

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. 30-025-45141
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Heartthrob 17 State
8. Well Number 706H
9. OGRID Number 7377
10. Pool name or Wildcat WC-025 G-09 S243310P; Upper WC

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 **P** : **523** feet from the **South** line and **1243** feet from the **East** line
Section **17** Township **24S** Range **33E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3569' 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 SHL ☐

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 an amendment to our approved APD for this well to reflect a change in SHL.

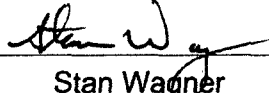
Change SHL to: 523' FSL & 1243' FEL P-17-24S-33E

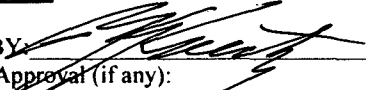
HOBBS OCD
SEP 27 2018
RECEIVED

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  TITLE **Regulatory Analyst** DATE **9/26/2018**
Type or print name **Stan Wagner** E-mail address: _____ PHONE: **432-686-3689**
For State Use Only

APPROVED BY:  TITLE **Petroleum Engineer** DATE **09/28/18**
Conditions of Approval (if any): _____

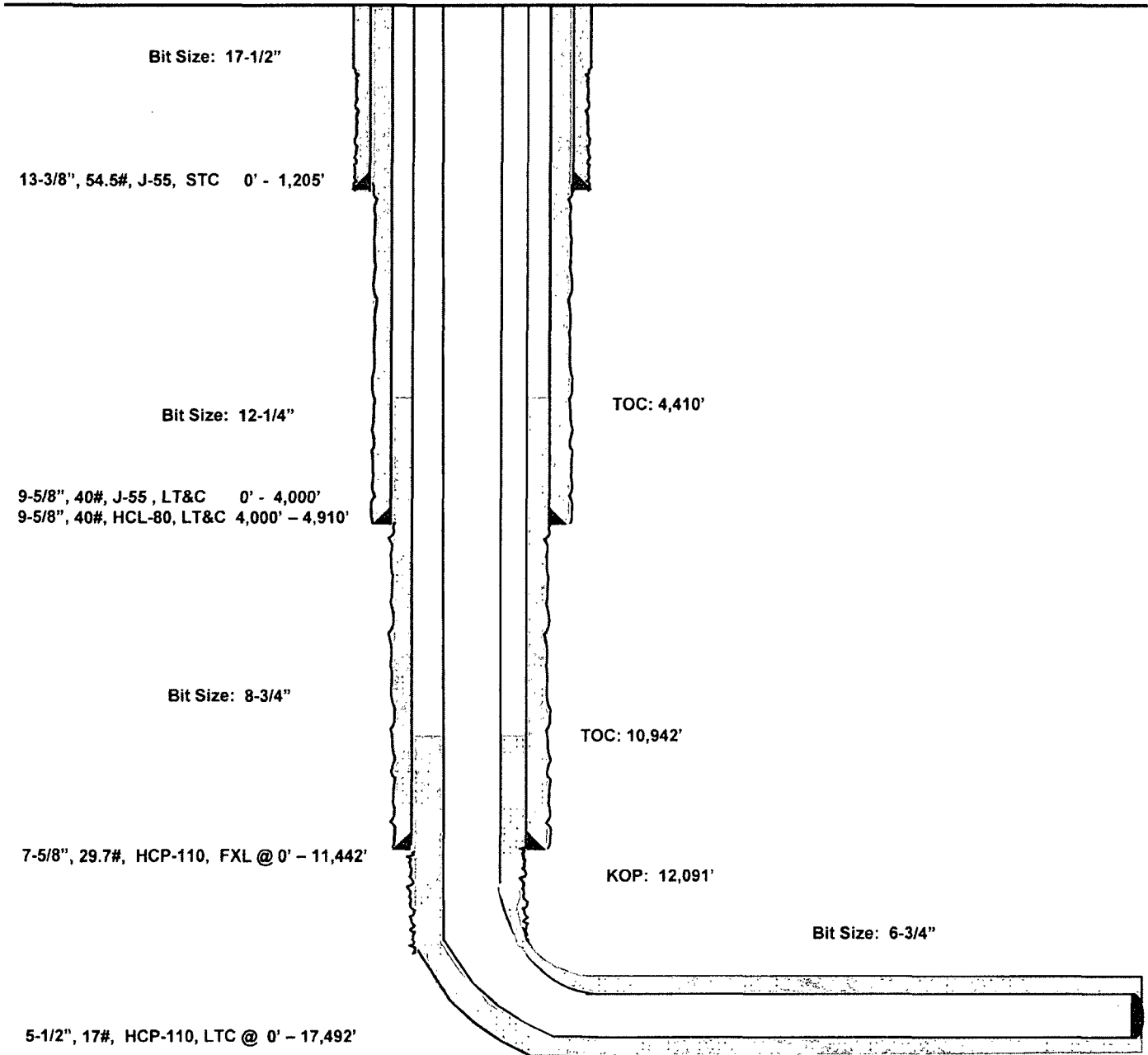
Heartthrob 17 State #706H
Lea County, New Mexico

523' FSL
1,243' FEL
Section 17
T-24-S, R-33-E

Revised Wellbore 9/25/18

API: 30-025-45141

KB: 3,594'
GL: 3,569'



Lateral: 17,492' MD, 12,544' TVD

BH Location: 100' FNL & 1,702' FEL
Section 17
T-24-S, R-33-E

Revised Permit Information 9/25/18:

Well Name: Heartthrob 17 State No. 706H

Location:

SL: 523' FSL & 1,243' FEL, Section 17, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 1,702' FEL, Section 17, T-24-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 – 1,205'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4,000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4,000' – 4,910'	9.625"	40#	HCL-80	LTC	1.125	1.25	1.60
8.75"	0 – 11,442'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.60
6.75"	0'-17,492'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft ³ /ft	Slurry Description
1205'	697	13.5	1.74	Lead: Class 'C' + 4.00% Bentonite + 2.00% CaCl ₂ (TOC @ Surface)
	333	14.8	1.35	Tail: Class 'C' + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate + 2.0% KCl (1.06 lb/sk)
4,910'	692	12.7	2.22	Lead: Class C + 0.15% C-20 + 11.63 pps Salt + 0.1% C-51 + 0.75% C-41P (TOC @ Surface)
	303	14.8	1.32	Tail: Class C + 0.13% C-20
11,442'	375	10.8	3.67	Lead: Class C + 0.40% D013 + 0.20% D046 + 0.10% D065 + 0.20% D167 (TOC @ 4,410')
	400	14.8	2.38	Tail: Class H + 94.0 pps D909 + 0.25% D065 + 0.30% D167 + 0.02% D208 + 0.15% D800
17,492'	800	14.8	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,942')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1205'	Fresh - Gel	8.6-8.8	28-34	N/c
1,205' – 4,910'	Brine	10.0-10.2	28-34	N/c
4,910' – 11,442'	Oil Base	8.7-9.4	58-68	N/c - 6
11,442' – 17,492' Lateral	Oil Base	10.0-11.5	58-68	3 - 6