Form 3160-5
(June 2015)

HOBBS OCD- RECEIVED 11/19/20

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM26396

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
NORTH RIDGE 8040 FEDERAL COM 3H

2. Name of Operator
BTA OIL PRODUCERS LLC
Contact: KATY REDDELL
E-Mail: kreddell@btaoil.com

9. API Well No.
30-025-46959-00-X1

3a. Address
104 S. PECOS
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-682-3753 Ext: 139

10. Field and Pool or Exploratory Area
ANTELOPE RIDGE-BONE SPRING NO

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T22S R34E NENE 300FNL 1095FEL
32.354599 N Lat, 103.435829 W Lon

11. County or Parish, State
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

7/02/2020: SPUD WELL

7/05/2020: DRILLED 17 1/2" HOLE. SET CASING AT 13 3/8" 54.5# J-55 STC CASING @ 1,813' WITH 1,275 SACKS OF CEMENT. CEMENT CIRCULATED TO SURFACE.

8/02/2020: TEST 13 3/8" CASING TO 1,500 PSI FOR 30 MIN. GOOD TEST.

8/06/2020: DRILLED 12 1/4" HOLE. SET 9 5/8" 40# J-55 LTC CASING @4,747' WITH 560 SACKS OF CEMENT. OPEN DV TOOL AT 3,577' CEMENT CIRCULATED TO SURFACE OFF DV TOOL. PUMP SECOND STAGE WITH 1,880 SACKS OF CEMENT. CEMENT CIRCULATED TO SURFACE. TEST 9 5/8" CASING TO 1,500 PSI FOR 30 MIN. GOOD TEST.

8/18/2020: REACHED TD @ 18,157'

12/3/2020 - PM NMOCD

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #528468 verified by the BLM Well Information System
For BTA OIL PRODUCERS LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/03/2020 (20PP3533SE)

Name *(Printed/Typed)* KATY REDDELL — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 09/02/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title JONATHON SHEPARD PETROELUM ENGINEER — Date 09/15/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #528468 that would not fit on the form

32. Additional remarks, continued

8/18/2020: DRILLED 8 3/4" HOLE. SET 5 1/2" 17# P-110 GBCD CASING @ 18,157' WITH 2,565 SACKS OF CEMENT. CEMENT CIRCULATED TO SURFACE.

PBTD: 18,155'

8/21/2020: RIG RELEASED.

Revisions to Operator-Submitted EC Data for Sundry Notice #528468

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG NOI	DRG SR
Lease:	NMNM26396	NMNM26396
Agreement:		
Operator:	BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX 79701 Ph: 432-682-3753	BTA OIL PRODUCERS LLC 104 S. PECOS MIDLAND, TX 79701 Ph: 4326823753
Admin Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139
Tech Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139
Location: State: County:	 NM LEA	 NM LEA
Field/Pool:	ANTELOPE RIDGE-BONE SPRIN	ANTELOPE RIDGE-BONE SPRING NOR
Well/Facility:	NORTH RIDGE 8040 FEDERAL COM 3H Sec 35 T22S R34E NENE 300FNL 1095FEL 32.354599 N Lat, 103.435829 W Lon	NORTH RIDGE 8040 FEDERAL COM 3H Sec 35 T22S R34E NENE 300FNL 1095FEL 32.354599 N Lat, 103.435829 W Lon

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., Sante 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.
Sante Fe, NM 87505

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

☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-46735	59900	TRIPLE X; BONE SPRING

[4]Property Code	[5]Property Name	[6]Well Number
313956	NEPTUNE 10 STATE COM	205H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3608'

[10]Surface Location

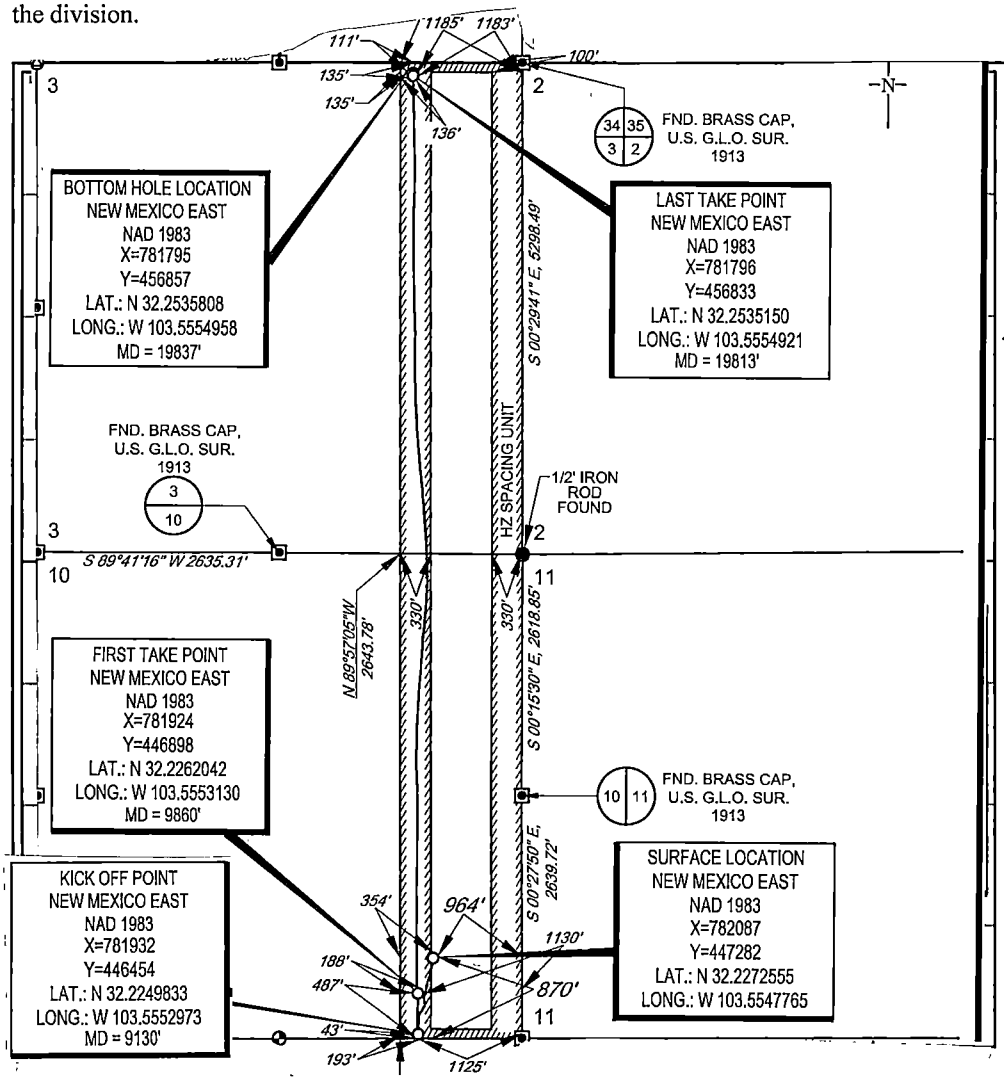
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	10	24-S	33-E	–	870'	SOUTH	964'	EAST	LEA

[11]Bottom 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
A	3	24-S	33-E	–	135'	NORTH	1185'	EAST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
320.05			NSL 7987

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.



