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

WELL API NO. 30-025-~~42925~~ 43496
5. Indicate Type of Lease STATE ☐ FEE ■
6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Ophelia 27 (39814)
1. Type of Well: Oil Well ■ Gas Well ☐ Other
8. Well Number 503H
2. Name of Operator: EOG Resources, Inc.
9. OGRID Number 7377
3. Address of Operator: P.O. Box 2267 Midland, TX 79702
10. Pool name or Wildcat: Bradley; Bone Spring (7280)

4. Well Location
Unit Letter F : 2420 feet from the North line and 2100 feet from the West line
Section 27 Township 26S Range 33E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3266' GR

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.

1/25/17 Spud 14-3/4" hole.
1/26/17 Ran 20 jts 10-3/4", 40.5#, J55 STC casing set at 950'.
Cement lead w/ 420 sx Class C, 13.5 ppg, 1.75 CFS yield;
tail w/ 270 sx Class C, 14.8 ppg, 1.35 CFS yield.
Circulated 66 bbls cement to surface.
Released surface rig.

Note: Original Federal Permit. Evaluation of offset well data and area seismic data reveals a geological fault as shown on the attached diagram. Due to the geological issues, the planned lateral will be shortened and target changed to 2nd BS Sand. The resulting well will be entirely on private land. New C-102 and directional plan attached.

Please change the well name and number from Ophelia 27 Fed Com 707H TO: Ophelia 27 #503H.

Spud Date: 1/25/17 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 01/30/2017
Type or print name Stan Wagner E-mail address: PHONE: 432-686-3689

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE 01/30/17
Conditions of Approval (if any):

Permit Information:

Well Name: Ophelia 27 No. 503H

Location:
SL: 2420' FNL & 2100' FWL, Section 27, T-26-S, R-33-E, Lea Co., N.M.
BHL: 2410' FSL & 2100' FWL, Section 22, T-26-S, R-33-E, Lea Co., N.M.

Casing Program:

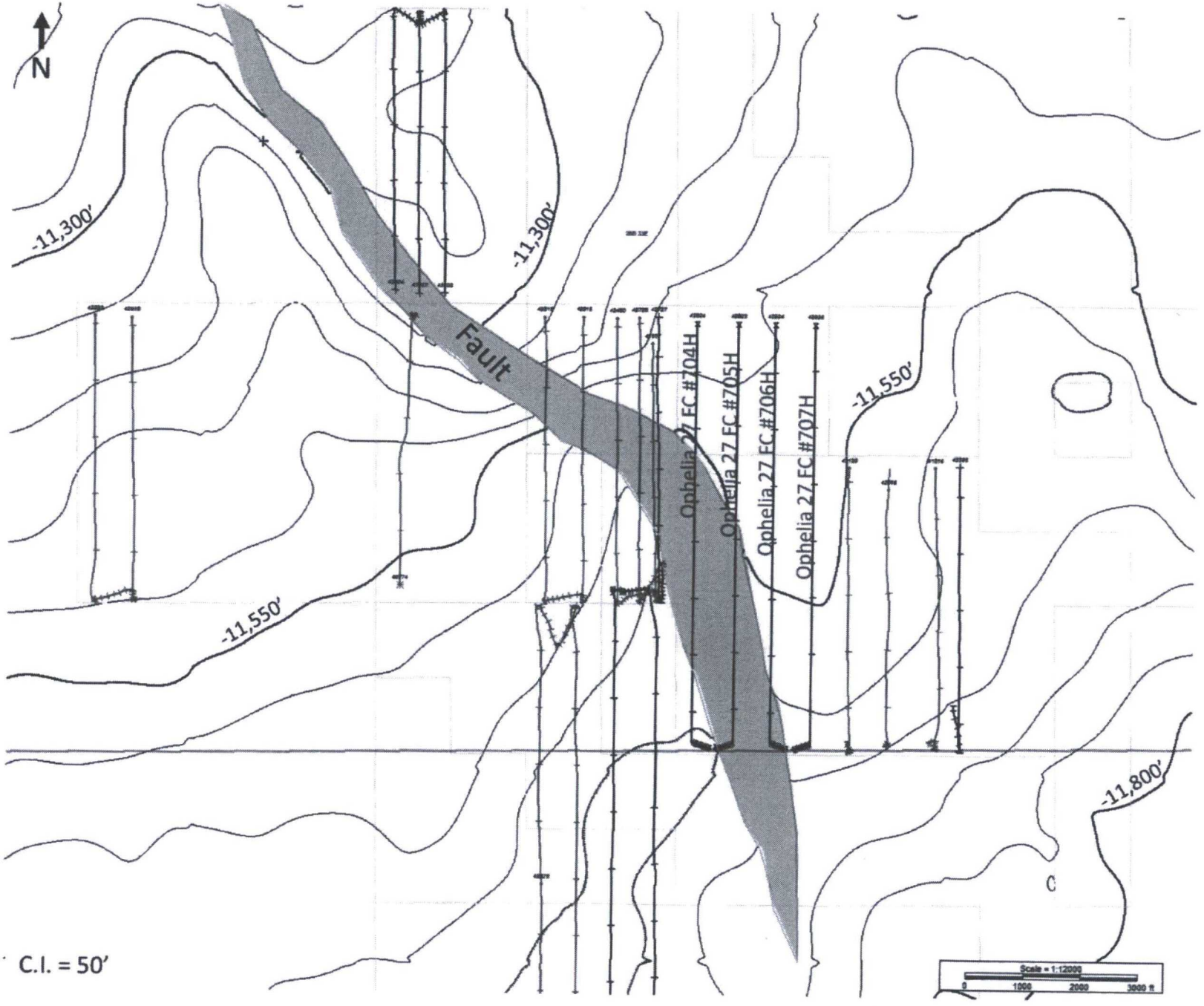
Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF_{min} Collapse	DF_{min} Burst	DF_{min} Tension
14.75"	0 – 835'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
8.75"	0 - 9,250'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0' – 15,764'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft^3/ft	Slurry Description
835'	500	14.8	1.34	Class C + 2% CaCl2 + 4% Gel + 0.25 pps Celloflake (TOC @ Surface)
9,250'	250	14.8	1.38	Class C + 5% Gypsum + 3% CaCl2 (TOC @ Surface)
	2000	14.8	1.38	Class C + 5% Gypsum + 3% CaCl2
	550	14.4	1.20	50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P
15,764'	750	14.8	1.26	Class H + 0.15% CPT-51A + 0.1% CPT-14B + 3% MagOx + 0.3% CD-3 + 0.2% CPT-20A (TOC @ 8750')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 835'	Fresh - Gel	8.6-8.8	28-34	N/c
835' – 9,250'	Brine	8.8-10.0	28-34	N/c
9,250' – 15,764' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6


N
-11,300'
-11,300'
Fault
Ophelia 27 FC #704H
Ophelia 27 FC #705H
Ophelia 27 FC #706H
Ophelia 27 FC #707H
-11,550'
-11,550'
-11,800'
C
C.I. = 50'
Scale = 1:12000
0
1000
2000
3000 ft