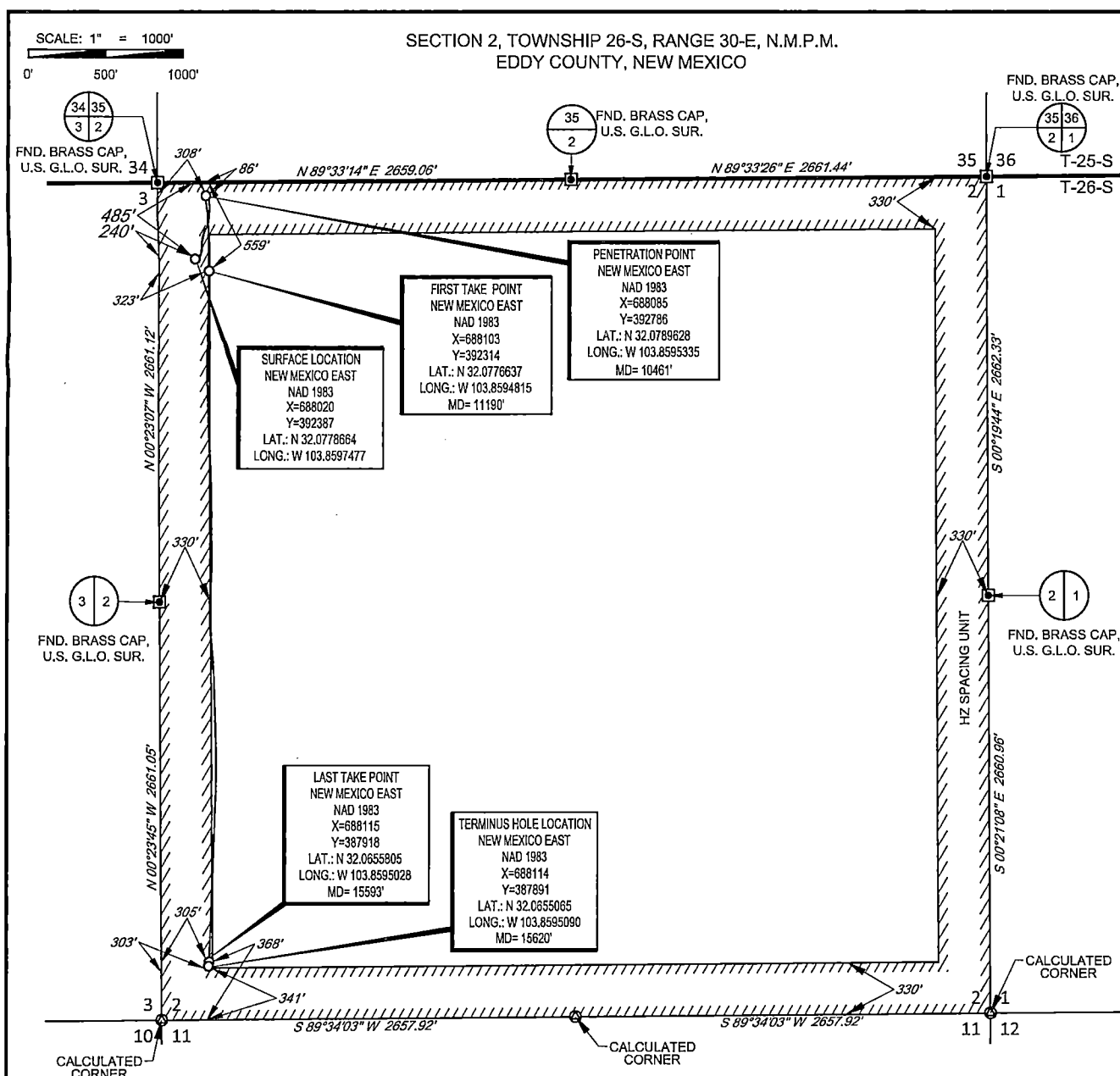
kay_maddox@eogresources.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

07/18/2019
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR
Certificate Number

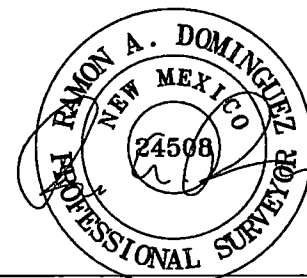


LEASE NAME & WELL NO.: QUAIL 2 STATE COM 705H

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

COUNTY EDDY STATE NM ELEVATION 3207'

DESCRIPTION 485' FNL & 240' FWL



Ramon A. Dominguez, PS No. 24508
APRIL 14, 2020



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

QUAIL 2 STATE COM 705H AS-COMplete	REVISION:	
DATE: 04/14/2020		
FILE:AD_QUAIL_2_STATE_COM_705H		
DRAWN BY: H.B.		
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, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983.
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 ☒ XXXAPI #30-015-46279
30-025-46279