[17]OPERATOR 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 — Signature
11/17/2020 — Date

KAY MADDOX — Printed Name

KAY_MADDOX@EOGRESOURCES.COM — E-mail Address

[18]SURVEYOR CERTIFICATION

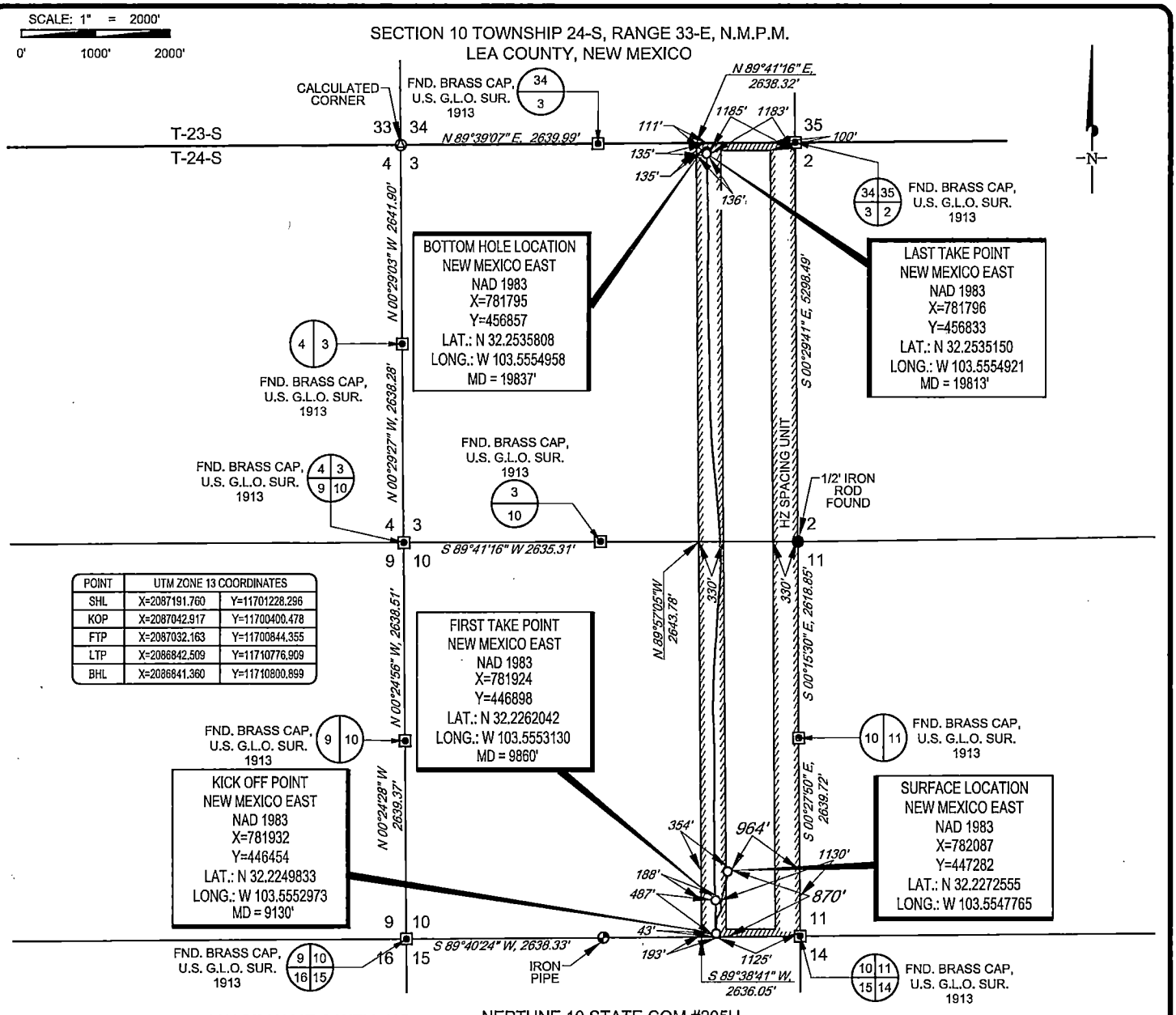
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

11/20/2019 — Date of Survey

Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number



POINT	UTM ZONE 13 COORDINATES	
SHL	X=2087191.760	Y=11701228.296
KOP	X=2087042.917	Y=11700400.478
FTP	X=2087032.163	Y=11700844.355
LTP	X=2086842.509	Y=11710776.909
BHL	X=2086841.360	Y=11710800.899

LEASE NAME & WELL NO.: NEPTUNE 10 STATE COM #205H

SECTION 10 TWP 24-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3608'

DESCRIPTION 870' FSL & 964' FEL

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

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

Ramon A. Dominguez, P.S. No. 24508
JULY 30, 2020

eog resources, inc.

NEPTUNE 10 STATE COM #205H AS-COMPLETE	REVISION: INT	DATE
DATE: 07/30/2020		
FILE: AD_NEPTUNE10STATECOM_205H		
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.

Z:\SURVEY\EOG_MIDLAND\NEPTUNE_10_STATE_COM\FINAL_PRODUCTS\AD_NEPTUNE10STATECOM_205H.DWG 7/31/2020 2:26:21 PM eochoa

Intent [ ] As Drilled [XXX]

API #
30-025-46735

Operator Name:	Property Name:	Well Number
EOG RESOURCES, INC	NEPTUNE 10 STATE COM	205H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	10	24S	33E		43	SOUTH	1125	EAST	LEA

Latitude	Longitude	NAD
32.2249833	103.5552973	1983

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	10	24S	33E		487	SOUTH	1130	EAST	LEA

Latitude	Longitude	NAD
32.2262042	103.5553130	1983

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	3	24S	33E		135	NORTH	1183	EAST	LEA

Latitude	Longitude	NAD
32.2535150	103.5554921	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:	Property Name:	Well Number
EOG RESOURCES, INC		

KZ 06/29/2018

EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Neptune 10 State Com
#205H
OH

Design: OH

Midland PVA

17 March, 2020

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	MD Reference:	KB 25 @ 3633.0usft
Well:	#205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Project Lea County, NM (NAD 83 NME)

Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Neptune 10 State Com

Site Position:		Northing:	446,557.00 usft	Latitude:	32° 13' 31.172 N
From:	Map	Easting:	778,964.00 usft	Longitude:	103° 33' 53.609 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well #205H

Well Position	+N/-S	0.0 usft	Northing:	447,282.00 usft	Latitude:	32° 13' 38.123 N
	+E/-W	0.0 usft	Easting:	782,087.00 usft	Longitude:	103° 33' 17.194 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,608.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/5/2020	6.65	60.03	47,661.03878447

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	358.49

Survey Program Date 3/17/2020

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
175.0	19,837.0	Prodirectional (OH)	EOG MWD+IFR1	MWD + IFR1

