

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. 30-025-45142
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 707H
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 823 feet from the East line Section 17 Township 24S Range 33E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3568' 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: ☐	Change SHL ☐	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 & 823' 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 Stan Wagner 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: [Signature] TITLE Petroleum Engineer DATE 09/28/18
Conditions of Approval (if any):

Heartthrob 17 State #707H
Lea County, New Mexico

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

Revised Wellbore 9/25/18

API: 30-025-45142

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

Bit Size: 14-3/4"
10-3/4", 40.5#, J-55, ST&C 0' - 1,205'

Bit Size: 9-7/8"
7-5/8", 29.7#, HCP-110, LTC @ 0' - 7,500'

Bit Size: 8-3/4"
7-5/8", 29.7#, HCP-110, FXL @ 7,500' - 11,442'

Bit Size: 6-3/4"
5-1/2", 17#, HCP-110, LTC @ 0' - 17,434'

TOC: 10,942'

KOP: 12,082'

Bit Size: 6-3/4"

HOBBS OCD
SEP 27 2018
RECEIVED

Lateral: 17,434' MD, 12,547' TVD

BH Location: 100' FNL & 1,016' FEL
Section 17
T-24-S, R-33-E

Revised Permit Information 9/25/18:

Well Name: Heartthrob 17 State No. 707H

Location:

SL: 523' FSL & 823' FEL, Section 17, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 1,016' 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
14.75"	0 – 1,205'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0 – 7,500'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	7,500' – 11,442'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.60
6.75"	0' - 17,434'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /sk	Slurry Description
1,205'	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
11,442'	600	14.8	1.38	Class C + 5% Gypsum + 3% CaCl ₂ (TOC @ Surface)
	400	14.4	1.20	50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P
17,434'	800	14.2	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 – 1,205'	Fresh - Gel	8.6-8.8	28-34	N/c
1,205' – 11,442'	Brine	8.8-10.0	28-34	N/c
11,442' – 12,082'	Oil Base	10.0-11.5	58-68	3 - 6
12,082' – 17,434' Lateral	Oil Base	11.5-14.0	58-68	3 - 6