

HOBBS OCD

MAY 20 2016

RECEIVED

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

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.)		WELL API NO. 30-025-43128
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator EOG Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Ophelia 27
4. Well Location Unit Letter G : 2420 feet from the North line and 2310 feet from the East line Section 27 Township 26S Range 33E NMPM County Lea		8. Well Number 708H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3277' GR		9. OGRID Number 7377
		10. Pool name or Wildcat WC-025 S263327G; Upper Wolfcamp

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 casing design.

The first of the two changes is the hole size from 7000'-11,000' will be 8 3/4" instead of 9 7/8". Secondly, the intermediate casing from 7000-11,1000 will have Flushmax connections instead of LTC connections. Cement volumes in this section have been adjusted slightly.

Detailed casing design is 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 5/19/2016
 Type or print name Stan Wagner E-mail address: PHONE: 432-686-3689
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 05/19/16
 Conditions of Approval (if any):

Permit Information:

Well Name: Ophelia 27 No. 708H

Location:

SL: 2420' FNL & 2310' FEL, Section 27, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2410' FSL & 2316' FEL, Section 22, T-26-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"	0-845'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-7000'	7.625"	29.7#	HCP110	LTC	1.125	1.25	1.60
8.75"	7000'-11100'	7.625"	29.7#	HCP110	Flushmax	1.125	1.25	1.60
6.75"	0-17278'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
845	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
11100	150	11	2.93	Class C + 5% FWC-2 + .2% ASM-6 + .2% CDF-4P + .35%LTR + 5% SCA-1 + 1% SEA-1 + .1% C-49
	200	15.6	1.19	Class H + .7% LTR + .3% SCA-6 + .2%ASM-3 + .1% C-49
	2475	9.0	1.72	Foam / Class C + 1% SCA-6 + .2% ASM-3 + .15% CDF-4P + .25 pps LCF-7
	100	14.8	1.35	Class C + 2% CaCl ₂ + 2% SCA-1
17278	525	14.2	1.31	50:50:2 Class H + 5% Max Oxide + .7% FL-52 (TOC @ 10600)

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 845'	Fresh - Gel	8.6-8.8	28-34	N/c
900' - 11,100'	Brine	10.0-10.2	28-34	N/c
11,100' - 17278	Oil Base	9.5-11	58-68	N/c - 6

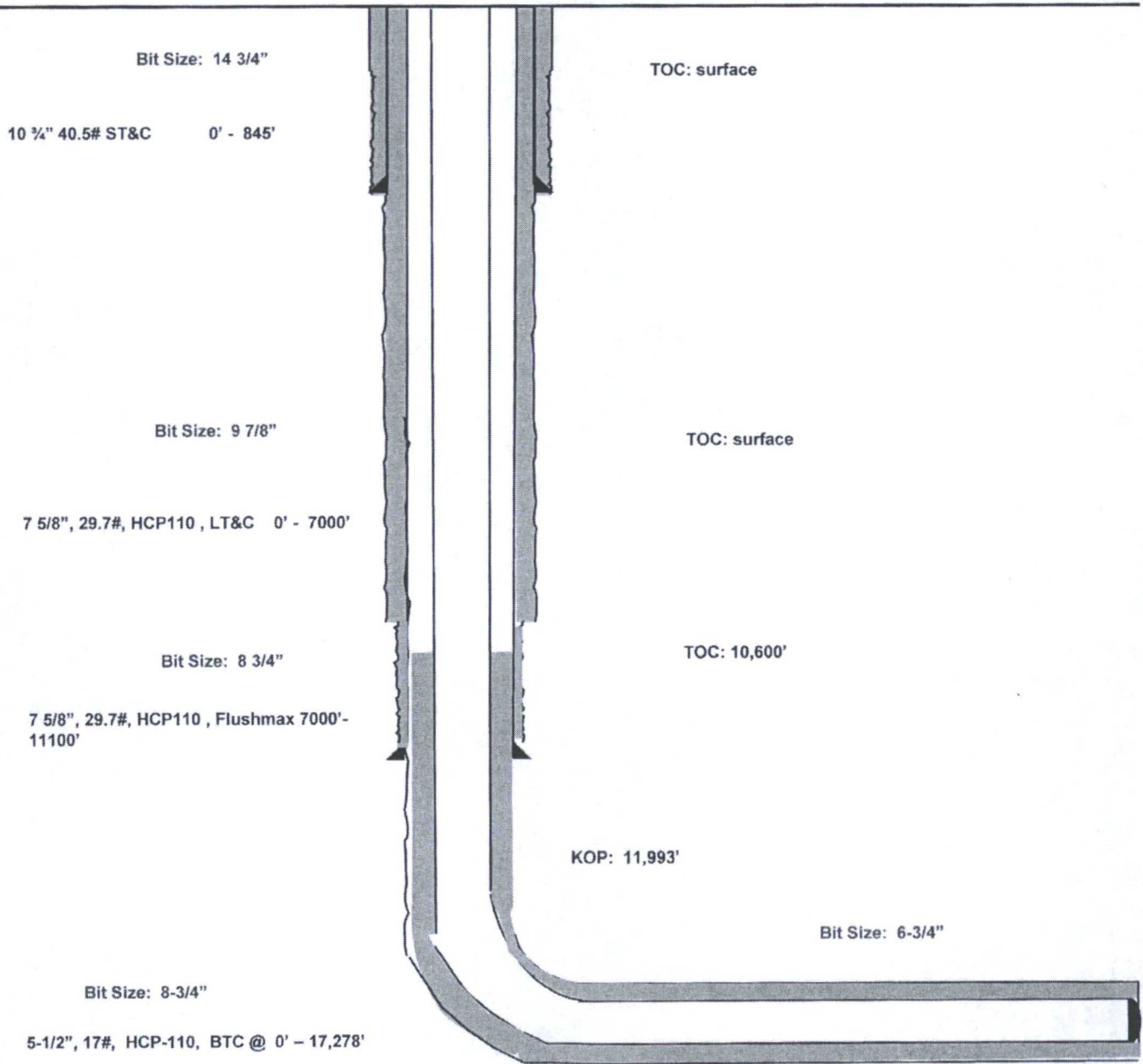
Ophelia 27 #708H

Lea County, New Mexico
Proposed Wellbore

2420' FSL
2310' FEL
Section 27
T-26-S, R-33-E

API: 30-025-

KB: 3,302'
GL: 3,277'



Lateral: 17,278' MD, 12,480' TVD

BH Location: 2410' FSL & 2316' FEL
Section 22
T-26-S, R-33-E