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	MD Reference:	KB 25 @ 3633.0usft
Well:	#205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	1.0	0.0
175.0	0.90	90.70	175.0	0.0	1.4	0.51	0.51	0.00	-1.4	0.0
317.0	0.90	96.60	317.0	-0.2	3.6	0.07	0.00	4.15	-3.6	0.3
405.0	0.70	86.40	405.0	-0.2	4.8	0.28	-0.23	-11.59	-4.8	-0.5
494.0	0.60	80.00	494.0	-0.1	5.8	0.14	-0.11	-7.19	-5.7	-1.1
589.0	0.70	86.00	589.0	0.0	6.9	0.13	0.11	6.32	-6.9	-0.4
683.0	0.40	77.80	683.0	0.1	7.8	0.33	-0.32	-8.72	-7.6	-1.5
872.0	0.60	50.70	871.9	0.9	9.2	0.16	0.11	-14.34	-7.7	-5.1
966.0	0.70	59.50	965.9	1.5	10.1	0.15	0.11	9.36	-9.4	-3.8
1,061.0	0.90	80.00	1,060.9	1.9	11.3	0.36	0.21	21.58	-11.5	-0.1
1,156.0	1.10	75.40	1,155.9	2.3	12.9	0.23	0.21	-4.84	-13.1	-1.0
1,284.0	1.20	83.60	1,283.9	2.8	15.4	0.15	0.08	6.41	-15.7	1.0
1,422.0	0.70	88.50	1,421.9	2.9	17.7	0.37	-0.36	3.55	-17.8	2.5
1,517.0	0.70	76.80	1,516.9	3.1	18.9	0.15	0.00	-12.32	-19.1	-1.3
1,612.0	1.20	190.70	1,611.9	2.2	19.2	1.70	0.53	119.89	7.9	18.5
1,706.0	2.20	189.20	1,705.8	-0.5	18.8	1.06	1.06	-1.60	9.8	19.0
1,801.0	5.90	194.30	1,800.6	-7.0	17.3	3.91	3.89	5.37	13.1	17.9
1,896.0	6.20	197.60	1,895.0	-16.7	14.5	0.48	0.32	3.47	15.5	16.3
1,990.0	6.50	196.80	1,988.5	-26.6	11.4	0.33	0.32	-0.85	18.5	15.3
2,085.0	9.40	196.90	2,082.5	-39.2	7.6	3.05	3.05	0.11	19.4	14.0
2,179.0	9.50	198.20	2,175.3	-53.9	3.0	0.25	0.11	1.38	18.0	12.3
2,274.0	9.10	199.00	2,269.0	-68.4	-1.9	0.44	-0.42	0.84	16.7	10.4
2,368.0	8.80	199.10	2,361.9	-82.3	-6.7	0.32	-0.32	0.11	15.8	8.7
2,463.0	8.50	200.60	2,455.8	-95.7	-11.5	0.40	-0.32	1.58	15.6	6.4
2,557.0	8.50	198.20	2,548.7	-108.8	-16.1	0.38	0.00	-2.55	15.2	5.3
2,651.0	10.50	192.80	2,641.5	-123.7	-20.2	2.33	2.13	-5.74	13.0	5.8
2,746.0	10.50	191.90	2,734.9	-140.7	-23.9	0.17	0.00	-0.95	9.5	5.9

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	MD Reference:	KB 25 @ 3633.0usft
Well:	#205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,840.0	10.10	191.90	2,827.3	-157.1	-27.4	0.43	-0.43	0.00	6.6	5.9
2,935.0	9.80	192.20	2,920.9	-173.2	-30.8	0.32	-0.32	0.32	4.1	5.9
3,030.0	9.70	194.30	3,014.5	-188.8	-34.5	0.39	-0.11	2.21	2.2	5.5
3,124.0	9.40	193.90	3,107.2	-203.9	-38.3	0.33	-0.32	-0.43	0.4	5.0
3,219.0	8.80	192.90	3,201.0	-218.6	-41.8	0.65	-0.63	-1.05	-0.7	4.7
3,314.0	8.20	192.20	3,295.0	-232.3	-44.8	0.64	-0.63	-0.74	-0.8	4.5
3,408.0	7.60	193.10	3,388.1	-244.9	-47.7	0.65	-0.64	0.96	0.2	4.4
3,503.0	8.50	191.10	3,482.2	-257.9	-50.4	0.99	0.95	-2.11	0.8	4.4
3,597.0	10.20	194.80	3,574.9	-272.7	-53.9	1.92	1.81	3.94	-0.4	4.1
3,692.0	9.60	192.80	3,668.5	-288.6	-57.8	0.73	-0.63	-2.11	-2.9	3.6
3,786.0	9.10	192.00	3,761.3	-303.5	-61.1	0.55	-0.53	-0.85	-4.4	3.5
3,881.0	8.40	193.30	3,855.2	-317.6	-64.2	0.77	-0.74	1.37	-4.8	3.4
3,975.0	8.30	192.60	3,948.2	-330.9	-67.3	0.15	-0.11	-0.74	-4.6	3.1
4,069.0	8.00	195.00	4,041.2	-343.9	-70.5	0.48	-0.32	2.55	-3.9	2.9
4,164.0	7.60	194.00	4,135.3	-356.3	-73.7	0.44	-0.42	-1.05	-2.9	2.2
4,258.0	8.00	196.80	4,228.5	-368.6	-77.1	0.59	0.43	2.98	-1.7	1.5
4,353.0	9.00	198.10	4,322.4	-382.0	-81.3	1.07	1.05	1.37	-1.8	0.2
4,448.0	8.50	195.30	4,416.3	-395.9	-85.5	0.69	-0.53	-2.95	-2.3	-1.1
4,542.0	8.20	189.50	4,509.3	-409.2	-88.4	0.95	-0.32	-6.17	-1.9	-1.4
4,636.0	8.00	186.00	4,602.4	-422.3	-90.2	0.57	-0.21	-3.72	-1.3	-0.4
4,731.0	7.20	182.60	4,696.5	-434.8	-91.2	0.97	-0.84	-3.58	0.0	1.4
4,919.0	7.40	167.40	4,883.0	-458.4	-89.1	1.03	0.11	-8.09	1.4	9.8
5,014.0	7.50	162.80	4,977.2	-470.3	-85.9	0.64	0.11	-4.84	0.6	16.2
5,109.0	8.50	169.90	5,071.3	-483.1	-82.8	1.48	1.05	7.47	2.4	22.1
5,202.0	7.80	170.40	5,163.4	-496.1	-80.6	0.76	-0.75	0.54	2.2	27.2
5,297.0	8.90	191.70	5,257.4	-509.7	-81.0	3.43	1.16	22.42	12.4	27.0
5,391.0	9.90	208.30	5,350.1	-523.9	-86.3	3.06	1.06	17.66	17.8	20.6