Operator Name: EOG RESOURCES, INC	Property Name: QUAIL 2 STATE COM	Well Number 705H
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Kick Off Point (KOP)

UL D	Section 2	Township 26S	Range 30E	Lot	Feet 86	From N/S NORTH	Feet 308	From E/W WEST	County EDDY
Latitude 32.0789628					Longitude 103.8595335			NAD 1983	

First Take Point (FTP)

UL D	Section 2	Township 26S	Range 30E	Lot	Feet 559	From N/S NORTH	Feet 323	From E/W WEST	County EDDY
Latitude 32.0776637					Longitude 103.8594815			NAD 1983	

Last Take Point (LTP)

UL M	Section 2	Township 26S	Range 30E	Lot	Feet 368	From N/S SOUTH	Feet 305	From E/W WEST	County EDDY
Latitude 32.0655805					Longitude 103.8595028			NAD 1983	

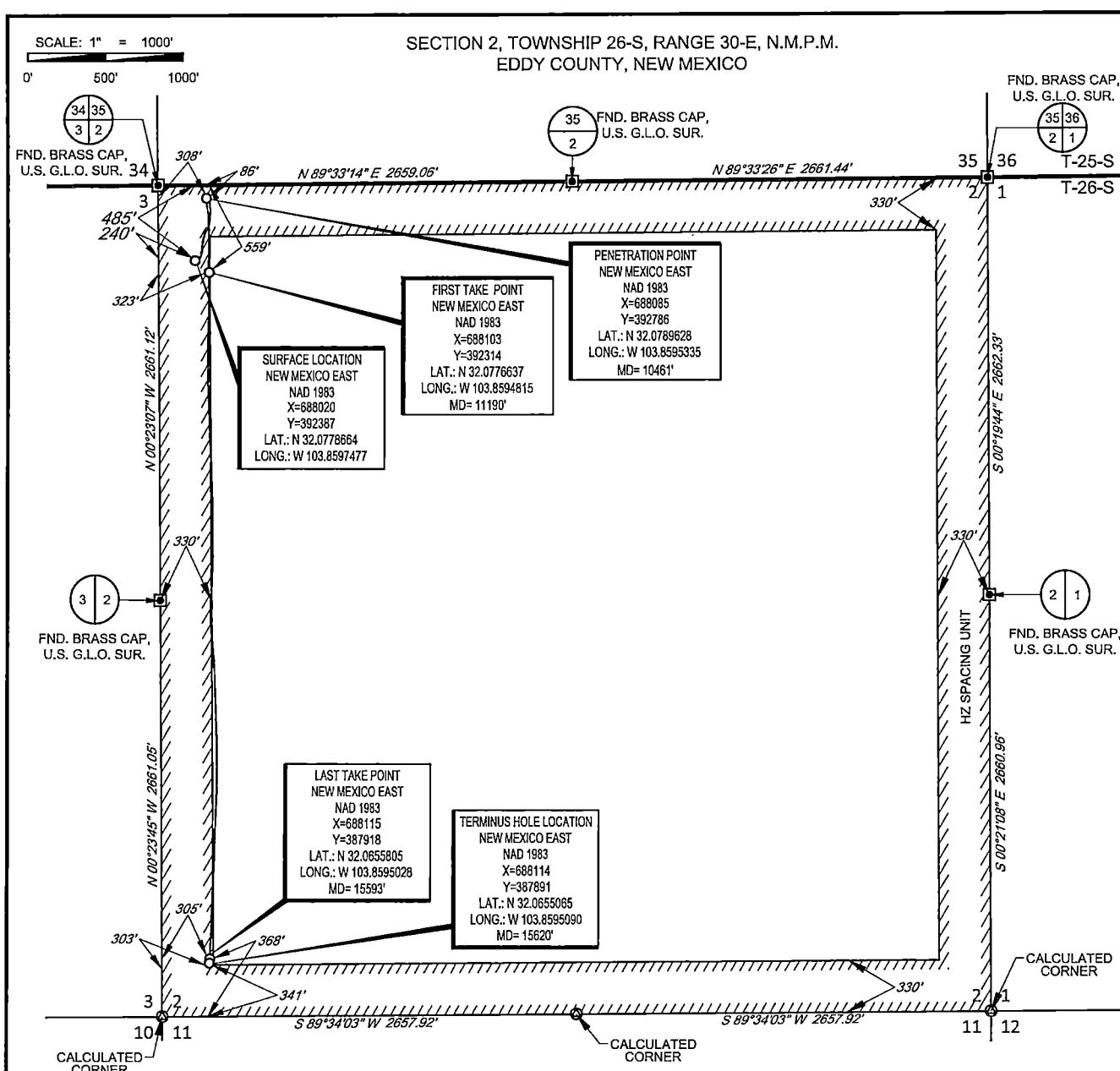
Is this well the defining well for the Horizontal Spacing Unit? ☐ NOIs this well an infill well? ☐ YES

