

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-43456	✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Neptune 10 State Com	✓
8. Well Number 505H	✓
9. OGRID Number 7377	✓
10. Pool name or Wildcat Triple X; Bone Spring, West	✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3615' GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ **OCD – HOBBS**

2. Name of Operator
EOG Resources, Inc. ✓ **12/09/2016**

3. Address of Operator
P.O. Box 2267 Midland, TX 79702 **RECEIVED**

4. Well Location
Unit Letter M : 468 feet from the South line and 411 feet from the West line
Section 10 Township 24S Range 33E NMPM County Lea

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources requests an amendment to our approved APD for this well to reflect a change in casing design as attached.

Proposed change from 3-string to a 2-string design.

DENIED

By paul.kautz @state.nm.us
575-393-6161 ext. 104

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 12/09/2016

Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 12/09/2016
Conditions of Approval (if any): _____

Revised Permit Information 12/9/16:

Well Name: Neptune 10 State No. 505H

Location:

SL: 468' FSL & 411' FWL, Section 10, T-24-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 480' FWL, Section 3, T-24-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
12.25"	0 – 1,400'	9.625"	40#	J55	LTC	1.125	1.25	1.60
8.75"	0' – 10,600'	5.5"	20#	P-110	VAM Top HT	1.125	1.25	1.60
8.75"	10,600' – 21,227'	5"	23.2#	T-95	NSCC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1,400'	500	13.5	1.75	Class C + 2% CaCl ₂ + 4% Gel + 0.25 pps Celloflake
	200	14.8	1.34	Class C + 2% CaCl ₂
21,227'	1080	9.0	3.60	Class C + 15.5% HGS-8000 + 11% HGS-4k28 + 0.1% GXT-C + 0.4% CPT-17 + 0.3% CD-3 + 0.5% CPT-20A
	3525	14.8	1.26	25:75 Class H + 0.15% CPT-51A + 0.4% CPT-14B + 3% MagOx + 0.3% CD-3 + 0.15% CPT-20A

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,400'	Fresh - Gel	8.6-8.8	28-34	N/c
1,400' – 21,227' Lateral	Oil Base	10.0-11.5	58-68	3-6

Neptune 10 State #505H

468' FSL
411' FWL
Section 10
T-24-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 12/9/16
API: 30-025-43456

KB: 3,640'
GL: 3,615'

Bit Size: 12-1/4"

9-5/8", 40#, J-55, LT&C 0' - 1,400'

Bit Size: 8-3/4"

KOP: 10,643'

Bit Size: 8-3/4"

Bit Size: 8-3/4"

5-1/2", 20#, P-110, VAM Top HT @ 0' - 10,600'
5", 23.2#, T-95, NSCC @ 10,600' - 21,227'

Lateral: 21,227' MD, 11,140' TVD

BH Location: 230' FNL & 480' FWL
Section 3
T-24-S, R-33-E