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #205H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	**MD Reference:**	KB 25 @ 3633.0usft
Well:	#205H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,486.0	11.50	223.60	5,443.5	-536.0	-96.7	3.42	1.68	16.11	17.1	10.0
5,581.0	11.30	200.60	5,536.7	-553.5	-106.5	4.76	-0.21	-24.21	7.6	10.1
5,676.0	11.00	203.80	5,629.9	-570.5	-113.4	0.72	-0.32	3.37	3.4	7.3
5,770.0	10.70	226.20	5,722.2	-584.8	-123.4	4.47	-0.32	23.83	0.3	1.1
5,864.0	9.60	217.10	5,814.8	-597.1	-134.4	2.07	-1.17	-9.68	-3.8	-6.1
5,959.0	8.80	197.80	5,908.6	-610.3	-141.4	3.34	-0.84	-20.32	-2.4	-11.0
6,054.0	9.20	189.20	6,002.4	-624.7	-144.8	1.48	0.42	-9.05	-1.5	-11.7
6,148.0	8.70	188.60	6,095.3	-639.2	-147.1	0.54	-0.53	-0.64	-2.2	-10.9
6,243.0	7.70	186.40	6,189.3	-652.6	-148.9	1.10	-1.05	-2.32	-1.4	-9.9
6,337.0	7.20	185.60	6,282.5	-664.7	-150.2	0.54	-0.53	-0.85	0.3	-8.5
6,432.0	7.00	183.70	6,376.8	-676.4	-151.1	0.32	-0.21	-2.00	2.7	-6.6
6,526.0	6.60	181.20	6,470.1	-687.6	-151.6	0.53	-0.43	-2.66	5.5	-4.1
6,621.0	6.60	183.70	6,564.5	-698.5	-152.1	0.30	0.00	2.63	8.3	-2.1
6,716.0	6.70	181.00	6,658.8	-709.5	-152.5	0.35	0.11	-2.84	11.2	0.7
6,810.0	6.50	181.20	6,752.2	-720.3	-152.7	0.21	-0.21	0.21	14.0	3.3
6,905.0	6.20	179.60	6,846.6	-730.8	-152.8	0.37	-0.32	-1.68	17.1	6.5
7,000.0	5.50	177.20	6,941.1	-740.4	-152.5	0.78	-0.74	-2.53	20.7	10.6
7,094.0	5.70	177.00	7,034.7	-749.6	-152.1	0.21	0.21	-0.21	24.9	14.2
7,189.0	5.60	176.50	7,129.2	-758.9	-151.5	0.12	-0.11	-0.53	29.0	18.2
7,283.0	5.40	176.60	7,222.8	-767.9	-151.0	0.21	-0.21	0.11	32.4	21.6
7,378.0	3.90	183.20	7,317.5	-775.6	-150.9	1.67	-1.58	6.95	36.8	19.8
7,472.0	3.70	180.50	7,411.3	-781.8	-151.1	0.29	-0.21	-2.87	36.2	22.7
7,566.0	2.80	165.30	7,505.1	-787.1	-150.6	1.32	-0.96	-16.17	27.0	32.2
7,628.2	2.04	196.60	7,567.3	-789.6	-150.5	2.41	-1.23	50.28	38.0	14.2
Brushy Top (Neptune 10 St Com #205H)										
7,661.0	2.00	219.10	7,600.1	-790.6	-151.0	2.41	-0.11	68.69	39.5	-1.2
7,756.0	1.60	209.30	7,695.0	-793.1	-152.7	0.53	-0.42	-10.32	36.1	5.3

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	MD Reference:	KB 25 @ 3633.0usft
Well:	#205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
7,850.0	1.60	198.70	7,789.0	-795.5	-153.8	0.31	0.00	-11.28	31.9	11.6
7,945.0	1.40	191.20	7,883.9	-797.9	-154.4	0.29	-0.21	-7.89	27.7	15.5
8,040.0	1.50	179.20	7,978.9	-800.2	-154.6	0.34	0.11	-12.63	21.5	20.7
8,134.0	1.30	177.60	8,072.9	-802.5	-154.6	0.22	-0.21	-1.70	18.6	21.2
8,229.0	1.60	175.70	8,167.9	-804.9	-154.4	0.32	0.32	-2.00	15.5	21.8
8,324.0	1.30	184.50	8,262.8	-807.3	-154.4	0.39	-0.32	9.26	16.2	19.4
8,418.0	1.40	175.90	8,356.8	-809.5	-154.4	0.24	0.11	-9.15	11.0	21.4
8,513.0	1.30	182.50	8,451.8	-811.8	-154.4	0.19	-0.11	6.95	11.1	20.2
8,607.0	1.60	172.60	8,545.7	-814.1	-154.3	0.41	0.32	-10.53	5.1	21.6
8,702.0	1.70	171.30	8,640.7	-816.8	-153.9	0.11	0.11	-1.37	1.9	21.7
8,797.0	1.60	181.50	8,735.7	-819.6	-153.7	0.33	-0.11	10.74	3.0	21.2
8,891.0	1.30	178.60	8,829.6	-821.9	-153.7	0.33	-0.32	-3.09	-0.5	21.3
8,986.0	1.60	187.00	8,924.6	-824.3	-153.8	0.39	0.32	8.84	0.3	21.3
9,119.0	1.50	209.40	9,057.6	-827.7	-154.9	0.46	-0.08	16.84	4.3	20.6
9,130.0	0.97	285.04	9,068.6	-827.8	-155.1	14.28	-4.82	687.68	21.1	1.7
KOP, MD:9130.0', TVD:9068.6',N/S:-827.8', E/W:-155.1', INC:0.97										
9,214.0	12.40	348.60	9,151.9	-818.7	-157.6	14.28	13.61	75.66	12.9	-15.3
9,309.0	22.20	356.50	9,242.5	-790.8	-160.7	10.59	10.32	8.32	9.8	-14.1
9,354.7	26.33	357.51	9,284.1	-772.0	-161.6	9.08	9.04	2.21	9.1	-13.4
FTP Crossing, MD:9354.7', TVD:9284.1',N/S:-772.0', E/W:-161.6', INC:26.33										
9,403.0	30.70	358.30	9,326.6	-749.0	-162.5	9.08	9.05	1.64	8.7	-12.9
9,498.0	42.30	1.40	9,402.8	-692.6	-162.4	12.36	12.21	3.26	6.2	-13.7
9,573.1	50.61	2.88	9,454.5	-638.2	-160.3	11.15	11.06	1.97	2.5	-16.1
FTP (Neptune 10 St Com #205H)										
9,592.0	52.70	3.20	9,466.2	-623.4	-159.5	11.15	11.07	1.68	1.4	-17.0
9,686.0	60.50	1.30	9,517.9	-545.1	-156.5	8.47	8.30	-2.02	-2.4	-20.5
9,781.0	67.90	356.40	9,559.3	-459.7	-158.4	9.07	7.79	-5.16	-2.8	-19.4
9,875.0	77.00	356.40	9,587.6	-370.3	-164.0	9.68	9.68	0.00	-2.0	-14.4

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #205H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	**MD Reference:**	KB 25 @ 3633.0usft
Well:	#205H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM