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

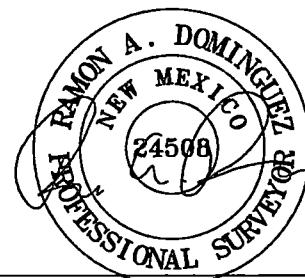
API #30-015-45793
30-025-45793

Operator Name: EOG RESOURCES, INC	Property Name: QUAIL 2 STATE COM	Well Number #707H
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KZ 06/29/2018



LEASE NAME & WELL NO.: QUAIL 2 STATE COM 705H
SECTION 2 TWP 26-S RGE 30-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM ELEVATION 3207'
DESCRIPTION 485' FNL & 240' FWL



Ramon A. Dominguez, PS No. 24508
APRIL 14, 2020



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WWW.TOPOGRAPHIC.COM

QUAIL 2 STATE COM 705H 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, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983. 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: 04/14/2020			
FILE:AD_QUAIL_2_STATE_COM_705H			
DRAWN BY: H.B.			
SHEET : 1 OF 1			



EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Quail 2 State Com

#705H

OH

Design: OH

Final PVA Report

04 December, 2019



Final PVA Report

Company:	EOG Resources - Midland			Local Co-ordinate Reference:	Well #705H
Project:	Eddy County, NM (NAD 83 NME)			TVD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Site:	Quail 2 State Com			MD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Well:	#705H			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: #705H						
Well Position	+N-S	0.0 usft	Northing:	392,387.00 usft	Latitude:	32° 4' 40.319 N
	+E-W	0.0 usft	Easting:	688,020.00 usft	Longitude:	103° 51' 35.091 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	9/9/2019	6.84	59.85	47,593.87117829

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	178.47	

Survey Program					
From (usft)	To (usft)	Date	Survey (Wellbore)	Tool Name	Description
127.0	15,620.0	12/4/2019	DriTech MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1



Final PVA Report

Company:	Eog Resources - Midland	Local Co-ordinate Reference:	Well #705H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey	MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
	127.0	0.18	124.73	127.0	-0.1	0.2	0.14	0.14	0.00	-0.2	0.0
	219.0	0.40	57.56	219.0	0.0	0.6	0.40	0.24	-73.01	-0.5	-0.3
	311.0	0.09	113.15	311.0	0.1	0.9	0.39	-0.34	60.42	-0.8	0.5
	496.0	0.18	200.95	496.0	-0.2	0.9	0.11	0.05	47.46	0.1	0.9
	682.0	0.35	129.14	682.0	-0.8	1.3	0.18	0.09	-38.61	-1.5	0.1
	875.0	0.18	227.40	875.0	-1.4	1.5	0.22	-0.09	50.91	0.1	2.1
	1,065.0	1.06	95.74	1,065.0	-1.8	3.0	0.62	0.46	-69.29	-3.2	-1.5
	1,235.0	1.93	78.34	1,234.9	-1.4	7.4	0.57	0.51	-10.24	-6.9	-3.0
	1,267.0	1.85	74.91	1,266.9	-1.1	8.4	0.43	-0.25	-10.72	-7.5	-4.0
	1,458.0	7.03	38.79	1,457.3	8.8	18.7	2.95	2.71	-18.91	-8.3	-14.4
	1,648.0	7.83	25.70	1,645.7	29.5	31.6	0.98	0.42	-6.89	-10.1	-23.4
	1,839.0	9.06	4.34	1,834.7	56.2	38.4	1.75	0.64	-11.18	-8.4	-27.7
	2,029.0	8.62	5.04	2,022.4	85.3	40.8	0.24	-0.23	0.37	-18.3	-25.2
	2,220.0	7.03	6.54	2,211.6	111.2	43.4	0.84	-0.83	0.79	-25.1	-22.7
	2,411.0	5.19	16.29	2,401.6	131.1	47.1	1.10	-0.96	5.10	-28.9	-17.8
	2,601.0	4.13	14.80	2,590.9	146.0	51.3	0.56	-0.56	-0.78	-24.0	-20.0
	2,792.0	4.13	13.30	2,781.4	159.3	54.6	0.06	0.00	-0.79	-17.2	-21.4
	2,983.0	4.66	13.83	2,971.9	173.6	58.1	0.28	0.28	0.28	-12.1	-22.0
	3,174.0	5.36	35.80	3,162.2	188.3	65.1	1.06	0.37	11.50	-17.4	-21.2
	3,364.0	7.91	26.84	3,350.9	207.2	76.2	1.44	1.34	-4.72	-16.5	-30.3
	3,555.0	6.77	12.16	3,540.3	229.9	84.5	1.14	-0.60	-7.69	-12.4	-37.1
	3,745.0	6.16	2.67	3,729.1	251.1	87.4	0.65	-0.32	-4.99	-7.8	-37.5
	3,936.0	4.75	0.65	3,919.2	269.2	87.9	0.74	-0.74	-1.06	-5.0	-34.4
	4,127.0	5.45	11.37	4,109.5	286.0	89.8	0.62	0.37	5.61	-8.2	-31.3
	4,317.0	5.45	6.27	4,298.6	303.8	92.6	0.25	0.00	-2.68	-3.6	-31.0
	4,508.0	5.01	2.14	4,488.8	321.2	93.9	0.30	-0.23	-2.16	0.9	-28.6



