

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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. 30-025-41712
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 <u>H</u> : <u>2420</u> feet from the <u>North</u> line and <u>947</u> feet from the <u>East</u> line Section <u>27</u> Township <u>26S</u> Range <u>33E</u> NMPM County <u>Lea</u>		8. Well Number 701H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3293' GR		9. OGRID Number 7377
		10. Pool name or Wildcat Wildcat; Wolfcamp (Gas)

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: ☐

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, Inc. intends to set 9-5/8", 40#, J55 / HCK55 LTC intermediate casing at 8000' with a packer stage collar at 5015' and cement to surface via 2 stage cement job. Oil base (9.0 -9.5 ppg) mud will be utilized from intermediate casing point to TD.

No other changes to the approved APD are necessary.
Anticipated spud date is 4/17/14.

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 4/15/14

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

For State Use Only

APPROVED BY [Signature] TITLE Petroleum Engineer DATE APR 23 2014

Conditions of Approval (if any): _____

APR 23 2014

Revised Permit Information:

Well Name: Ophelia 27 No. 701H

Location:

SL: 2420' FNL & 947' FEL, Section 27, T-26-S, R-33-E, Lea Co., N.M.

BHL: 2080' FSL & 710' 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
17.5"	0 – 900'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4000' – 8000'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'-16,726'	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
900'	400	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
8,000' DV Tool @ 5,015'	350	11.9	2.36	Stage 1 Lead: Class H + 0.2% FL-52 + 0.75% CD-32 + 0.15% ASA-301 + 1.0% EC-1 + 1.6% SMS + 5.0% Salt + 0.1% R-21 + 5.0 pps LCM-1 + 0.005 pps Static Free + 0.25 pps Celloflake + 0.005 gps FP-6L
	300	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
	750	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)
	300	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
13,000'	100	18.0	0.90	210' Btm Hole Plug - Class 'H' + 1.50% CD-32 + 0.05% R-3
11,625' – 12,225'	375	18.0	0.90	600' Sidetrack Plug - Class 'H' + 1.50% CD-32 + 0.05% R-3
16,726'	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 @ 7500')
	1250	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 – 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' – 8,000'	Brine	10.0-10.2	28-34	N/c
8,000' – 13,000' Pilot Hole	Oil Base	8.7-9.4	58-68	N/c - 6
11,922' – 16,726' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Ophelia 27 #701H

Lea County, New Mexico
Revised
Proposed Wellbore

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

API: 30-025-41712

KB: 3,320'
GL: 3,293'

Bit Size: 17-1/2"
13-3/8", 54.5#, J-55, ST&C 0' - 900'

Bit Size: 12-1/4"

DV Tool @ 5015'

TOC: 7500'

9-5/8", 40#, J-55, LT&C 0' - 4000'
9-5/8", 40#, HCK55, LT&C 4000' - 8000'

KOP: 11,922'

Kick off Plug 11,625' - 12,225'
Dressed off to KOP @ ±11,922'

Bit Size: 8-3/4"

Bit Size: 8-3/4"

5-1/2", 17#, HCP-110, LTC @ 0' - 16,726'

200' Cement Plug On BTM
TVD Vertical Well: 13,000'

Lateral: 16,726' MD, 12,364' TVD

BH Location: 2080' FSL & 710' FEL
Section 22
T-26-S, R-33-E