

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

SEP 23 2009

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

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.

5 Lease Serial No
LC029389C

6 If Indian, Allottee or Tribe, Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7 If Unit of CA/Agreement, Name and/or No
NM 71011X

1 Type of Well

☐ Oil Well ☐ Gas Well ☒ Other INJECTION

8 Well Name and No
V.S. UNIT #104

2 Name of Operator

COG OPERATING LLC

9 API Well No.
30-015-05507

3a. Address

550 W TEXAS, SUITE 1300, FASKEN TOWER II
MIDLAND, TX 79701

3b Phone No (include area code)

(432) 683-7443

10. Field and Pool or Exploratory Area
SHUGART - SR - QG

4 Location of Well (Footage, Sec, T, R, M, or Survey Description)
330 FSL, 1980 FWL
SEC 9, T-18-S, R-31-E

11. Country or Parish, State
EDDY Co, NM

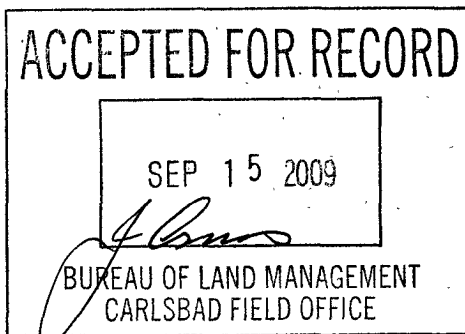
12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input 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 checked="" 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 checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.**

SEE ATTACHED FOR DETAILS - ON BACK



14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
RANDALL MINEAR

Title SR. P&A SUPERVISOR

Signature

Date 09/01/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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.

(Instructions on page 2)



DETAILS FOR V.S. UNIT #104

8/5/09 Contact Darrell Carter BLM Rep of MIRU. Complete MIRU, NDWH, NUBOP. POOH w/ 7" PKR & laid down 13 jts 2 7/8" Tbg.
8/6/09 Spot R/U RV unit. Drill down to 1,112'. No returns, well on vacuum. Well lost 50bbl in 55 minutes.
8/7/09 Drill to 1,297'.
8/10/09 Drill to 1,519'.
8/11/09 Drill to 1,831'.
8/12/09 Drill @ 1,831' – not cutting. TOO H, removed bit. Run Metal Muncher drill to 1,845' on fish. TOO H, order wash pipe.
8/13/09 RIH w/ shoe & wash pipe. Tag @ 1,830'. Drill to 1,847'. P/U two pts over string weight. POOH, no fish, have core in shoe.
8/14/09 Contact BLM of core of formation – OK per Wesley Ingram. Below salt section. Spot 50sx cmt. WOC & PUH.
8/17/09 RIH, Tag TOC @ 1,632'. Contact BLM Jim Amos. New Perf @ 1,630' & 1,530'. Spot 40sx cmt. WOC-4 hrs, cannot get down w/ Tbg. SDFD.
8/18/09 RIH, Tag @ 1,025'. Contact BLM Jim Amos – OK to follow procedure. Perf @ 868'. Run 7" PKR on 6 jts (187'), set. Est inj. rate. Sqz 120sx cmt. WOC 5 hrs. No Tag @ 905'. Re-Sqz 120sx cmt. WOC-O.N.
8/19/09 Tag TOC @ 609'. Will not test – Contact Terry Wilson BLM – OK to perf @ 598'. Est inj. rate. PKR @ 219'. Sqz 80sx cmt neat. Disp. w/ 18 bbl cleared perfs, 2 bbl, no returns @ surface. S/I, WOC 6 hrs. Pressure test still have inj. rate. Sqz 120sx cmt neat. Disp. w/ 16 1/4 bbl b/w & S/I. SDFD.
8/20/09 Open well, blew 5-8 sec & stopped. RIH w/ W/L, no tag @ 910'. Spot 50sx cmt, displace to 646'. WOC 6 hrs. R/U W/L, find mud or bad cmt @ 915'. Run 7" PKR to 906' & back off. Spot 25sx cmt, POOH.
8/21/09 Tag PKR @ 646'. Mix & pump 20 bbl LCM. Contact BLM Wesley Ingram to set 7" CIBP on top of PKR @ 646' – OK. Set CIBP @ 619'. 7" PKR @ 406', load backside from surface. Est. inj. rate @ 2 bpm @ 1000 psi. Sqz 100sx cmt neat. S/I @ 250 psi. SDF weekend.
8/24/09 Tag @ 619'. Call BLM Terry Wilson to pump 100sx cmt w/ PKR @ 375'. WOC, won't hold pressure. Pump 100 more sx cmt. S/I SDFD.
8/25/09 RIH to tag @ 619'. Call BLM Terry Wilson to pump 25sx cmt w/ PKR @ 375' – OK. WOC – Tag @ 567'. Contact Terry Wilson to cut & pull 7" casing – OK.
8/26/09 Cut casing @ 510' – pipe stuck.
8/27/09 Cut casing @ 375' – pipe still not free. Per Terry Wilson BLM – Spot 50sx cmt @ 567'. WOC-Tag.
8/28/09 Tag TOC @ 405'. Per Terry Wilson – Spot 25sx cmt @ 405' – WOC-Tag @ 328'. Pressure to 1000 psi – held. Perf @ 200'. Pump 100sx cmt, top well off.
8/31/09 Tag TOC @ 10'. Top off w/ 10sx cmt. Contact Terry Wilson – Well P&A. RDMO.

Bureau of Land Management
RECEIVED

SEP 10 2009

Carlsbad Field Office
Carlsbad, N.M.