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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-43454

5. Indicate Type of Lease STATE ■ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Neptune 10 State Com

1. Type of Well: Oil Well ■ Gas Well ☐ Other

8. Well Number 503H

2. Name of Operator: EOG Resources, Inc.

9. OGRID Number 7377

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

10. Pool name or Wildcat: Triple X; Bone Spring, West

4. Well Location
Unit Letter N : 330 feet from the South line and 2308 feet from the West line
Section 3 Township 24S Range 33E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3609' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:	☐		

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 for our approved APD for this well to reflect a change in casing design as attached.

HOBBS

DEC 15 2016

RECEIVED

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 12/15/2016

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

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE 12/15/16

Conditions of Approval (if any):

Revised Permit Information 12/15/16:

Well Name: Neptune 10 State No. 503H

Location:

SL: 330' FSL & 2308' FWL, Section 10, T-24-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 2480' 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 – 1,290'	13.375"	54.5#	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' – 21,217'	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
1,290'	500	13.5	1.75	Class C + 2% CaCl2 + 4% Gel + 0.25 pps Celloflake
	200	14.8	1.34	Class C + 2% CaCl2
21,217'	350	11.5	2.71	Class C + 5% Salt + 5% Gypsum + 30 pps SFA + 0.4% CPT-503P + 2.5% CPT-45 + 0.25% CD-3 + 0.75% CPT-20A + 0.7% Citric Acid
	2825	15.6	1.22	Class H + 0.2% CPT-19 + 0.25% CD-3 + 0.3% MagOx + 0.2% CPT-20A
	2300	14.8	1.35	Class C + 2% CaCl2

Mud Program:

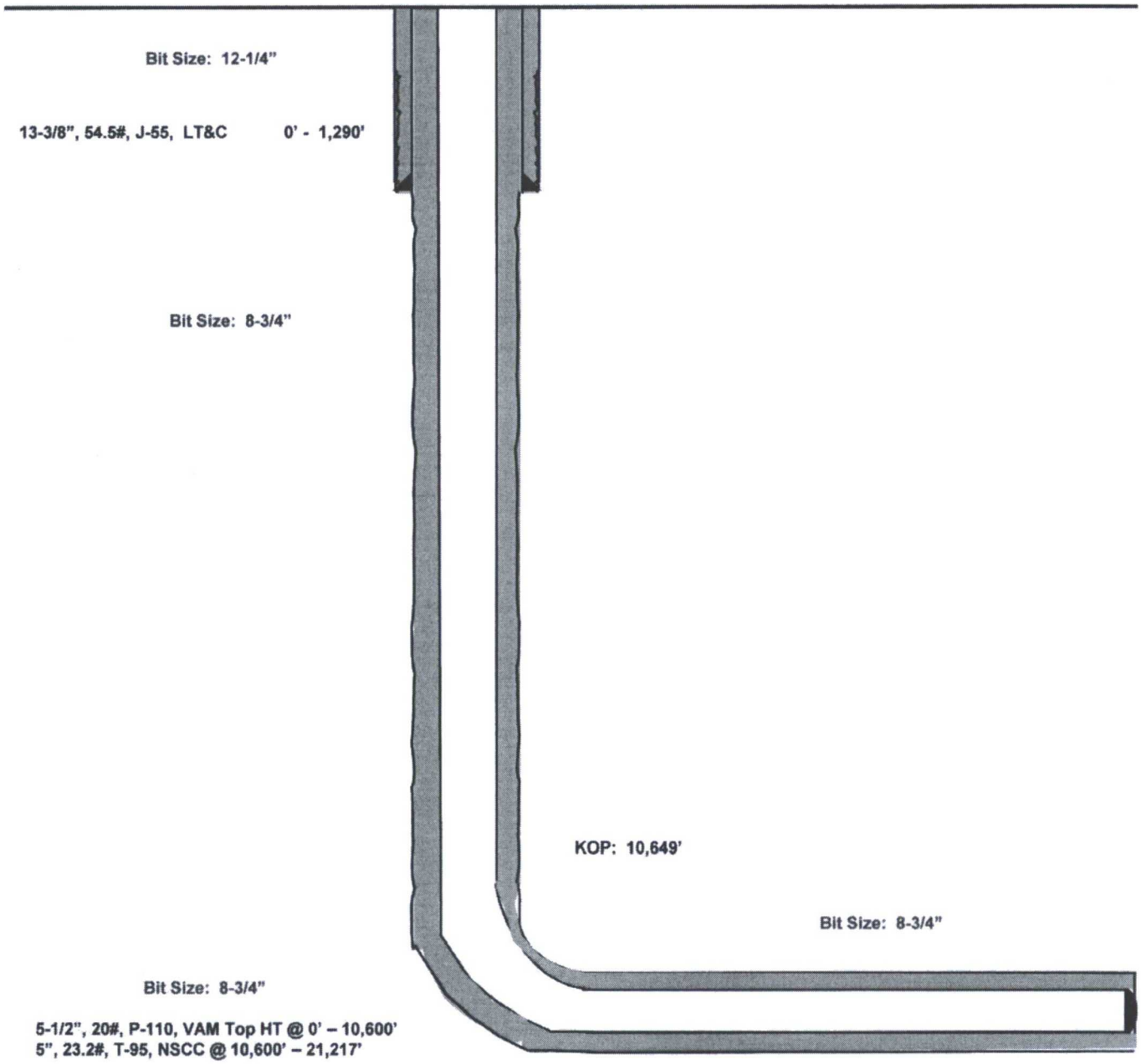
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,290'	Fresh - Gel	8.6-8.8	28-34	N/c
1,290' – 21,217' Lateral	Oil Base	9.0-10.0	58-68	3-6

Neptune 10 State #503H

330' FSL
2308' FWL
Section 10
T-24-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 12/15/16
API: 30-025-43454

KB: 3,634'
GL: 3,609'



Lateral: 21,217' MD, 11,140' TVD

BH Location: 230' FNL & 2480' FWL
Section 3
T-24-S, R-33-E

EOG Resources
Neptune 10 State Com 503H
Two String Casing Design
12/15/2016

1. 13-3/8" 54.5# J55 surface casing has been pre-set and cemented at 1290'.

2. Will drill out of the surface casing to TD with 8.5 to 9.0 ppg OBM. Hole size will be 8-3/4".

3. Production casing will be run to TD.

    a. Will run 5-1/2" x 5" OD combination string or a full string of 5" OD casing.
    b. Most likely will be floated to TD.

4. Once casing is on bottom will pump the following cement job.

    Stage 1 – Pumped conventionally down the production casing.

    11.5 ppg Lead Cement placed from kick-off point to ~7300' MD (TOC will be at LC zone)
    15.6 ppg cement will placed from TD to kick-off point at approximately 10,600' MD

    Note: LC zone based on offset Wolfcamp wells drilled with water

    Wait on cement at least 4 hours between stage 1 and stage 2

    Stage 2 – Pumped down the 13-3/8" x Production casing annulus (both valves, one per side)

    14.8 ppg thixotropic cement pumped at 4 bpm – Cement to be placed from surface to LC zone at 7300' MD plus at least 500 sx additional cement to "squeeze off" LC interval.

    Stage 3 – If required

    Wait on Stage 2 cement for at least 1 hour

    Fill 13-3/8" x production casing annulus to surface with 14.8 ppg Class C cement + 2% $CaCl_2$

5. Run cement bond log from ±20* inclination in the curve to surface. Run main pass with 0 psi casing pressure.