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)
9,970.0	87.30	357.00	9,600.5	-276.5	-169.4	10.86	10.84	0.63	-1.6	-9.7
10,064.0	90.80	359.30	9,602.1	-182.6	-172.4	4.46	3.72	2.45	-0.3	-7.3
10,159.0	90.30	359.40	9,601.2	-87.6	-173.5	0.54	-0.53	0.11	-0.5	-6.9
10,254.0	92.90	359.90	9,598.5	7.4	-174.1	2.79	2.74	0.53	-2.4	-7.1
10,348.0	93.50	359.10	9,593.3	101.2	-174.9	1.06	0.64	-0.85	-7.0	-6.9
10,443.0	92.10	359.50	9,588.6	196.1	-176.1	1.53	-1.47	0.42	-10.9	-6.5
10,537.0	92.90	359.50	9,584.5	290.0	-176.9	0.85	0.85	0.00	-14.3	-6.4
10,632.0	90.70	359.70	9,581.6	385.0	-177.5	2.33	-2.32	0.21	-16.6	-6.4
10,727.0	88.30	359.70	9,582.4	479.9	-178.0	2.53	-2.53	0.00	-15.1	-6.6
10,821.0	87.40	359.70	9,585.9	573.9	-178.5	0.96	-0.96	0.00	-10.9	-6.8
10,916.0	86.60	359.40	9,590.9	668.7	-179.3	0.90	-0.84	-0.32	-5.2	-6.8
11,011.0	89.50	0.00	9,594.1	763.7	-179.8	3.12	3.05	0.63	-1.3	-7.0
11,105.0	92.50	0.30	9,592.5	857.6	-179.5	3.21	3.19	0.32	-2.2	-7.9
11,200.0	92.40	0.50	9,588.4	952.6	-178.9	0.24	-0.11	0.21	-5.6	-9.3
11,200.5	92.40	0.50	9,588.4	953.1	-178.9	0.00	0.00	0.00	-5.6	-9.3
TGT#1(Neptune 10 St Com #205H)										
11,294.0	92.50	0.50	9,584.4	1,046.5	-178.0	0.11	0.11	0.00	-8.3	-10.8
11,389.0	93.50	0.50	9,579.4	1,141.3	-177.2	1.05	1.05	0.00	-11.9	-12.3
11,483.0	93.80	0.20	9,573.4	1,235.1	-176.6	0.45	0.32	-0.32	-16.5	-13.6
11,578.0	94.30	359.90	9,566.7	1,329.9	-176.6	0.61	0.53	-0.32	-21.8	-14.4
11,673.0	91.20	0.40	9,562.2	1,424.8	-176.3	3.31	-3.26	0.53	-25.0	-15.3
11,767.0	89.80	0.10	9,561.4	1,518.8	-175.9	1.52	-1.49	-0.32	-24.4	-16.4
11,862.0	88.30	359.20	9,562.9	1,613.8	-176.5	1.84	-1.58	-0.95	-21.5	-16.6
11,891.8	87.99	359.04	9,563.9	1,643.6	-176.9	1.18	-1.05	-0.53	-20.1	-16.3
TGT#2(Neptune 10 St Com #205H)										
11,957.0	87.30	358.70	9,566.6	1,708.7	-178.2	1.18	-1.05	-0.53	-16.2	-15.5
12,051.0	87.10	358.00	9,571.2	1,802.5	-180.9	0.77	-0.21	-0.74	-10.0	-13.5

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	MD Reference:	KB 25 @ 3633.0usft
Well:	#205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,146.0	86.50	357.80	9,576.5	1,897.3	-184.4	0.67	-0.63	-0.21	-3.0	-10.8
12,240.0	86.30	357.00	9,582.4	1,991.0	-188.6	0.88	-0.21	-0.85	4.5	-7.2
12,334.0	86.40	356.30	9,588.4	2,084.7	-194.1	0.75	0.11	-0.74	12.1	-2.4
12,429.0	89.00	0.30	9,592.2	2,179.5	-196.9	5.02	2.74	4.21	17.6	-0.3
12,460.8	89.17	0.54	9,592.7	2,211.3	-196.7	0.92	0.53	0.74	18.7	-0.7
TGT#3(Neptune 10 St Com #205H)										
12,523.0	89.50	1.00	9,593.4	2,273.5	-195.9	0.92	0.53	0.74	20.3	-1.4
12,618.0	90.30	1.40	9,593.6	2,368.5	-193.9	0.94	0.84	0.42	21.1	-0.6
12,712.0	90.40	1.40	9,593.0	2,462.5	-191.6	0.11	0.11	0.00	20.4	2.1
12,806.0	91.10	2.70	9,591.8	2,556.4	-188.2	1.57	0.74	1.38	19.1	3.8
12,901.0	91.70	2.80	9,589.4	2,651.3	-183.7	0.64	0.63	0.11	16.7	4.4
12,995.0	90.70	3.70	9,587.5	2,745.1	-178.3	1.43	-1.06	0.96	14.6	4.2
13,090.0	91.40	3.70	9,585.7	2,839.9	-172.2	0.74	0.74	0.00	12.7	3.3
13,185.0	90.90	3.50	9,583.8	2,934.7	-166.2	0.57	-0.53	-0.21	10.7	2.5
13,279.0	89.50	4.30	9,583.5	3,028.4	-159.9	1.72	-1.49	0.85	10.3	1.2
13,374.0	90.00	4.30	9,583.9	3,123.2	-152.7	0.53	0.53	0.00	10.6	-0.8
13,468.0	87.80	3.60	9,585.7	3,216.9	-146.3	2.46	-2.34	-0.74	12.3	-2.1
13,563.0	86.20	3.00	9,590.7	3,311.6	-140.8	1.80	-1.68	-0.63	17.1	-2.4
13,657.0	88.60	3.00	9,595.0	3,405.4	-135.9	2.55	2.55	0.00	21.3	-2.2
13,752.0	91.90	4.40	9,594.5	3,500.2	-129.8	3.77	3.47	1.47	20.7	-3.2
13,846.0	93.00	4.50	9,590.5	3,593.8	-122.5	1.18	1.17	0.11	16.6	-5.3
13,916.3	91.95	4.20	9,587.5	3,663.8	-117.1	1.55	-1.49	-0.43	13.5	-6.8
TGT#4(Neptune 10 St Com #205H)										
13,940.0	91.60	4.10	9,586.8	3,687.5	-115.4	1.55	-1.49	-0.43	12.6	-7.3
14,035.0	88.70	3.70	9,586.5	3,782.2	-109.0	3.08	-3.05	-0.42	10.5	-8.6
14,130.0	89.80	4.10	9,587.7	3,877.0	-102.5	1.23	1.16	0.42	9.6	-9.8
14,224.0	90.40	4.30	9,587.6	3,970.8	-95.6	0.67	0.64	0.21	7.3	-11.6

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #205H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	**MD Reference:**	KB 25 @ 3633.0usft
Well:	#205H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM

