

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-015-34315
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name MacKenzie 13 Fee
8. Well Number 2H
9. OGRID Number 7377
10. Pool name or Wildcat Undesnated
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3584

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.

4. Well Location  
Unit Letter N : 1980 feet from the west line and 660 feet from the south line  
Section 13 Township 16 Range 23 NMPM County eddy

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_  
Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Revised Casing, Mud, and Cementing Program Attached

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Mike Francis TITLE Agent DATE 9/26/2005

Type or print name Mike Francis E-mail address: mike francis@eogresources.com  
For State Use Only Jim W. Green Telephone No. 432 686-3714

APPROVED BY Jim W. Green  
Conditions of Approval (if any):

OCT 03 2005  
DATE

**Permit Information:**

Well Name: MacKenzie 13 Fee #2H

**Location:**

SL 660' FSL &amp; 1980' FWL, Section 13, T-16-S, R-24-E, Eddy Co., N.M.

BHL 660' FNL &amp; 1980' FWL, Section 13, T-16-S, R-24-E, Eddy Co., N.M.

**Casing Program:**

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	9-7/8"	7"	26#	L-80	Surface
Production	8,474'	6-1/8"	4 1/2"	13.5/ 11.6 #	P-110	Surface

**Cement Program:**

Depth	No. Sacks	Slurries:
900'	300	Lead: Light Premium Plus + 5 pps Gilsonite + 2% CaCl <sub>2</sub>
	200	Tail: Premium Plus + 2% CaCl <sub>2</sub>
8,474'	400	Lead: Interfill C + 0.25 pps Flocele
	350	Tail: Acid Soluble Cement + 0.7% Halad®-344 + 0.2% FWCA + 0.2% HR-601

**Mud Program:**

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,000'	Cut Brine	8.8-9.2	28-34	10-15
4,400' – 8,474'	Polymer (Lateral)	9.0-9.4	40-45	10-25