

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.
30-025-42781

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Gem 36 State Com

8. Well Number 702H

9. OGRID Number
7377

10. Pool name or Wildcat
*WC-025 G-09 S253236A; Upper Wolfcamp

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 A : 220 feet from the North line and 260 feet from the East line
Section 36 Township 25S Range 32E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3432' 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: ☐

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.

11/13/15 RIH w/ log and confirm casing part at 4503'. RIH w/ downhole camera. Confirm casing part at 4503'.
11/15/15 Decision made to P&A. RIH and set CICR at 4392'. Pumped 200 sx Class C cement plug, 14.8 ppg, 1.34 CFS yield. Leave 100' cement on top of CICR.
RIH and perforate at 3025'. RIH and set CICR at 2896'. Pumped 150 sx Class C cement plug, 14.8 ppg, 1.34 CFS yield. Leave 100' cement on top of CICR.
11/16/15 RIH to 999'. Pumped 40 sx Class C cement plug, 14.8 ppg, 1.34 CFS yield. Pull up hole.
RIH to 100'. Pumped 20 sx Class C cement plug, 14.8 ppg, 1.34 CFS yield.
Installed dry hole cap & marker. Well P&A.
Released rig.

Spud Date: 11/2/15

Rig Release Date: 11/16/15

E-PERMITTING - - New Well ☐
Comp ☐ P&A ☐ TA ☐
CSNG ☒ Loc Chng ☐
ReComp ☐ Add New Well ☐
Cancl Well ☐ Create Pool ☐

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

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 11/18/2015
Type or print name Stan Wagner E-mail address: PHONE: 432-686-3689
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 12/13/15
Conditions of Approval (if any):

DEC 15 2015

CURRENT WELL SKETCH

DEPTH (Ⓜ)	MARKERS (KB)	LITHOLOGY	OGRID: 7377 API: 30-025-42781 AFE: 106972 SPUD: 11/2/15 @ 10:45 hrs FRR: 11/16/15 @ 19:00 hrs RIG: Precision #612	Gem 36 State Com #702H Red Hills (Bone Spring) Field Lea County, New Mexico	SURF: 220' FNL & 260' FEL LOC: Sec 36 SURVEY: T-25-S, R-32-E GL: 3432' KB: 3457' ZERO: 25.0' AGL	HOLE SIZE	MW (ppg)	MUD	BHST (+/-)	LOT (ppg)	EVALUATION
1,000'	Rustler - 847'			20" Conductor @ 145'		14 3/4"	8.4	Spud	70	N/A	Mud Log
3,000'	Top of Salt - 1,108'	Salt		Surface Casing @ 902' 10-3/4" 40.5# J-55, STC Cement w/ 397 sx Class C + 4.0% Gel + 2.0% CaCl2 + 0.5% Defoamer (13.2 ppg, 1.75 yd), followed by 167 sx Class C + 2.0% CaCl2 + 0.1% C-45 + 0.25% C-41P (14.8 ppg, 1.33 yd). Bump plug and circ 44 bbls cement to surface Plug #4 @ 125' - 25' 20 sx Class C + 0.1% CaCl2 + 0.5% CPT-15 + 0.3% CPT-49 (14.8 ppg, 1.34 yd) Plug #3 @ 1000' - 800'							
5,000'	Base of Salt - 4,592' Lamar - 4,820' Bell Canyon - 4,855'	H ₂ S		Cement Retainer @ 2,896' Pump Plug #2 thru perfs @ 3025' w/ 150 sx Class C + 1% CaCl2 + 0.5% CPT-15 + 0.3% CPT-49 (14.8 ppg, 1.34 yd) - TOC @ 2796' Cement Retainer @ 4,392' Pump plug #1 thru parted casing w/ 200 sc Class C + 1% CaCl2 + 0.5% CPT-15 + 0.3% CPT-49 (14.8 ppg, 1.34 yd) - TOC @ 4292' Parted Casing @ 4,503' DV Tool w/ ECP @ 4,767'			8.4	Fresh water/ Cut Brine Water/OBM	95	N/A	Mud Log
7,000'	Cherry Canyon - 5,804'					9-7/8"					
9,000'	Brushy Canyon - 7,445'						9.0				
11,000'	Bone Spring LS - 9,040' Leonard - 9,081' 1st BS Sand - 9,972'			1st Intermediate Casing @ 10,653' 7-5/8", 28.7#, HCP-110, LTC (DV Tool w/ ECP @ 4,767') Cement Stage 1 w/ 266 sx 60-40:10 Class C + 10 pps SFA + 8 pps Kol Seal + 0.20% C-47B (11.0 ppg, 4.72 yd), followed by 227 sx Class C + 0.25% C-20 + 0.25% C-41P + 0.15% C-47B + 0.05% CSA-1000 (15.6 ppg, 1.18 yd). Did not bump plug. Drop dart, initiate packer and open DV Tool. Attempt to circ BU - lost returns - Did not circ cement. Cement Stage 2 w/ 275 sx Class C + 8% Gel + 0.10% C-20 + 12.3 pps Salt + 0.10% C-51 + 0.75% C-41P (12.7 ppg, 4.34 yd), followed by 100 sx Class C + 0.15% C-20 + 0.25% C-41P (14.8 ppg, 1.33 yd). Bump plug - did not circ cement - TOC @ 3400' by T.S. Bradenhead squeeze w/ 575 sx 50:50 Class C + 7% Gel + 0.5% CPT-19 + 0.5% CPT-43 + 4 pps Kol Seal + 0.5% CPT-45 + 0.4% CPT-503P. Circ 0.5 bbl cement to surface							
13,000'	2nd BS Sand - 10,528' 3rd BS Sand - 11,652' Wolfcamp - 12,097' Land - 12,724'										

BHST = (0.80"/100" * D + 70) * 1.2

Drig Eng: B. Harris
Date: 11/17/2015