

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-45140
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, Texas 79702		7. Lease Name or Unit Agreement Name Heartthrob 17 State
4. Well Location Unit Letter <u>O</u> : <u>443</u> feet from the <u>South</u> line and <u>1401</u> feet from the East line Section <u>17</u> <u>24S</u> Township <u>33E</u> Range <u>NMNM</u> Lea County		8. Well Number <u>705H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3568'		9. OGRID Number 377
		10. Pool name or Wildcat WC-025 G-09 S243310P; Upr Wolfcamp

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: Amend APD ☒

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, respectfully requests to amend the APD (Permit 256485) to change the casing program to the referenced well. Attached please find the following amended documents: the proposed wellbore diagram & the proposed drilling/casing/cementing/mud information.

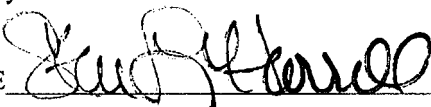
Spud Date:

Estimated 1/29/2019

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE Sr Regulatory Specialist

DATE 1/17/2019

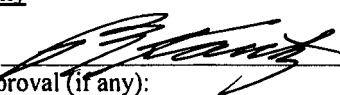
Type or print name Star Harrell

E-mail address: star_harrell@eogresources.com

PHONE: 432-848-9161

For State Use Only

APPROVED BY:



TITLE

Petroleum Engineer

DATE

01/17/19

Conditions of Approval (if any):

Revised Permit Information 1/15/19:

Well Name: Heartthrob 17 State Com No. 705H

Location:

SL: 523' FSL & 1,276' FEL, Section 17, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 2,388' 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
12.25"	0 – 1,205'	9.625"	40#	J-55	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'-17,537'	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
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	14.2	1.11	1 st Stage (Tail): Class C + 5% Salt + (TOC @ 7,000')
	1,000	12.7	2.30	2 nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
17,537'	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' – 12,134'	Oil Base	10.0-11.5	58-68	3 - 6
12,134' – 17,537' Lateral	Oil Base	11.5-14.0	58-68	3 - 6

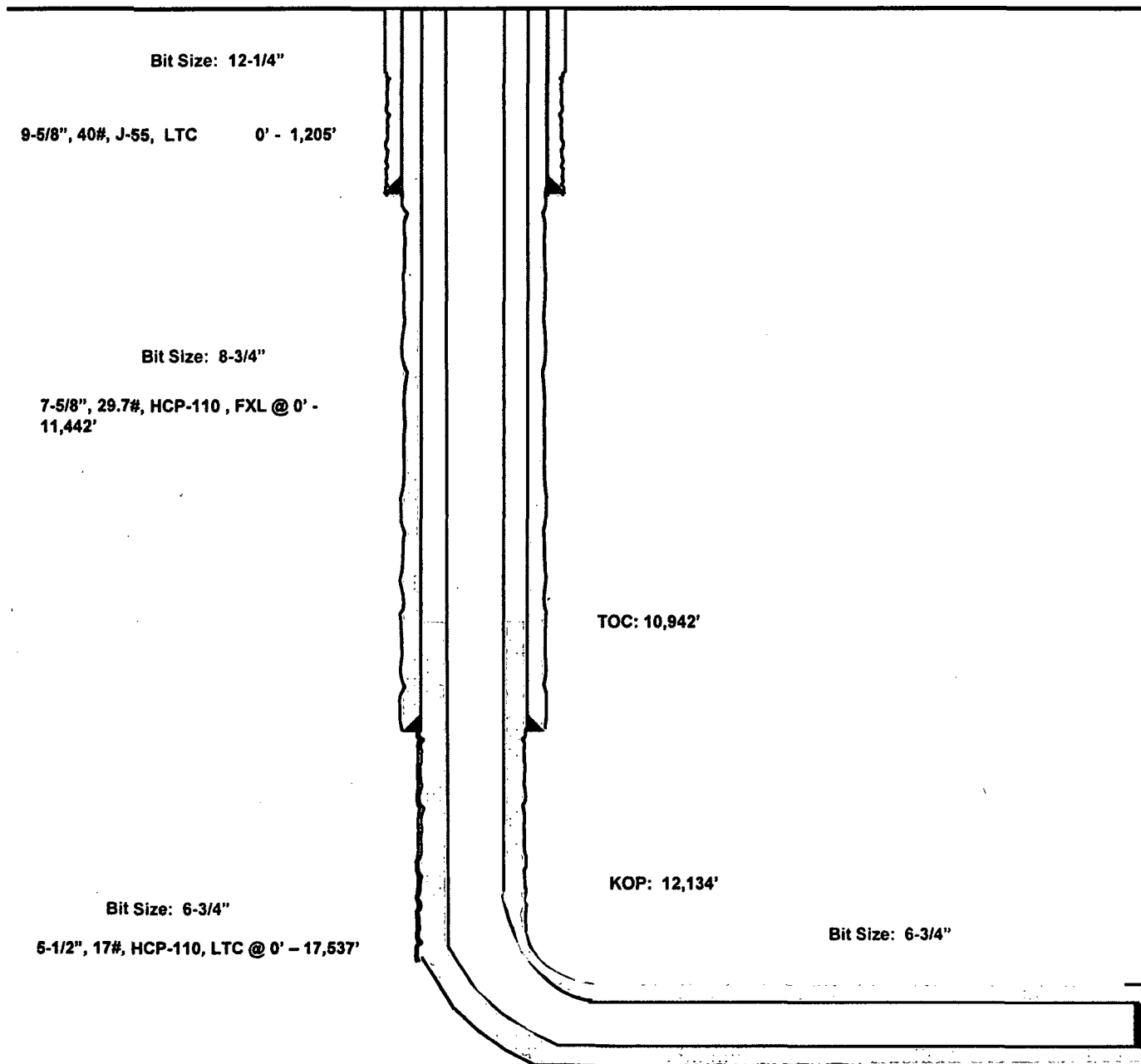
**Heartthrob 17 State Com #705H
Lea County, New Mexico**

**523' FSL
1,276' FEL
Section 17
T-24-S, R-33-E**

Revised Wellbore 9/25/18

API: 30-025-45140

**KB: 3,593'
GL: 3,568'**



Lateral: 17,537' MD, 12,529' TVD

**BH Location: 100' FNL & 2,388' FEL
Section 17
T-24-S, R-33-E**