Final PVA Report

Company: EOG Resources - Midland
 Project: Eddy County, NM (NAD 83 NME)
 Site: Quail 2 State Com
 Well: #705H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #705H
 TVD Reference: KB = 22' @ 3229.0usft (Nabors M7502)
 MD Reference: KB = 22' @ 3229.0usft (Nabors M7502)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM

Survey	MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
	4,699.0	4.40	353.88	4,679.2	336.8	93.4	0.48	-0.32	-4.32	8.5	-23.3
	4,889.0	3.61	353.09	4,868.7	350.0	91.9	0.42	-0.42	-0.42	14.4	-17.0
	5,080.0	3.17	349.40	5,059.4	361.1	90.2	0.26	-0.23	-1.93	22.7	-9.0
	5,271.0	3.34	8.21	5,250.1	371.8	90.0	0.56	0.09	9.85	28.0	-13.0
	5,462.0	2.11	12.69	5,440.9	380.8	91.6	0.65	-0.64	2.35	37.8	-15.1
	5,652.0	1.67	3.81	5,630.8	386.9	92.6	0.28	-0.23	-4.67	46.1	-8.0
	5,843.0	1.49	3.90	5,821.7	392.2	92.9	0.09	-0.09	0.05	42.4	-7.8
	6,034.0	0.79	324.08	6,012.7	395.7	92.3	0.53	-0.37	-20.85	34.3	19.5
	6,224.0	0.26	235.58	6,202.7	396.6	91.2	0.43	-0.28	-46.58	-19.1	33.5
	6,415.0	0.26	157.44	6,393.7	395.9	91.0	0.17	0.00	-40.91	-37.2	-12.2
	6,605.0	0.26	204.20	6,583.7	395.1	91.0	0.11	0.00	24.61	-35.1	19.1
	6,796.0	0.35	217.03	6,774.6	394.3	90.5	0.06	0.05	6.72	-31.0	26.5
	6,987.0	0.79	231.27	6,965.6	393.0	89.1	0.24	0.23	7.46	-25.4	33.5
	7,177.0	1.58	201.92	7,155.6	389.7	87.1	0.51	0.42	-15.45	-42.3	16.1
	7,368.0	1.85	186.98	7,346.5	384.2	85.7	0.27	0.14	-7.82	-50.7	3.9
	7,559.0	1.93	174.49	7,537.4	378.0	85.7	0.22	0.04	-6.54	-56.6	-7.8
	7,749.0	1.76	28.68	7,727.4	377.3	87.4	1.86	-0.09	-76.74	50.9	-27.1
	7,940.0	0.88	9.86	7,918.3	381.4	89.0	0.51	-0.46	-9.80	52.7	-10.3
	8,131.0	0.35	249.29	8,109.3	382.6	88.7	0.58	-0.28	-63.18	-17.8	49.3
	8,322.0	0.70	36.33	8,300.3	383.3	88.9	0.53	0.18	76.98	41.1	-31.3
	8,512.0	1.06	280.32	8,490.3	384.6	87.8	0.79	0.19	-61.06	8.9	49.6
	8,703.0	1.23	339.38	8,681.3	386.8	85.4	0.60	0.09	30.92	44.2	19.4
	8,894.0	1.85	76.32	8,872.2	389.5	87.7	1.23	0.32	50.75	11.1	-44.2
	9,085.0	1.67	291.21	9,063.2	391.2	88.1	1.76	-0.09	-75.97	15.9	40.8
	9,276.0	2.81	319.69	9,254.0	395.8	82.4	0.82	0.80	14.91	26.3	29.6
	9,466.0	1.41	341.49	9,443.9	401.5	78.7	0.84	-0.74	11.47	28.8	19.5
	9,657.0	0.26	199.72	9,634.9	403.4	77.8	0.85	-0.60	-74.23	-33.2	1.1