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)
14,318.0	90.50	4.20	9,586.8	4,084.5	-88.7	0.15	0.11	-0.11	4.5	-13.4
14,391.1	89.58	0.74	9,586.8	4,137.5	-85.5	4.90	-1.26	-4.74	2.8	-12.6
AC TGT(Neptune 10 St Com #205H)										
14,413.0	89.30	359.70	9,587.0	4,159.4	-85.4	4.90	-1.26	-4.74	2.5	-11.6
14,508.0	89.50	356.80	9,588.0	4,254.4	-88.3	3.06	0.21	-3.05	1.6	-5.8
14,602.0	89.40	356.10	9,588.9	4,348.2	-94.1	0.75	-0.11	-0.74	0.8	-0.2
14,696.0	90.50	356.20	9,589.0	4,442.0	-100.5	1.18	1.17	0.11	-0.6	2.8
14,791.0	90.50	356.30	9,588.2	4,536.7	-106.7	0.11	0.00	0.11	-2.7	2.6
14,886.0	90.50	355.60	9,587.3	4,631.5	-113.4	0.74	0.00	-0.74	-4.5	-0.3
14,980.0	90.50	355.40	9,586.5	4,725.2	-120.8	0.21	0.00	-0.21	-6.1	-5.5
15,075.0	90.20	356.00	9,585.9	4,819.9	-127.9	0.71	-0.32	0.63	-7.2	-14.1
15,170.0	90.10	355.30	9,585.7	4,914.7	-135.1	0.74	-0.11	-0.74	-7.7	-25.7
15,264.0	89.60	354.80	9,585.9	5,008.3	-143.2	0.75	-0.53	-0.53	-7.7	-35.5
15,359.0	89.00	354.50	9,587.1	5,102.9	-152.0	0.71	-0.63	-0.32	-6.7	-41.5
15,453.0	89.20	354.10	9,588.6	5,196.4	-161.4	0.48	0.21	-0.43	-5.3	-43.8
15,548.0	88.70	353.90	9,590.3	5,290.9	-171.3	0.57	-0.53	-0.21	-3.6	-42.4
15,643.0	87.10	353.10	9,593.8	5,385.2	-182.1	1.88	-1.68	-0.84	0.0	-37.0
15,737.0	89.10	354.60	9,596.9	5,478.6	-192.1	2.66	2.13	1.60	3.0	-29.1
15,832.0	89.70	354.40	9,597.9	5,573.2	-201.2	0.67	0.63	-0.21	3.9	-20.7
15,926.0	91.00	357.10	9,597.3	5,666.9	-208.2	3.19	1.38	2.87	3.3	-14.5
16,021.0	91.50	357.00	9,595.3	5,761.7	-213.1	0.54	0.53	-0.11	1.2	-10.3
16,115.0	91.90	357.00	9,592.5	5,855.6	-218.0	0.43	0.43	0.00	-1.5	-6.1
16,210.0	92.00	356.40	9,589.2	5,950.4	-223.5	0.64	0.11	-0.63	-4.8	-1.3
16,304.0	92.80	356.30	9,585.3	6,044.1	-229.4	0.86	0.85	-0.11	-8.7	4.0
16,399.0	92.00	358.90	9,581.3	6,138.9	-233.4	2.86	-0.84	2.74	-12.7	7.2
16,493.0	89.20	358.50	9,580.3	6,232.9	-235.5	3.01	-2.98	-0.43	-13.7	8.6
16,588.0	88.30	357.50	9,582.4	6,327.8	-238.9	1.42	-0.95	-1.05	-11.6	11.2

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #205H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	MD Reference:	KB 25 @ 3633.0usft
Well:	#205H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

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)
16,682.0	88.80	357.50	9,584.8	6,421.7	-243.0	0.53	0.53	0.00	-9.2	14.6
16,777.0	88.00	0.90	9,587.4	6,516.6	-244.3	3.68	-0.84	3.58	-6.6	15.3
16,871.0	87.60	0.40	9,591.0	6,610.5	-243.2	0.68	-0.43	-0.53	-2.9	13.5
16,966.0	87.90	0.30	9,594.8	6,705.5	-242.6	0.33	0.32	-0.11	0.8	12.2
17,060.0	87.10	359.80	9,598.9	6,799.4	-242.6	1.00	-0.85	-0.53	4.9	11.4
17,155.0	87.20	359.10	9,603.6	6,894.2	-243.5	0.74	0.11	-0.74	9.6	11.6
17,250.0	85.40	357.30	9,609.7	6,989.0	-246.4	2.68	-1.89	-1.89	15.7	13.9
17,344.0	88.70	358.50	9,614.6	7,082.8	-249.9	3.73	3.51	1.28	20.6	16.6
17,439.0	89.50	358.00	9,616.1	7,177.7	-252.8	0.99	0.84	-0.53	22.1	18.8
17,534.0	89.00	358.10	9,617.3	7,272.7	-256.0	0.54	-0.53	0.11	23.3	21.3
17,628.0	89.70	358.70	9,618.4	7,366.6	-258.6	0.98	0.74	0.64	24.4	23.2
17,723.0	90.20	358.40	9,618.5	7,461.6	-261.0	0.61	0.53	-0.32	24.5	24.9
17,817.0	90.80	358.50	9,617.6	7,555.6	-263.6	0.65	0.64	0.11	23.6	26.7
17,912.0	90.90	0.20	9,616.2	7,650.5	-264.7	1.79	0.11	1.79	22.2	27.1
18,006.0	90.60	359.70	9,615.0	7,744.5	-264.7	0.62	-0.32	-0.53	21.0	26.5
18,101.0	90.90	359.00	9,613.7	7,839.5	-265.8	0.80	0.32	-0.74	19.8	26.9
18,196.0	91.20	358.90	9,612.0	7,934.5	-267.6	0.33	0.32	-0.11	18.0	27.9
18,290.0	90.70	1.40	9,610.4	8,028.5	-267.3	2.71	-0.53	2.66	16.4	26.9
18,385.0	91.30	1.60	9,608.8	8,123.4	-264.8	0.67	0.63	0.21	14.8	23.7
18,480.0	92.00	1.40	9,606.1	8,218.3	-262.3	0.77	0.74	-0.21	12.0	20.5
18,574.0	90.40	1.20	9,604.1	8,312.3	-260.2	1.72	-1.70	-0.21	10.1	17.7
18,669.0	88.50	0.70	9,605.0	8,407.3	-258.6	2.07	-2.00	-0.53	11.0	15.4
18,763.0	87.80	359.40	9,608.0	8,501.2	-258.6	1.57	-0.74	-1.38	14.0	14.6
18,858.0	86.90	359.00	9,612.4	8,596.1	-259.9	1.04	-0.95	-0.42	18.4	15.3
18,953.0	86.60	357.70	9,617.8	8,690.9	-262.6	1.40	-0.32	-1.37	23.8	17.3
19,047.0	87.10	358.10	9,623.0	8,784.7	-266.1	0.68	0.53	0.43	29.0	20.0
19,141.0	87.60	357.70	9,627.3	8,878.5	-269.5	0.68	0.53	-0.43	33.3	22.7

EOG Resources
Midland PVA

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #205H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB 25 @ 3633.0usft
Site:	Neptune 10 State Com	**MD Reference:**	KB 25 @ 3633.0usft
Well:	#205H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM

