

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. 30-025-43006
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Black Bear 36 State
8. Well Number 701H
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 B : 250 feet from the North line and 2128 feet from the East line
Section 36 Township 25S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3334' 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 to our approved APD for this well to reflect a change in production casing.

Changing from a tapered 5-1/2" & 5" string TO: full string of 5-1/2", 23#, HCP-110 JFE @ 17403'.
Proposed cementing details 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 3/11/2016
Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 03/25/16
Conditions of Approval (if any): _____

MAR 28 2016

Revised Permit Information 3/10/16:

Well Name: Black Bear 36 State No. 701H

Location:

SL: 250' FNL & 2128' FEL, Section 36, T-25-S, R-33-E, Lea Co., N.M.

BHL: 230' FSL & 2445' FEL, 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 – 1,107'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-10,817'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
6.75"	0'-17,403'	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
1,107'	300	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
10,817'	528	9.0	3.28	Foam Class C + 0.6% SAM-3 + 0.15% CDF-4P + 0.6% LTR + 0.5% SCA-6
	1215	12.5	1.71	Class C + 0.6% ASM-3 + 0.15% CDF-4P + 0.6% LTR + 0.5% SCA-6 + 0.13 pps LCL-11 + 0.13 pps LDP-C-0215
	200	9.0	1.71	Foam Class C + 0.6% ASM-3 + 0.15% CDF-4P + 0.6% LTR + 0.5% SCA-6 + 0.13 pps LCL-11 + 0.13 pps LDP-C-0215
	840	15.6	1.19	Class H + 0.2% ASM-3 + 0.3% SCA-6 + 0.7% LTR + 0.3% SPC-2
17,403'	575	14.1	1.26	50:50 Class H:Poz + 0.05% CSA-1000 + 0.4% C-17 + 0.05% C-20 + 0.2% C-49 + 0.075% C-20 (TOC @ 10,500')

Mud Program:

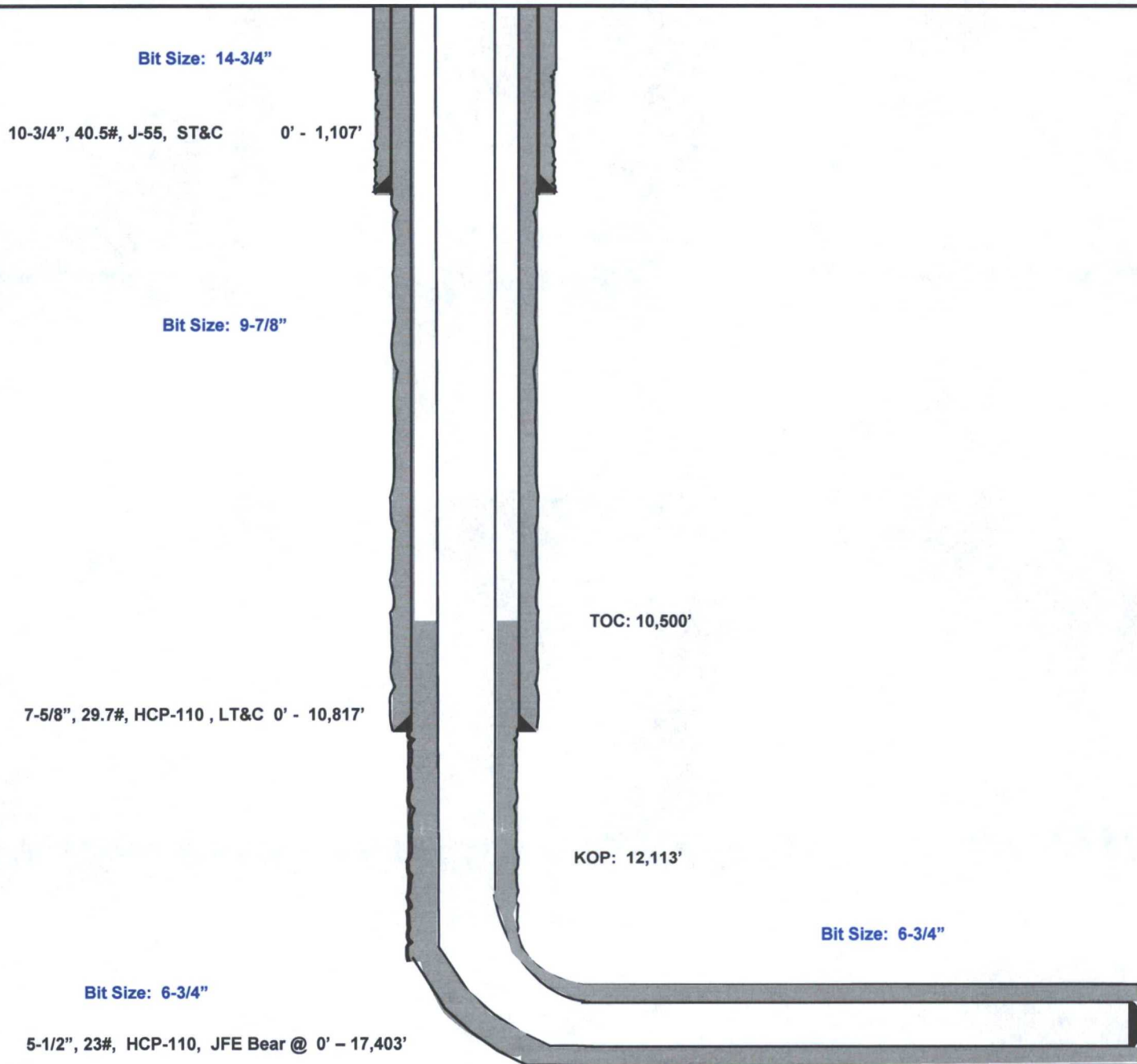
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,107'	Fresh - Gel	8.6-8.8	28-34	N/c
1,107' – 10,817'	Oil Base	8.7-9.4	58-68	N/c - 6
10,817' – 12,113'	Oil Base	8.7-9.4	58-68	N/c - 6
12,113' – 17,403' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Black Bear 36 State #701H

**250' FNL
2128' FEL
Section 36
T-25-S, R-33-E**

**Lea County, New Mexico
Proposed Wellbore
Revised 3/10/16
API: 30-025-43006**

**KB: 3,359'
GL: 3,334'**



Lateral: 17,403' MD, 12,595' TVD

BH Location: 230' FSL & 2445' FEL
Section 36
T-25-S, R-33-E