

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. <b>30-025-43531</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>EOG Resources, Inc.</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. Box 2267 Midland, TX 79702</b>		7. Lease Name or Unit Agreement Name <b>Beowulf 33 State Com</b>
4. Well Location Unit Letter <b>N</b> : <b>300</b> feet from the <b>South</b> line and <b>1540</b> feet from the <b>West</b> line Section <b>33</b> Township <b>23S</b> Range <b>35E</b> NMPM County <b>Lea</b>		8. Well Number <b>601H</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3404' GR</b>		9. OGRID Number <b>7377</b>
		10. Pool name or Wildcat <b>*WC-025 G-08 S233528D; Lower BS</b>

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 checked="" 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 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.

EOG Resources requests an amendment to our approved APD for this well to reflect changes in BHL and casing design.

Change BHL from 2411' FSL & 1540' FWL TO: 2411' FSL & 1649' FWL 28-23S-35E

Casing details attached.

**HOBBS OCD**

**JAN 12 2017**

**RECEIVED**

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 1/12/2017  
Type or print name Stan Wagner E-mail address: \_\_\_\_\_ PHONE: 432-686-3689

**For State Use Only**

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 01/12/17  
Conditions of Approval (if any): \_\_\_\_\_

**Revised Permit Information 1/11/17:**

Well Name: Beowulf 33 State Com No. 601H

Location:

SL: 300' FSL &amp; 1540' FWL, Section 33, T-23-S, R-35-E, Lea Co., N.M.

BHL: 2411' FSL &amp; 1649' FWL, Section 28, T-23-S, R-35-E, Lea Co., N.M.

**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF <sub>min</sub> Collapse	DF <sub>min</sub> Burst	DF <sub>min</sub> Tension
14.75"	0 - 1,440'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0'-5,600'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
6.75"	0'-19,227'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

**Cement Program:**

Depth	No. Sacks	Wt. ppg	Yld Ft <sup>3</sup> /ft	Slurry Description
1,440'	400	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	250	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,600' DV Tool w/ ECP @ 3775'	125	10.8	3.68	Stage 1 Lead: Class C + 5% Gypsum + 30 pps SFA + 0.4% CPT-503P + 3.5% CPT-45 + 0.25% CPT-35 + 0.85% CPT-20 + 0.85% Citric Acid (TOC @ Surface)
	500	15.6	1.20	Stage 1 Tail: Class H + 0.2% CPT-51 + 0.3% CPT-20
	500	12.7	1.90	Stage 2 Lead: Class C + 3% Salt + 0.6% Gel + 0.5% CPT-45 + 0.1% CPT-20 + 0.1% Citric Acid (TOC @ Surface)
	180	14.8	1.33	Stage 2 Tail: Class C + 0.2% CPT-19
19,227'	990	14.4	1.34	65:35 Class H + 0.2% C-20 + 0.75% C-41P + 0.05% CSA-1000 + 5% MagOx + 0.35% C-47B (TOC @ 10,600')

**Mud Program:**

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1,440'	Fresh - Gel	8.6-8.8	28-34	N/c
1,440' - 5,600'	Brine	8.7-9.4	58-68	N/c - 6
5,600' - 11,300'	Oil Base	8.7-9.4	58-68	N/c - 6
11,300' - 19,227' Lateral	Oil Base	9.0-11.5	58-68	N/c - 6

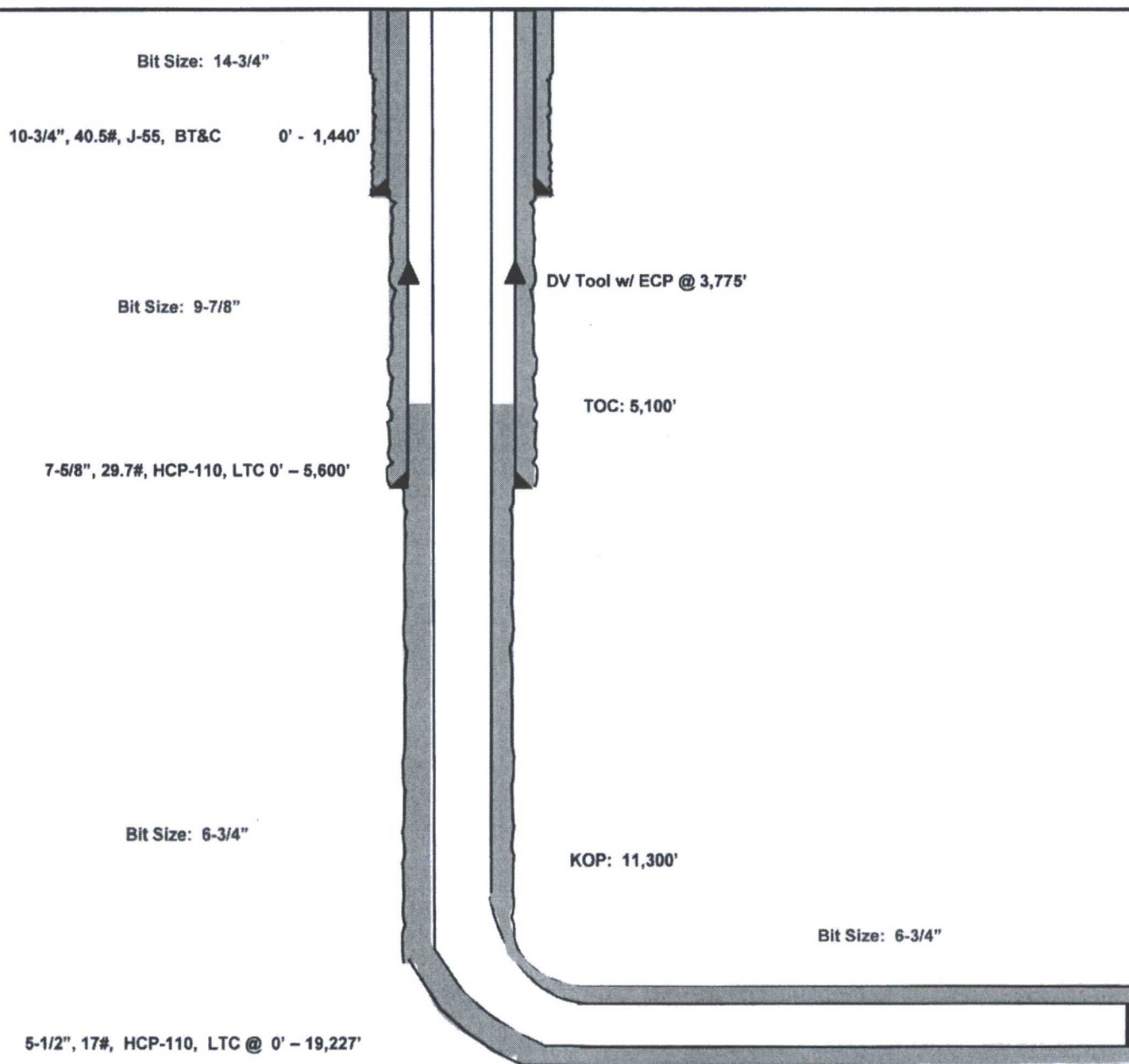


Beowulf 33 State Com #601H

300' FSL  
1540' FWL  
Section 33  
T-23-S, R-35-E

Lea County, New Mexico  
Proposed Wellbore  
Revised 1/11/17  
API: 30-025-43531

KB: 3,429'  
GL: 3,404'



Lateral: 19,227' MD, 11,598' TVD

BH Location: 2411' FSL & 1649' FWL  
Section 28  
T-23-S, R-35-E