

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. 30-025-42839
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 Brown Bear 36 State
8. Well Number 704H
9. OGRID Number 7377
10. Pool name or Wildcat *WC-025 G-09 S253336D; 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 **N** : **221** feet from the **South** line and **1994** feet from the **West** line
Section **36** Township **25S** Range **33E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3319'

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 to reflect a change in production casing as attached.

Changing from a tapered 5-1/2" & 5" string TO a full 5-1/2", 23#, HCP110 JFE string.



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 02/16/2016

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 02/16/16

Conditions of Approval (if any):

FEB 16 2016

Revised Permit Information 2/16/16:

Well Name: Brown Bear 36 State No. 704H

Location:

SL: 221' FSL & 1994' FWL, Section 36, T-25-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 2133' FWL, Section 36, T-25-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
14.75"	0 - 1,071'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-10,758'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
6.75"	0'-17,369'	5.5"	23#	HCP-110	JFE	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1,071'	374	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)
	201	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
10,758'	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
17,369'	525	14.2	1.31	50:50:2 Class H + 5.0% Magnesium Oxide + 0.7% FL-52 (TOC @ 10,200')

Mud Program:

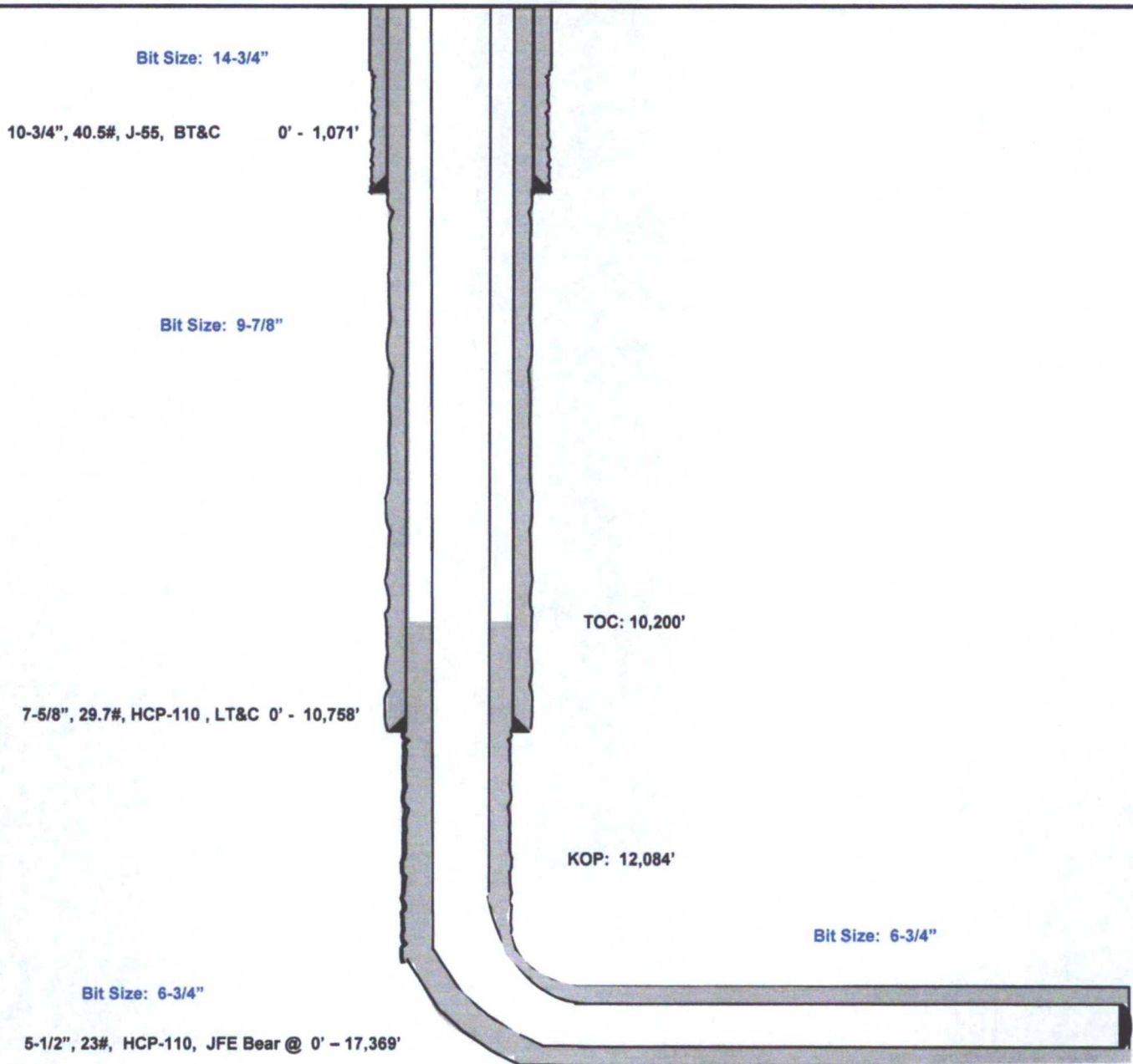
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1,071'	Fresh - Gel	8.6-8.8	28-34	N/c
1,071' - 10,758'	Oil Base	8.7-9.4	58-68	N/c - 6
10,758' - 12,084'	Oil Base	8.7-9.4	58-68	N/c - 6
12,084' - 17,369' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Brown Bear 36 State #704H

221' FSL
1994' FWL
Section 36
T-25-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 2/16/16
API: 30-025-42839

KB: 3,344'
GL: 3,319'



Lateral: 17,369' MD, 12,555' TVD

BH Location: 230' FNL & 2133' FWL
Section 36
T-25-S, R-33-E