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #705H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Site:	Quail 2 State Corn	MD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey	MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
	9,847.0	0.88	208.51	9,824.9	401.7	76.9	0.33	0.33	4.63	-34.6	6.2
	10,038.0	2.20	245.42	10,015.8	398.9	72.9	0.83	0.69	19.32	-28.7	26.6
	10,229.0	1.49	327.69	10,206.7	399.4	68.2	1.30	-0.37	43.07	19.5	35.7
	10,320.0	1.14	299.48	10,297.7	400.9	66.8	0.80	-0.38	-31.00	-1.6	40.1
	10,407.0	1.23	271.79	10,384.7	401.3	65.1	0.66	0.10	-31.83	-21.8	34.4
	10,439.0	1.32	272.05	10,416.7	401.4	64.4	0.28	0.28	0.81	-22.4	34.5
	10,509.3	11.69	169.05	10,486.5	394.4	65.0	17.16	14.76	-146.60	-35.2	-30.7
KOP (Quail 2 State #705H)											
	10,534.0	15.92	167.39	10,510.5	388.6	66.2	17.16	17.09	-6.72	-39.7	-31.8
	10,581.0	26.84	171.70	10,554.2	371.8	69.1	23.04	22.81	9.17	-54.6	-28.1
	10,629.0	29.46	170.65	10,596.6	349.5	72.6	5.96	5.87	-2.19	-68.0	-27.2
	10,676.0	32.71	172.23	10,636.8	325.5	76.2	7.13	6.91	3.36	-79.6	-22.6
	10,725.0	33.06	175.92	10,678.0	299.1	78.9	4.15	0.71	7.53	-87.6	-15.0
	10,772.0	38.69	176.97	10,716.0	271.6	80.6	12.05	11.98	2.23	-91.0	-11.9
	10,820.0	42.47	178.03	10,752.5	240.4	82.0	8.00	7.87	2.21	-92.4	-9.2
	10,867.0	45.90	179.44	10,786.2	207.7	82.7	7.59	7.30	3.00	-90.9	-7.0
	10,915.0	48.98	177.85	10,818.7	172.3	83.5	6.86	6.42	-3.31	-86.0	-7.7
	10,937.2	51.59	178.67	10,832.8	155.3	84.1	12.11	11.77	3.70	-82.9	-6.5
HL Crossing, MD:10937.2, TVD:10832.8, N/S:155.3, E/W:84.1, INC:51.59											
	10,962.0	54.52	179.52	10,847.7	135.4	84.4	12.11	11.80	3.42	-79.2	-5.7
	11,008.9	62.00	180.54	10,872.4	95.6	84.3	16.06	15.96	2.17	-72.3	-5.5
FTP (Quail 2 State #705H)											
	11,011.0	62.34	180.58	10,873.4	93.7	84.3	16.06	15.97	2.00	-72.0	-5.6
	11,058.0	67.27	181.81	10,893.4	51.2	83.4	10.75	10.49	2.62	-64.8	-6.6
	11,106.0	68.59	181.37	10,911.4	6.8	82.2	2.88	2.75	-0.92	-54.7	-8.7
	11,153.0	70.61	179.26	10,927.8	-37.3	81.9	6.01	4.30	-4.49	-41.0	-9.6
	11,202.0	76.06	178.03	10,941.8	-84.2	83.1	11.38	11.12	-2.51	-27.0	-8.5



Final PVA Report

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #705H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
11,249.0	81.69	180.31	10,950.9	-130.3	83.7	12.89	11.98	4.85	-17.9	-8.0
11,297.0	83.62	180.31	10,957.1	-177.9	83.5	4.02	4.02	0.00	-11.7	-8.5
11,393.0	82.92	179.61	10,968.3	-273.2	83.5	1.03	-0.73	-0.73	-0.3	-9.1
11,489.0	84.33	181.63	10,979.0	-368.6	82.5	2.56	1.47	2.10	10.5	-10.7
11,584.0	91.19	181.10	10,982.7	-463.5	80.2	7.24	7.22	-0.56	14.5	-13.6
11,679.0	91.63	181.02	10,980.3	-558.4	78.5	0.47	0.46	-0.08	12.3	-15.9
11,705.5	91.53	180.73	10,979.6	-584.9	78.1	1.16	-0.36	-1.10	11.6	-16.5
TGT 1 (Quail 2 State #705H)										
11,775.0	91.28	179.96	10,977.9	-654.4	77.7	1.16	-0.36	-1.10	10.3	-17.4
11,870.0	90.31	179.17	10,976.6	-749.4	78.4	1.32	-1.02	-0.83	9.5	-17.3
11,966.0	90.13	177.33	10,976.2	-845.3	81.3	1.93	-0.19	-1.92	9.7	-15.0
12,061.0	90.57	177.59	10,975.6	-940.2	85.5	0.54	0.46	0.27	9.7	-11.4
12,156.0	87.67	177.76	10,977.1	-1,035.1	89.4	3.06	-3.05	0.18	11.7	-8.1
12,251.0	89.60	178.12	10,979.4	-1,130.0	92.8	2.07	2.03	0.38	14.5	-5.3
12,347.0	92.15	177.68	10,977.9	-1,225.9	96.3	2.70	2.66	-0.46	13.6	-2.4
12,442.0	89.16	176.89	10,976.8	-1,320.8	100.8	3.26	-3.15	-0.83	13.1	1.4
12,538.0	90.22	178.03	10,977.3	-1,416.7	105.1	1.62	1.10	1.19	14.2	5.1
12,633.0	92.86	179.70	10,974.8	-1,511.7	106.9	3.29	2.78	1.76	12.2	6.4
12,728.0	94.53	180.05	10,968.6	-1,606.5	107.1	1.80	1.76	0.37	6.6	5.9
12,824.0	94.18	179.61	10,961.4	-1,702.2	107.4	0.58	-0.36	-0.46	-0.1	5.6
12,919.0	89.08	177.76	10,958.7	-1,797.1	109.6	5.71	-5.37	-1.95	-2.2	7.2
13,015.0	90.75	180.75	10,958.8	-1,893.1	110.9	3.57	1.74	3.11	-1.5	7.8
13,110.0	89.87	181.63	10,958.3	-1,988.0	108.9	1.31	-0.93	0.93	-1.5	5.2
13,205.0	91.01	184.36	10,957.6	-2,082.9	103.9	3.11	1.20	2.87	-1.6	-0.4
13,301.0	92.42	182.86	10,954.7	-2,178.6	97.9	2.14	1.47	-1.56	-3.9	-7.0
13,396.0	88.37	177.85	10,954.0	-2,273.6	97.3	6.78	-4.26	-5.27	-4.0	-8.2
13,491.0	87.76	175.92	10,957.2	-2,368.4	102.4	2.13	-0.64	-2.03	-0.3	-3.7



