

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. 30-025-42045
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ophelia 27
8. Well Number 703H
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3282' GR

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 G : 2420 feet from the North line and 1645 feet from the East line Section 27 Township 26S Range 33E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3282' GR	

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: ☐ Change Well Number ☒

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 a change in surface casing setting depth and cementing plan from what was originally approved in the APD for this well.

The surface casing setting depth will change from 860' to 1100'.
Cement change from 400 sacks Class C to 550 sacks Class C. Details attached.

HOBBS OCD

SEP 09 2014

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 9/09/2014

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

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 09/09/14
Conditions of Approval (if any): _____

SEP 09 2014

Revised Permit Information:

SEP 09 2014

Well Name: Ophelia 27 No. 703H

RECEIVED

Location:

SL: 2420' FNL & 1645' FEL, Section 27, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2080' FSL & 1620' 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
12.25"	0 - 1,100'	9.625"	40#	J55	STC	1.125	1.25	1.60
8.75"	0-10,750'	7"	26#	HCL-80	LTC	1.125	1.25	1.60
6.125"	0'-16,995'	4.5"	13.5#	HCP-110	BTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1,100'	350	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
10,750' DV Tool @ 5,000'	200	10.8	3.68	Stage 1 Lead: Class C + 15.00 lbs/sk BA-90 + 4.00% MPA-5 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.80% ASA-301 + 2.90% R-21 + 8.00 lb/sk LCM-1 + 0.005 lb/sx Static Free
	150	14.2	1.32	Stage 1 Tail: Class H + 0.65% FL-52 + 0.6% CD-32 + 1.0% EC-1 + 0.65% SMS + 2.0% Salt + 0.2% R-21 + 0.005 gps FP-6L + 0.005 pps Static Free
	275	12.7	2.22	Stage 2 Lead: Class 'C' + 2.0% SMS + 10.0% Slat + 0.55% R-21 + 0.25 pps Celloflake + 0.005 pps Static Free (TOC @ Surface)
	150	14.8	1.35	Stage 2 Tail: Class 'C' + 0.60% FL-62 + 0.7% CD-32 + 0.3% SMS + 2.0% Salt + 0.10% R-3 + 0.005 pps Static Free + 0.005 gps FP-6L
16,995'	575	11.9	2.36	50:50:6 Class H + 0.20% FL-52 + 0.75% CD-32 + 1.0% EC-1 + 0.15% ASA-301 + 1.60% SMS + 5.0% Salt + 0.50% R-21 + 5.0 pps LCM-1 (TOC @ 10,250')
	450	14.2	1.35	50:50:2 Class H + 0.65% FL-52 + 0.70% CD-32 + 1.0% EC-1 + 0.40% SMS + 2.0% Salt + 0.05% R-3 + 0.005 pps Static Free + 0.005 gps FP-6L

Mud Program:

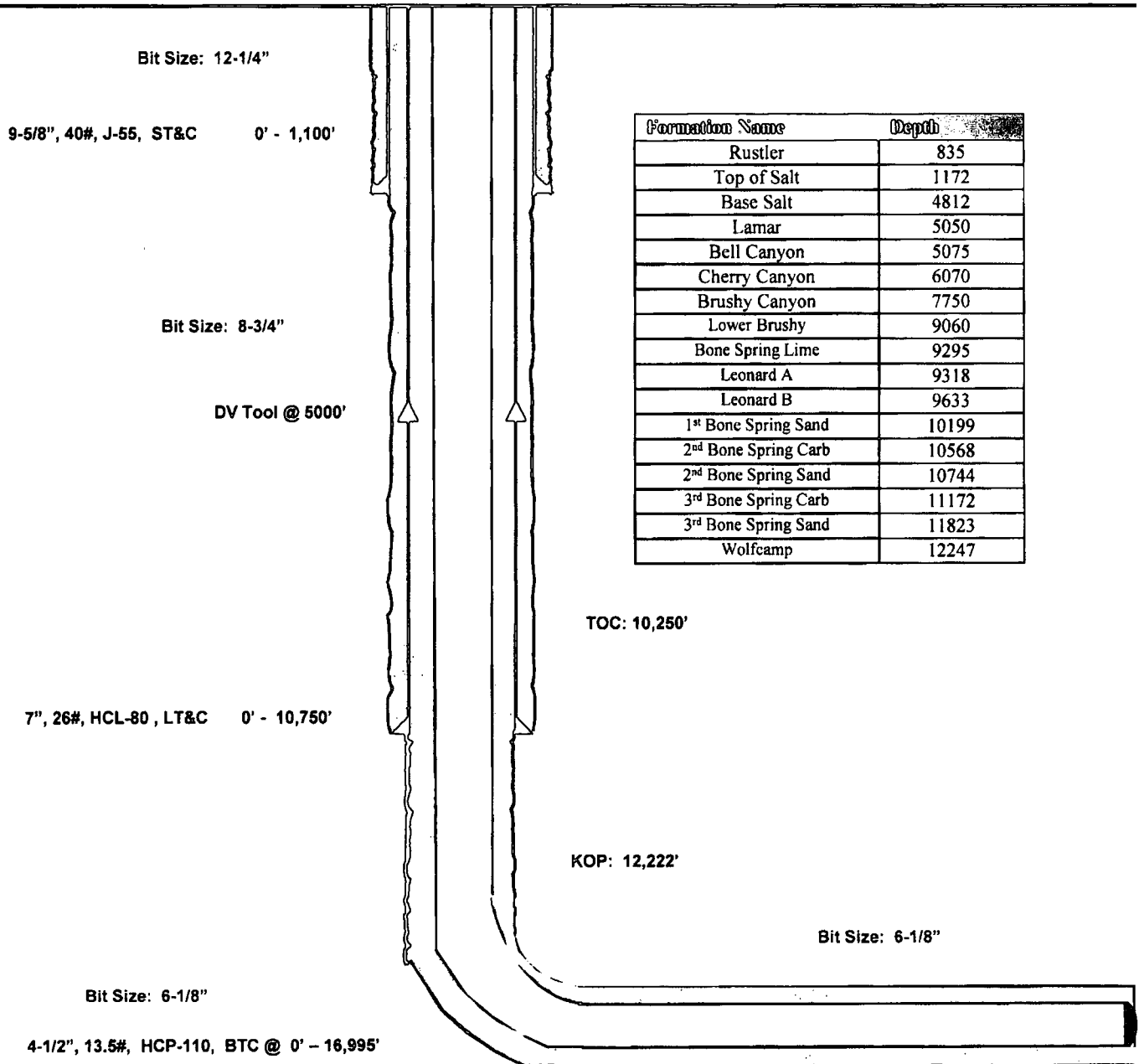
Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1,100'	Fresh - Gel	8.6-8.8	28-34	N/c
1,100' - 10,750'	Oil Base	8.7-9.4	58-68	N/c - 6
10,750' - 12,222'	Oil Base	8.7-9.4	58-68	N/c - 6
12,222' - 16,995' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Ophelia 27 #703H

2420' FNL
1645' FEL
Section 27
T-26-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 9/8/14
API: 30-025-42045

KB: 3,307'
GL: 3,282'



Lateral: 16,995' MD, 12,700' TVD

BH Location: 2080' FSL & 1620' FEL
Section 22
T-26-S, R-33-E