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)
19,236.0	89.10	358.40	9,630.1	8,973.4	-272.7	1.74	1.58	0.74	36.1	25.2
19,331.0	89.40	357.70	9,631.3	9,068.4	-276.0	0.80	0.32	-0.74	37.3	27.8
19,425.0	89.10	359.50	9,632.5	9,162.3	-278.3	1.94	-0.32	1.91	38.5	29.4
19,520.0	89.10	358.90	9,634.0	9,257.3	-279.6	0.63	0.00	-0.63	40.0	30.0
19,614.0	89.40	358.50	9,635.3	9,351.3	-281.7	0.53	0.32	-0.43	41.3	31.4
19,709.0	89.00	357.50	9,636.6	9,446.2	-285.0	1.13	-0.42	-1.05	42.6	34.0
19,779.0	89.10	356.80	9,637.7	9,516.1	-288.5	1.01	0.14	-1.00	43.8	36.9
Last MWD Survey (MD=19779.0')										
19,836.1	89.10	356.80	9,638.6	9,573.1	-291.7	0.00	0.00	0.00	44.6	39.7
PBHL (Neptune 10 St Com #205H)										
19,837.0	89.10	356.80	9,638.7	9,574.0	-291.7	0.00	0.00	0.00	44.7	39.7
Projection to Bit (MD=19837.0')										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
9,130.0	9,068.6	-827.8	-155.1	KOP, MD:9130.0', TVD:9068.6',N/S:-827.8', E/W:-155.1', INC:0.97
9,354.7	9,284.1	-772.0	-161.6	FTP Crossing, MD:9354.7', TVD:9284.1',N/S:-772.0', E/W:-161.6', INC:26.33
19,779.0	9,637.7	9,516.1	-288.5	Last MWD Survey (MD=19779.0')
19,837.0	9,638.7	9,574.0	-291.7	Projection to Bit (MD=19837.0')

Checked By: _____ Approved By: _____ Date: _____

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

Kay Maddox 11/17/2020

Signed *Date*

eog resources

Lea County, NM (NAD 83 NME)

Neptune 10 State Com #205H

Plan #1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

Azimuths to Grid North
True North: -0.42°
Magnetic North: 6.24°

Magnetic Field
Strength: 47661.0nT
Dip Angle: 60.03°
Date: 3/5/2020
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.24°
To convert a Magnetic Direction to a True Direction, Add 6.65° East
To convert a True Direction to a Grid Direction, Subtract 0.42°

WELL DETAILS: #205H

3608.0
KB = 25 @ 3632.0usft

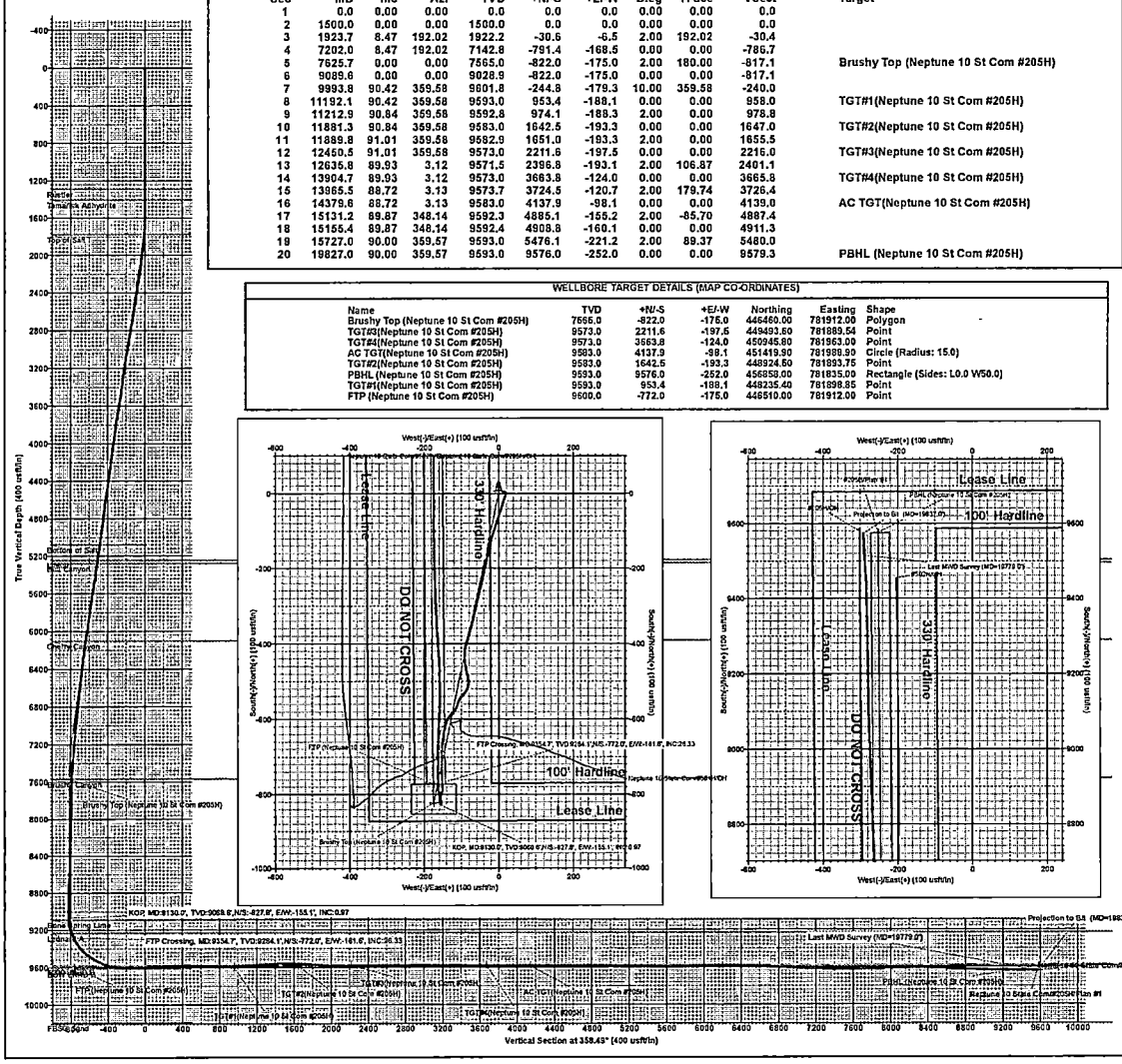
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	447282.00	782087.00	32° 13' 38.123 N	103° 33' 17.194 W	

