

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

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. 30-025-43531
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 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 Beowulf 33 State Com
4. Well Location Unit Letter N : 300 feet from the South line and 1540 feet from the West line Section 33 Township 23S Range 35E NMPM County Lea		8. Well Number 601H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3404' GR		9. OGRID Number 7377
		10. Pool name or Wildcat *WC-025 G-08 S233528D; Lower BS

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 a change in casing design.

Change surface casing from 10-3/4" TO: 13-5/8", 17-1/2" hole size
Change intermediate from 7-5/8" TO: 9-5/8", 12-1/4" hole size
Production hole size to: 8-3/4"

Casing 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
Stan Wagner

TITLE

Regulatory Analyst

DATE

1/23/2017

Type or print name

E-mail address:

PHONE:

432-686-3689

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

01/22/17

Conditions of Approval (if any):

Revised Permit Information 1/23/17:

Well Name: Beowulf 33 State Com No. 601H

Location:

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

BHL: 2411' FSL & 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 _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 - 1,440'	13.375"	40.5#	J55	STC	1.125	1.25	1.60
12.25"	0' - 5,600'	9.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	0' - 19,227'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1,440'	700	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)
	300	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'	400	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)
	1250	15.6	1.20	Stage 1 Tail: Class H + 0.2% CPT-51 + 0.3% CPT-20
	100	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:

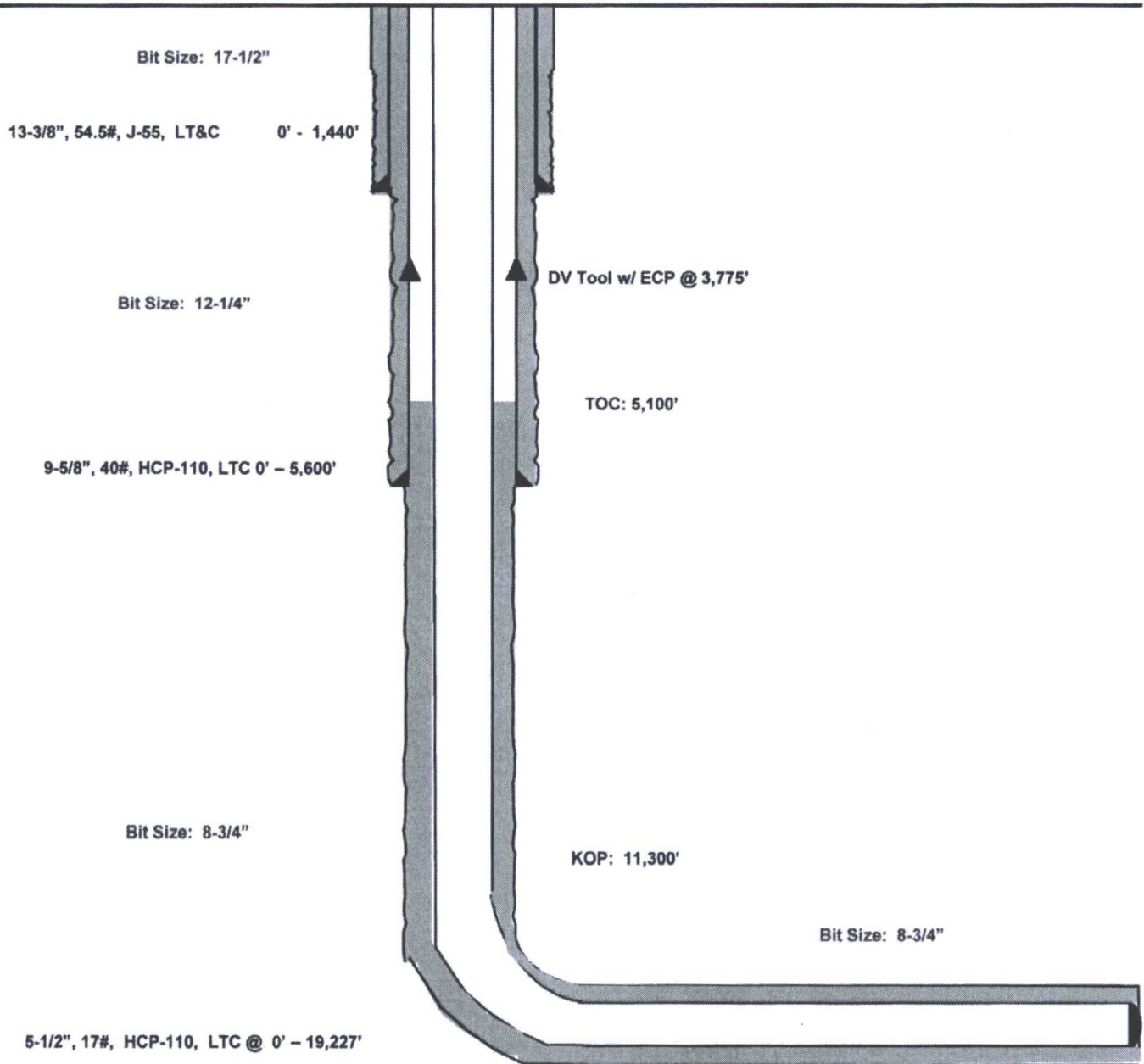
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1,440'	Fresh - Gel	8.6-8.8	28-34	N/c
1,440' - 5,600'	Brine	8.7-9.4	58-68	N/c - 6
5,600' - 11,300'	Brine	8.7-9.4	58-68	N/c - 6
11,300' - 19,227' Lateral	Oil Base	9.0-11.5	58-68	N/c - 6

Beowulf 33 State Com #601H

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

**Lea County, New Mexico
Proposed Wellbore
Revised 1/23/17
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**