

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 17 2009

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM074935
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-4340		8. Well Name and No. ELECTRA FEDERAL 24
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T17S R30E NWNW 330FNL 330FWL		9. API Well No. 30-015-36272-00-S1
		10. Field and Pool, or Exploratory LOCO HILLS 96718
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See attachment

14. I hereby certify that the foregoing is true and correct. Electronic Submission #67711 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 03/03/2009 (09KMS0938SE)	
Name (Printed/Typed) PHYLLIS A EDWARDS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JAMES A AMOS	Title SUPERVISOR EPS	Date 03/15/2009
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Electra Fed #24
330' FNL & 330' FWL
Sec 15, T16S, R30E

Objective: Recomplete to Yeso

Well Data: Reference Elevation: 3688' GL (17' KB. 3705' KB)

Correlation Log: PEX log dtd 7/22/08

Casing

Surface: 13-3/8", 0 - 444'. Cmt'd w/ 955 sxs.

Intermediate: 8-5/8", 0 - 1625'. Cmt'd w/ 650 sxs.

Production: 5-1/2", 17#, Grade L-80, LTC, 0 - 8707'. Cmt'd 1st stage w/
400 sxs. Cmt'd 2nd stage 1000 sx.

Burst Pressure = 7,740 psi (100% new)

DV Tool: +/-5986' KB

Marker Jt: 4007' - 4021' KB

Float Collar: 8064' KB

Float Shoe: 8107' KB

Hole size: 7-7/8"

TD: 8101' (MD) KB - Logger's Depth

PBTD: 8064'

2-7/8" Liner Top: 7412' KB

Proposed Perfs: 1st Set Yeso: 5560' - 5760' KB

2nd Set Yeso: 5290' - 5490' KB

3rd Set Yeso: 5010' - 5210' KB

4th Set Yeso: 4430' - 4710' KB

See Perf sheets for actual depths

Program

1. MI. Hold safety mtg. RU.
2. POOH w/ rods and LD rods.
3. Release TAC and NU BOP.
4. POOH w/ tbg and LD tbg.
5. MIRU WLU.
6. RIH w/ gauge ring to +/- 7350' KB.
7. RIH w/ CIBP and set at +/- 7350' KB. Cap w/ ^{35'}20' of cmt with dump bailer.
8. RDMO WLU.
9. NU frac valve.
10. RDMO workover rig.
11. MI frac tanks and fill with water.
12. MIRU WLU and frac crew.
13. RIH w/ CCL/Perf gun and perforate 1st set of Yeso from 5560' - 5760' w/ 2 spf, 180 deg phasing, 0.41" EH as per perf sheet.
14. Frac 1st set of perfs w/ 114,850 gals of 20# XL fluid carrying 178,400# of 16/30 sand.
15. RU WL and RIH w/ CFP and guns. Set CFP at +/- 5520' KB. Perf 2nd set of Yeso from 5290' - 5490' 1 spf, 0.41" EH.
16. Frac 2nd set of perfs w/ 114,850 gals of 20# XL fluid carrying 178,400# of 16/30 sand.
17. RU WL and RIH w/ CFP and guns. Set CFP at +/- 5240' KB. Perf 3rd set of Yeso from 5010' - 5210' 1 spf, 0.41" EH.
18. Frac 3rd set of perfs w/ 114,850 gals of 20# XL fluid carrying 178,400# of 16/30 sand.
19. RU WL and RIH w/ CFP and guns. Set CFP at +/- 4800' KB. Perf 4th set of Yeso from 4430' - 4710' 1 spf, 0.41" EH.
20. Frac 4th set of perfs w/ 101,900 gals of 20# XL fluid carrying 129,600# of 16/30 sand.
21. RDMO WLU and frac crew.
22. MIRU workover rig.