

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. 30-025-43129
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Nautilus 16 State Com
8. Well Number 703H
9. OGRID Number 7377
10. Pool name or Wildcat *WC-025 G-09 S263416B; Upper Wolfcamp

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 **D**, **439** feet from the **North** line and **751** feet from the **West** line
Section **16** Township **26S** Range **34E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3341' 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, Inc. requests an amendment to our approved APD for this well to reflect a change in casing design as shown on the attachments.

New casing design attached.

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 4/12/2016
Type or print name Stan Wagner E-mail address: [redacted] PHONE: 432-686-3689
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 8/17/16
Conditions of Approval (if any):

APR 14 2016

Revised Permit Information 4/12/16:

Well Name: Nautilus 16 State Com No. 703H

Location:

SL: 439' FNL & 751' FWL, Section 16, T-26-S, R-34-E, Lea Co., N.M.

BHL: 230' FSL & 330' FWL, Section 16, T-26-S, R-34-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
14.75"	0 - 810'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-8,000'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	8,000' - 11,500'	7.625"	29.7#	HCP-110	Ultra FJ	1.125	1.25	1.60
6.75"	0'-17,625'	5.5"	23#	HCP-110	JFE Bear	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
810'	375	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
11,500'	225	11.0	2.93	Class C + 5% FWC-2 + 0.2% ASM-6 + 0.2% CDF-4P + 0.35% LTR + 5% SCA-1 + 1% SEA-1
	200	15.6	1.19	Class H + 0.7% LTR + 0.3% SCA-6 + 0.2% ASM-3
	2475	9.0	1.72	Foam / Class C + 1% SCA-6 + 0.2% ASM-3 + 0.15% CDF-4P + 0.25 pps LCF-7
	100	14.8	1.35	Class C + 2% CaCl ₂ + 2% SCA-1
17,625'	525	14.2	1.31	50:50:2 Class H + 5.0% Magnesium Oxide + 0.7% FL-52 (TOC @ 11,000')

Mud Program:

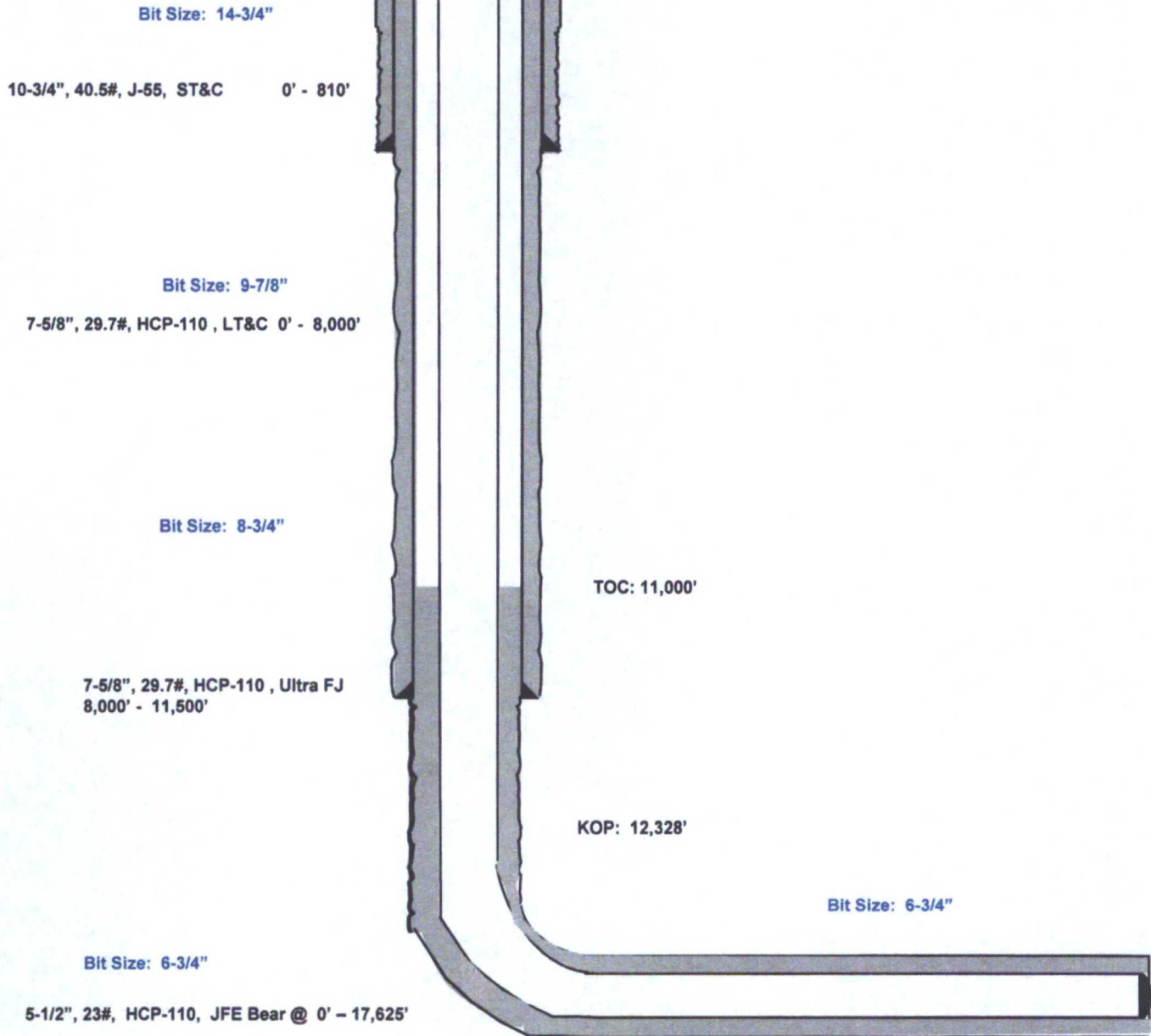
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 810'	Fresh - Gel	8.6-8.8	28-34	N/c
810' - 11,500'	Oil Base	8.7-9.4	58-68	N/c - 6
11,500' - 12,328'	Oil Base	8.7-9.4	58-68	N/c - 6
12,328' - 17,625' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Nautilus 16 State Com #703H

439' FNL
751' FWL
Section 16
T-26-S, R-34-E

Lea County, New Mexico
Proposed Wellbore
Revised 4/12/16
API: 30-025-43129

KB: 3,366'
GL: 3,341'



Lateral: 17,625' MD, 12,810' TVD

BH Location: 230' FSL & 330' FWL
Section 16
T-26-S, R-34-E