

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

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 ☐

2. Name of Operator
EOG Resources, Inc.

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

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3615' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

12/29/16 TD at 21275' MD.
01/01/17 Stuck drill pipe while cleaning out. Unable to free pipe. Back off at 15965'.
01/03/17 RIH w/ whipstock and attempted to set at 15941'. Unsuccessful.
01/07/17 Unable to kick off whipstock at 15941'. Decision made to run 2nd whipstock.
01/08/17 RIH and set 2nd whipstock at 12977'. Kick off and re-drill lateral.
01/16/17 TD at 21281' MD.
01/17/17 Back ream and clean out.
01/22/17 Ran 133 jts 5-1/2", 23#, P-110EC Vam Top HT casing to 5175'.
Ran 418 jts 5", 23.2#, T-95 NSCC casing from 5175' to 21150'.
Ran 2 jts 5", 23.2#, P-110 LTC from 21150' to 21272'.
01/27/17 Cement lead w/ 700 sx Class H, 11.0 ppg, 3.19 CFS yield;
tail w/ 2915 sx Class H, 14.8 ppg, 1.22 CFS yield. WOC 12 hrs. Estimated TOC at 3100'.
01/28/17 Released rig.

Spud Date: 12/11/16

Rig Release Date: 01/28/17

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 01/31/2017

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 02/03/17
Conditions of Approval (if any): _____

CURRENT WELL SKETCH

DEPTH (ft)	MARKERS (KB)	LITHOLOGY	OGRID: 7377 API: 30-025-43456 AFE: 107698 SPUD: 12/11/16 @ 21:30 hrs FRR: 1/28/17 @ 17:30 hrs RIG: H&P #642	Neptune 10 State Com #505H Red Hills (Bone Spring) Field Lea County, New Mexico	SURF: 468' FSL & 411' FWL LOC: Sec. 10 SURVEY: T-24-S, R-33-E GL: 3615.0' KB: 3640.0' ZERO: 25.0' AGL	HOLE SIZE	MW (ppg)	MUD	BHST (°F)	LOT (ppg)	EVALUATION
2,000'	Rustler - 1255' Top Salt - 1775'		20" Conductor @ 140' Surface Casing @ 1,384' 13-3/8" 54.5# J-55 STC Cement w/ 845 sx Class C + 2% CaCl2 + 4% Gel + 0.25 pps Celloflake + 0.4% CPT-503P (13.5 ppg, 1.75 yd), followed by 340 sx Class C + 2% CaCl2 + 0.4% CPT-503P (14.8 ppg, 1.33 yd). Bump plug - circ 137 bbls cement to surface			17-1/2"	8.6	FW		N/A	
3,000'						12-1/4"	8.6	FW / Cut Brine	86	N/A	
5,000'	Base Salt - 4985' Lamar - 5185' Bell Canyon - 5220'		1st Intermediate Casing @ 5,138' 9-5/8" 40# J-55 LTC (0' - 3956') 9-5/8" 40# HCK-55 LTC (3956' - 5138') Cement w/ 1160 sx Class C + 0.2% CPT-19 + 0.15% CD-3 + 3% MagOx + 0.15% CPT-20A (12.7 ppg, 2.37 yd), followed by 308 sx Class C + 0.2% CPT-19 + 3% MagOx + 0.15% CD-3 (14.8 ppg, 1.37 yd). Bump plug and circ 308 bbls cement to surface.			8-3/4"	8.7	Brine / Produced Water		NA	
6,000'	Cherry Canyon - 6175'		Preliminary Directional Plan: KOP @ 10,643' MD EOC @ 11,427' MD / 11,140' TVD EOL @ 21,227' MD / 11,140' TVD 12.0°/100' Build Rate VS @ EOC 60.2° VS @ TD 9860° VS Azimuth 359.56° Grid North			8-3/4"	8.7	OEM		N/A	
7,000'	Brushy Canyon - 7680'		Lost in Hole (2090.84' Total) - TOF @ 15,965' MD Bit (6.75"x1.00"), Motor (6.75"x32.69"), Nortrac (6.5"x2.5"x5.65"), UBHO (6.5"x2.75"x3.05"), NM DC (6.812"x2.812"x29.84"), NM DC (6.75"x3.25"x31.08"), XO (6.375"x2.937"x3.64"), DP (4.5"x3.640"x31.93"), XO (6.625"x2.625"x4.03"), RR (6.5"x2.5"x8.66"), XO (6.625"x2.625"x4.03"), 59 DP (4.5"x3.640"x1844.68"), XO (6.625"x2.625"x4.04"), Agitator (6.562"x2.5"x24.90"), XO (6.625"x2.625"x3.92"), 2 DP			8-3/4"	8.7				
9,000'	Bone Spring Lime - 9060' Leonard - 9170'		Ghost Hole TD @ 21,275' MD 1st Open Hole Whipstock @ 15,941' MD, 89.80° INC 2nd Open Hole Whipstock @ 12,977' MD, 89.90° INC			8-3/4"	8.7				
10,000'	1st Bone Spring Sand - 10,160' 2nd Bone Spring Lime - 10,395'		Production Casing @ 21,272' MD, 11,228' TVD 5-1/2", 23#, P-110EC, VAM Top HT (0' - 5178') 5", 23.2#, T-95, NSCC (5178' - 21,272') Cement w/ 700 sx Class H + 5% Salt + 5% Gypsum + 2% CPT-45 + 0.6% CPT-19 + 0.4% CPT-503P + 0.125 pps Celloflake + 3 pps Kol Seal (11.0 ppg, 3.19 yd), followed by 2913 sx Class H + 0.4% CPT-47B + 0.15% CPT-51A + 0.3% CPT-17 + 0.3% CD-3 + 0.1% CPT-20A (14.8 ppg, 1.22 yd). Bump plug - did not circ cement - TOC @ 3100' Est.			8-3/4"	8.7				
11,000'	2nd Bone Spring Sand - 10,745' 3rd Bone Spring Lime - 11,370' 3rd Bone Spring Sand - 11,915' PTD - ~11,140'					8-3/4"	8.7				

Drig Eng: C. Nunez
Date: 11/30/2017