Final PVA Report

Company: EOG Resources - Midland
 Project: Eddy County, NM (NAD 83 NME)
 Site: Quail 2 State Com
 Well: #705H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #705H
 TVD Reference: KB = 22' @ 3229.0usft (Nabors M7502)
 MD Reference: KB = 22' @ 3229.0usft (Nabors M7502)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM

Survey	MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
	13,587.0	88.46	175.22	10,960.4	-2,464.1	109.9	1.03	0.73	-0.73	3.5	3.1
	13,682.0	92.33	176.01	10,959.7	-2,558.8	117.1	4.16	4.07	0.83	3.4	9.7
	13,745.6	91.63	175.83	10,957.5	-2,622.1	121.6	1.14	-1.11	-0.28	1.6	13.9
TGT 2 (Quail 2 State #705H)											
	13,777.0	91.28	175.74	10,956.8	-2,653.5	124.0	1.14	-1.11	-0.28	0.9	16.0
	13,873.0	92.24	178.64	10,953.8	-2,749.3	128.7	3.18	1.00	3.02	-1.5	20.1
	13,968.0	90.92	178.20	10,951.2	-2,844.2	131.3	1.46	-1.39	-0.46	-3.6	22.1
	14,064.0	90.13	178.11	10,950.3	-2,940.2	134.4	0.83	-0.82	-0.09	-4.0	24.5
	14,159.0	90.75	178.55	10,949.6	-3,035.1	137.1	0.80	0.65	0.46	-4.2	26.7
	14,254.0	89.96	178.46	10,949.0	-3,130.1	139.6	0.84	-0.83	-0.09	-4.3	28.6
	14,349.0	91.54	181.10	10,947.7	-3,225.1	140.0	3.24	1.66	2.78	-5.1	28.3
	14,445.0	90.22	179.87	10,946.3	-3,321.0	139.2	1.88	-1.37	-1.28	-6.0	26.9
	14,540.0	90.40	182.33	10,945.8	-3,416.0	137.3	2.60	0.19	2.59	-6.0	24.4
	14,636.0	91.19	182.68	10,944.4	-3,511.9	133.1	0.90	0.82	0.36	-6.9	19.6
	14,731.0	91.80	182.07	10,941.9	-3,606.8	129.2	0.91	0.64	-0.64	-8.8	15.1
	14,826.0	91.89	182.42	10,938.9	-3,701.7	125.5	0.38	0.09	0.37	-11.4	10.7
	14,922.0	88.11	182.68	10,938.9	-3,797.6	121.2	3.95	-3.94	0.27	-10.8	5.8
	15,017.0	88.64	181.80	10,941.6	-3,892.5	117.5	1.08	0.56	-0.93	-7.6	1.5
	15,113.0	92.15	181.54	10,940.9	-3,988.4	114.7	3.67	3.66	-0.27	-7.8	-1.9
	15,208.0	90.40	182.15	10,938.8	-4,083.3	111.7	1.95	-1.84	0.64	-9.4	-5.6
	15,303.0	88.72	181.54	10,939.5	-4,178.3	108.6	1.88	-1.77	-0.64	-8.2	-9.2
	15,399.0	91.71	182.24	10,939.2	-4,274.2	105.4	3.20	3.11	0.73	-8.0	-13.0
	15,494.0	89.43	182.59	10,938.2	-4,369.1	101.4	2.43	-2.40	0.37	-8.5	-17.6
	15,562.0	90.40	183.82	10,938.3	-4,437.0	97.6	2.30	1.43	1.81	-8.0	-21.9
Final MWD Survey (MD=15562.0')											
	15,620.0	90.40	183.82	10,937.9	-4,494.9	93.8	0.00	0.00	0.00	-8.1	-26.1
Final Projection to Bit (MD=15620.0') - PBHL (Quail 2 State #705H)											



Final PVA Report

Company:	Eog Resources - Midland	Local Co-ordinate Reference:	Well #705H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Site:	Quail 2 State Com	MD Reference:	KB = 22' @ 3229.0usft (Nabors M7502)
Well:	#705H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,937.2	10,832.8	155.3	84.1	HL Crossing, MD:10937.2', TVD:10832.8', N/S:155.3', E/W:84.1', INC:51.59
15,562.0	10,938.3	-4,437.0	97.6	Final MWD Survey (MD=15562.0')
15,620.0	10,937.9	-4,494.9	93.8	Final Projection to Bit (MD=15620.0')

Checked By: _____ Approved By: _____ Date: _____

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

Kay Maddox 9/18/20
Signed Date



Eddy County, NM (NAD 83 NME)

Quail 2 State Com #705H

Nabors M7502

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: #705H

KB = 22' @ 3229.0usft (Nabors M7502) 3207.0
 Northing 392387.00 Easting 688020.00 Latitude 32° 4' 40.319 N Longitude 103° 51' 35.091 W



Azimuths to Grid North
 True North: -0.25°
 Magnetic North: 6.58°

Magnetic Field
 Strength: 47593.9nT
 Dip Angle: 59.85°
 Date: 9/9/2019
 Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.58°
 To convert a Magnetic Direction to a True Direction, Add 6.84° East
 To convert a True Direction to a Grid Direction, Subtract 0.25°