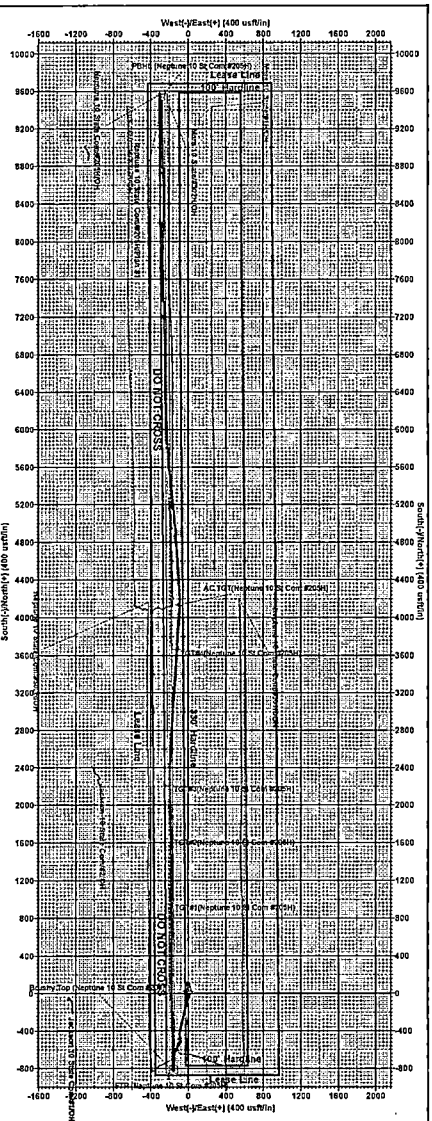
SECTION DETAILS

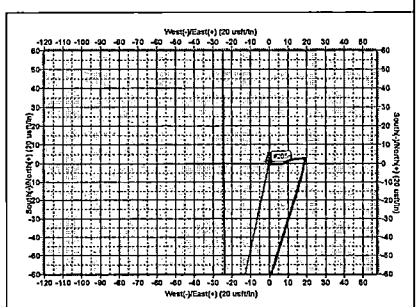
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1923.7	8.47	192.02	1922.2	-30.6	-6.5	2.00	192.02	-30.4	
4	7202.0	8.47	192.02	7142.8	-791.4	-168.5	0.00	0.00	-786.7	
5	7625.7	0.00	0.00	7565.0	-822.0	-175.0	2.00	180.00	-817.1	Brushy Top (Neptune 10 St Com #205H)
6	9089.6	0.00	0.00	9028.9	-822.0	-175.0	0.00	0.00	-817.1	
7	9993.8	90.42	359.58	9601.8	-244.8	-179.3	10.00	359.58	-240.0	
8	11192.1	90.42	359.58	9593.0	953.4	-188.1	0.00	0.00	958.0	TGT#1(Neptune 10 St Com #205H)
9	11212.9	90.84	359.58	9592.8	974.1	-188.3	2.00	0.00	978.8	
10	11881.3	90.84	359.58	9583.0	1642.5	-193.3	0.00	0.00	1647.0	TGT#2(Neptune 10 St Com #205H)
11	11889.8	91.01	359.58	9582.9	1651.0	-193.3	2.00	0.00	1655.5	
12	12450.5	91.01	359.58	9573.0	2211.6	-197.5	0.00	0.00	2216.0	TGT#3(Neptune 10 St Com #205H)
13	12635.8	89.93	3.12	9571.5	2396.8	-193.1	2.00	106.87	2401.1	
14	13904.7	89.93	3.12	9573.0	3663.8	-124.0	0.00	0.00	3665.8	TGT#4(Neptune 10 St Com #205H)
15	13965.5	89.72	3.13	9573.7	3724.5	-120.7	2.00	179.74	3726.4	
16	14379.6	89.72	3.13	9583.0	4137.9	-98.1	0.00	0.00	4139.0	AC TGT(Neptune 10 St Com #205H)
17	15131.2	89.87	348.14	9592.3	4885.1	-155.2	2.00	-85.70	4887.4	
18	15155.4	89.87	348.14	9592.4	4908.8	-160.1	0.00	0.00	4911.3	
19	15727.0	90.00	359.57	9593.0	5476.1	-221.2	2.00	89.37	5480.0	
20	19827.0	90.00	359.57	9593.0	9576.0	-252.0	0.00	0.00	9579.3	PBHL (Neptune 10 St Com #205H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Brushy Top (Neptune 10 St Com #205H)	7666.0	-822.0	-175.0	446460.00	781912.00	Polygon
TGT#3(Neptune 10 St Com #205H)	9573.0	2211.6	-197.5	449493.60	781889.54	Point
TGT#4(Neptune 10 St Com #205H)	9573.0	3663.8	-124.0	450945.80	781963.00	Point
AC TGT(Neptune 10 St Com #205H)	9583.0	4137.9	-98.1	451419.90	781988.90	Circle (Radius: 15.0)
TGT#2(Neptune 10 St Com #205H)	9583.0	1642.5	-193.3	448924.50	781893.75	Point
PBHL (Neptune 10 St Com #205H)	9593.0	9576.0	-252.0	456853.00	781835.00	Rectangle (Sides: L0.0 W50.0)
TGT#1(Neptune 10 St Com #205H)	9593.0	953.4	-188.1	448235.40	781898.85	Point
FTP (Neptune 10 St Com #205H)	9600.0	-772.0	-175.0	446510.00	781912.00	Point







District I
1625 N. French Dr., Hobbs, NM 88240
District II811 S. First St., Artesia, NM 88210
District III1000 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	[2] OGRID Number
EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702	7377
	[3] Reason for Filing Code/ Effective Date RT 11/02/2020

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025-46735	TRIPLE X; BONE SPRING	59900
[7] Property Code		**[9] Well Number**
313956	NEPTUNE 10 STATE COM	205H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
P	10	24S	33E		870'	SOUTH	964'	EAST	LEA

[11] Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
A	3	24S	33E		135'	NORTH	1185'	EAST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
S	FLOWING				

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	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
02/12/2020	11/02/2020	19,837'	19,813'	9869-19813'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	1360'	1075 SXS CL C/CIRC
12 1/4"	9 5/8"	5185'	1391 SXS CL C/CIRC
8 3/4"	5 1/2"	19,837'	2455 SXS CL C&H/TOC 7504' CBL

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg.Pressure
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[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: 11/18/2020

Phone: 432-638-8475

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

District I
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Form C-104
Revised August 1, 2011

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☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702	7377
	[3] Reason for Filing Code/ Effective Date NW 11/02/2020

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025-46735	TRIPLE X; BONE SPRING	59900
[7] Property Code		**[9] Well Number**
313956	NEPTUNE 10 STATE COM	205H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
P	10	24S	33E		870'	SOUTH	964'	EAST	LEA

[11] Bottom Hole Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
A	3	24S	33E		135'	NORTH	1185'	EAST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
S	FLOWING				

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02/12/2020	11/02/2020	19,837'	19,813'	9869-19813'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	1360'	1075 SXS CL C/CIRC
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8 3/4"	5 1/2"	19,837'	2455 SXS CL C&H/TOC 7504' CBL

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg.Pressure
11/02/2020	11/02/2020	11/15/2020	24HRS		611
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
76	3525 BOPD	2867 BWPD	6694 MCFPD		

[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: 11/18/2020

Phone: 432-638-8475

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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State of New Mexico
Energy, Minerals and Natural Resources Department

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

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 11/18/2020

☐ Original

Operator & OGRID No.: EOG Resources Inc 7377

☒ Amended - Reason for Amendment: NEWLY COMPLETED WELL

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomplete to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
NEPTUNE 10 STATE COM # 205H	30-025-46735	SEC 10 – T24S – R33E	870' FSL & 964' FEL	6500	464 mcf total flared	New Well

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to ENTERPRISE and will be connected to EOG Resources Inc low/high pressure gathering system located in LEA County, New Mexico. It will require N/A' of pipeline to connect the facility to low/high pressure gathering system. EOG Resources Inc provides (periodically) to ENTERPRISE a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, EOG Resources Inc and ENTERPRISE have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at ENTERPRISE Processing Plant located in LEA County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on ENTERPRISE system at that time. Based on current information, it is EOG Resources Inc belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
  - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
  - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
  - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines