

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

JUN - 2 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
STATE **LC029389C**
6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other INJECTION

2 Name of Operator
COG OPERATING LLC

3a Address
550 W Texas, Ste 1300, Fasken Tower II
Midland, TX 79701

3b. Phone No. (include area code)
(432) 683-7443

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

7. If Unit of CA/Agreement, Name and/or No

NM 71011X

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

9 API Well No
30-015-05507

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

11. Country or Parish, State
EDDY CO.

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 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 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 must 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 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.)

M.I. R.U. Drill out well to top of fish. Try to get fish out of hole.

1. Set CIBP @ 2,860'. Cap w/ 35sx cmt. TOC @ 2,700'.
2. 2,400' - 2,200'. Spot 40sx cmt. TOC @ 2,200'.
3. 1,900' - 1,700'. Spot 40sx cmt. Calc. TOC @ 1,700'*
4. 1,200' - 1,000'. Perf, Sqz, WOC, Tag. 80sx cmt.
5. 868' - 360'. Perf, Sqz, Tag. 120sx cmt.
6. Perf 200'. Sqz 100sx cmt surface 7" x 8 5/8"

Perforate @ 1835' squeeze w/adequate cmt to fill from 1835-1735. WOC Tag

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Title P&A Supervisor

Signature

Date 05/15/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

APPROVED
MAY 30 2009 Date
JAMES A. AMOS SUPERVISOR-EPS

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

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)

COG Operating LLC

AFTER

Lease & Well #

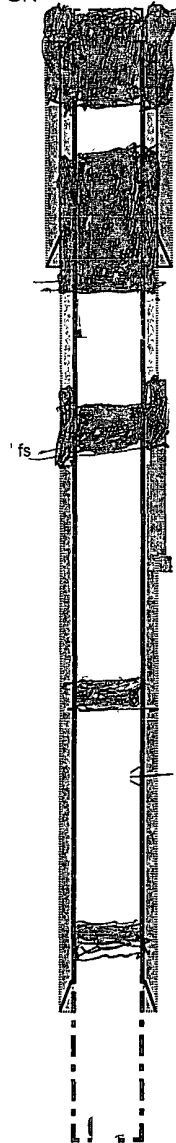
VS Unit # 104

Eddy Co., NM

Spud - ???????

Sec 9, T18S, R31E, 330 FSL & 1980 FWL

Elevation -3684' GR



200 TO SURFACE PERF.

8 5/8" @ 818', c/w 50 sx C Circ cmt ? NA

818 TO 360

perf 592 TAG
120 SAKS cnt

Tight spot @ 999' when RIH w/scraper, worked thru.

1200 TO 1000 perf 592 TAG

1900' TO 1700' 40 SAKS cnt

60 1/2 jts 2 3/8" tbgs w/casing scraper left in hole, 6/23/01.

Top est @ 1880' if on bottom.

2400 TO 2200 40 SAKS cnt.

CAP 35 SAKS - cnt - 2700
CIBP 2860

7" csg @ 2960' c/w 105 sx.

3192 - 3227' Shot w/100 qts nitro

OH TD @ 3,230'

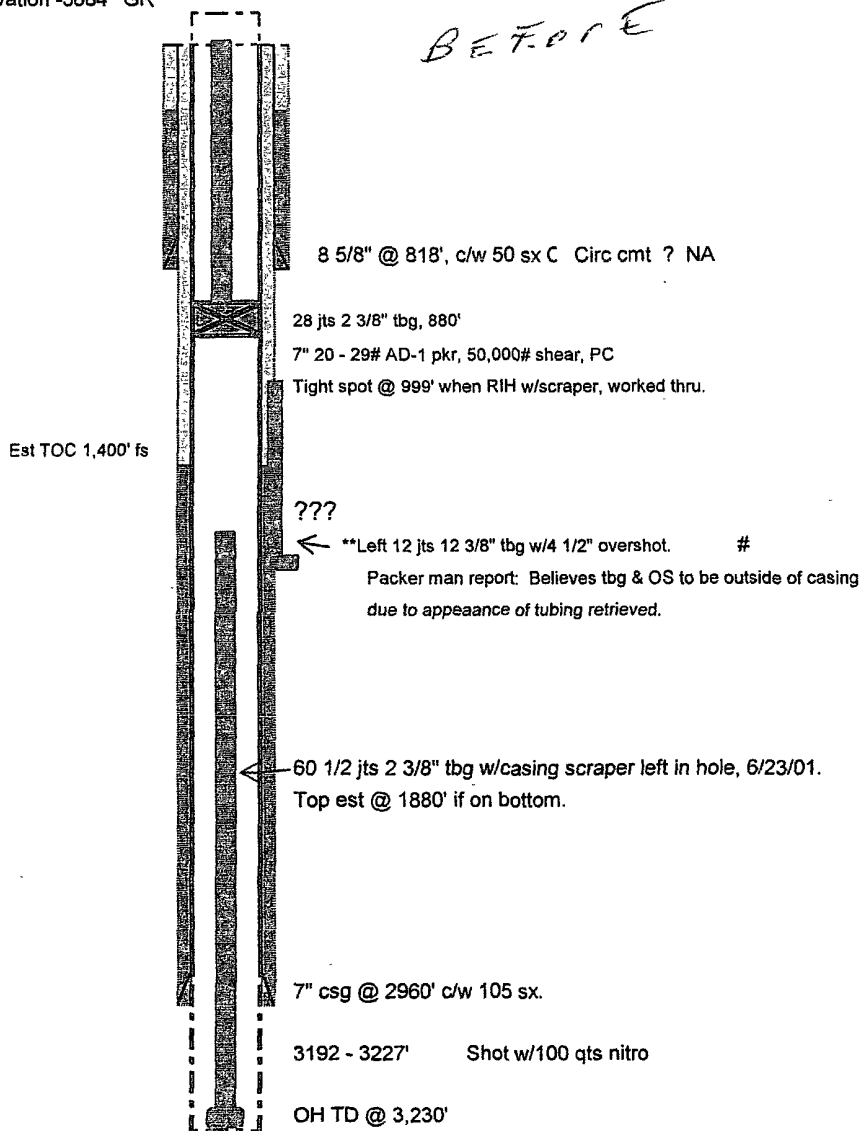
COG Operating LLC

Lease & Well # VS Unit # 104

Spud - ???????
Elevation -3684' GR

Eddy Co., NM
Sec 9, T18S, R31E, 330 FSL & 1980 FWL

BEFORE



**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.