SECTION DETAILS

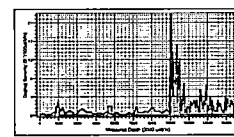
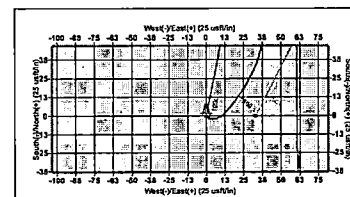
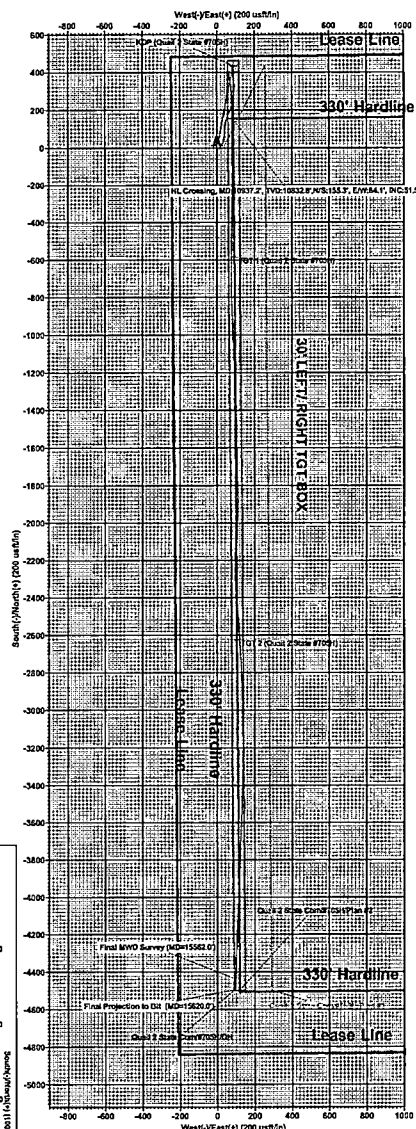
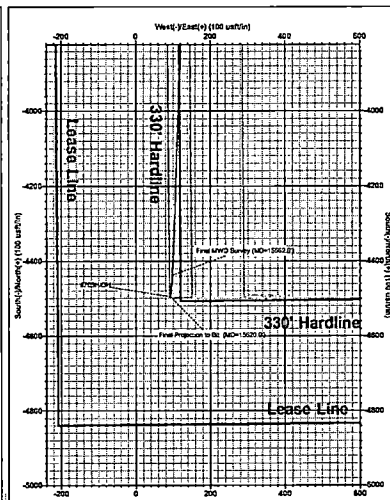
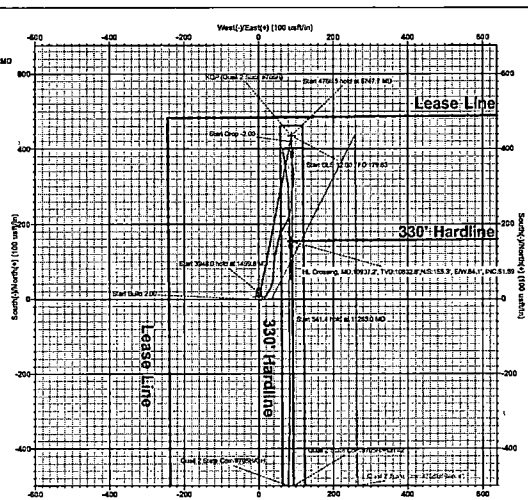
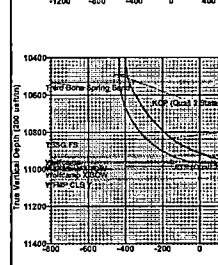
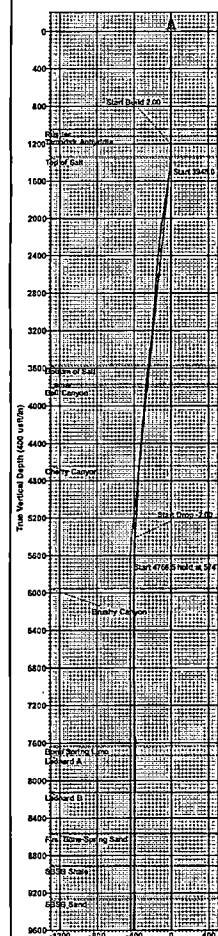
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1499.8	6.00	11.44	1499.3	15.4	3.1	2.00	11.44	-15.3	
4	5447.9	6.00	11.44	5425.7	419.6	84.9	0.00	0.00	-417.2	
5	5747.7	0.00	0.00	5725.0	435.0	88.0	2.00	180.00	-432.5	
6	10514.2	0.00	0.00	10491.5	435.0	88.0	0.00	0.00	-432.5	KOP (Quail 2 State #705H)
7	11265.0	90.10	179.63	10969.0	-43.3	91.1	12.00	178.63	45.7	
8	11806.5	90.10	179.63	10968.0	-584.7	94.6	0.00	0.00	587.0	TGT 1 (Quail 2 State #705H)
9	11818.3	90.34	179.63	10968.0	-596.5	94.7	2.00	0.00	598.8	
10	13844.9	90.34	179.63	10956.0	-2623.1	107.8	0.00	0.00	2625.0	TGT 2 (Quail 2 State #705H)
11	13846.5	90.31	179.63	10956.0	-2624.7	107.8	2.00	180.00	2626.7	
12	15718.9	90.31	179.63	10946.0	-4497.0	119.9	0.00	0.00	4498.6	PBHL (Quail 2 State #705H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Quail 2 State #705H)	10491.5	435.0	88.0	392387.00	688020.00
TGT 1 (Quail 2 State #705H)	10968.0	-584.7	94.6	391602.30	688114.60
TGT 2 (Quail 2 State #705H)	10956.0	-2623.1	107.8	389763.50	688177.78
PBHL (Quail 2 State #705H)	10946.0	-4497.0	119.9	387690.00	688139.50
FTP (Quail 2 State #705H)	10969.0	155.0	88.0	392542.00	688102.00



Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name		
								QUAIL 2 STATE COM		
								6. Well Number:		
								705H		
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						PURPLE SAGE; WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	2	26S	30E		485	NORTH	240	WEST	LEA
BH:	M	2	26S	30E		341	SOUTH	303	WEST	LEA
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.)		
10/27/2019	12/01/2019		12/04/2019			09/07/2020		3207' GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
MD 15,620' TVD 10,937'			MD 15,593' TVD 10,937'			YES		None		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
WOLFCAMP 11,190 - 15,593"										
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		1,186'		12 1/4"		600 CL C/CIRC		
7 5/8"		29.7# ECP 110		10,383'		8 3/4"		2150 CL C & H/SURF		
5 1/2"		20# HCP 110		15,620'		6 3/4"		500 CL H TOC 6610'		CBL
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
11,190 - 15,593" 3 1/8", 840 HOLES						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,190 - 15,593'		FRAC W/10,780,300 lbs proppant, 161,628 bbls load fld		
PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
09/07/2020		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
09/12/2020	24	34		1072	4183	4212	3902			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	2561					49				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
SOLD										
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										
Printed										
Signature			Name			Title			Date	
			Kay Maddox			Senior Regulatory Specialist			09/21/2020	
E-mail Address kay_maddox@eogresources.com										

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

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy	Rustler	1041'	T. Canyon	Brushy	5990'	T. Ojo Alamo	T. Penn A "
T. Salt		1407'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		3657'	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	8568'		T. Entrada	
T. Wolfcamp		10,928'	T. 2nd BS Sand	9264'		T. Wingate	
T. Penn			T. 3rd BS Sand	10,531'		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

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 14100

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	14100	Action Type:	C-104C
OCD Reviewer									Condition
abustamante									None