

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA  
MAR 17 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.

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
C.O.G. OPERATING LLC

3a. Address 550 W. TX., SUITE 1300 MIDLAND TX. 79701  
3b. Phone No (include area code) 432-530-0907

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC. 2E, 22, T7S - R29E  
1880 FSC 2082 FWL

5. Lease Serial No  
NMLCO 67132

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
DENTON FED. #6

9. API Well No.  
30-015-24135

10. Field and Pool, or Exploratory Area

TURKEY TRACKS TRUS. QN-GO. SA.  
11. County or Parish, State  
EDDY CO.

12. CHECK 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 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 shall 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 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.)

1- MERRU SET B.P. 1930' CAP SEE ATTACHED FOR  
2- 1650' TO 4450' 25 SAKS. SEE ATTACHED FOR  
3- 418' TO SURFACE 50 SAKS. SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

RANDALL MINEAR Title AGENT

Signature

Randall Minear

Date

3-11-09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Office

**APPROVED**

Date MAR 14 2009

JAMES A. AMOS  
SUPERVISOR

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 officer or employee of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

ENTERED  
MAR 18 2009  
D

3/19/09

# COG Operating LLC

Lease & Well #

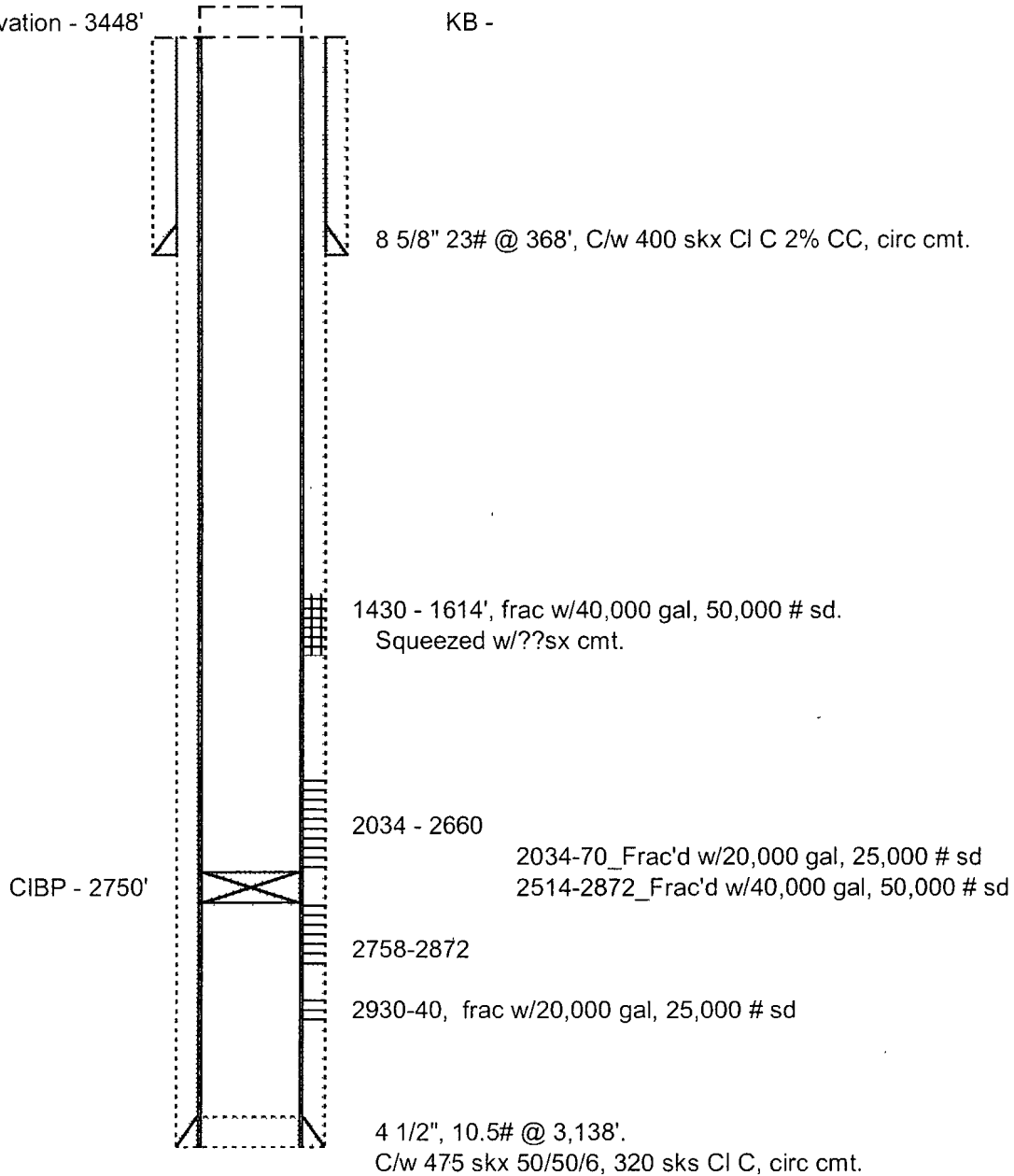
Denton Federal #6

Spud - 4/12/82

*Before*

Elevation - 3448'

KB -



# COG Operating LLC

Lease & Well #

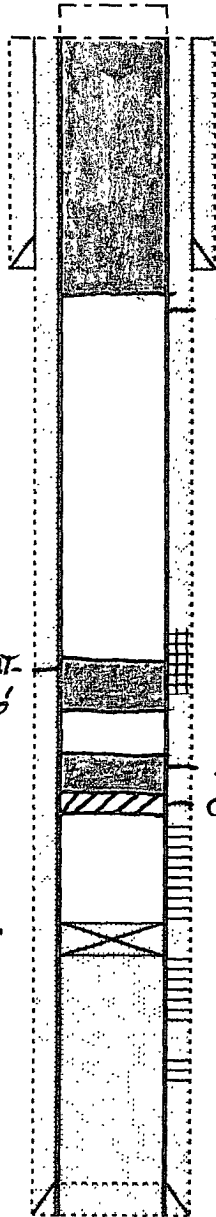
Denton Federal #6

*After*

Spud - 4/12/82

Elevation - 3448'

KB -



8 5/8" 23# @ 368', C/w 400 skx Cl C 2% CC, circ cmt.

*50 sks 1/8 To Surface*

*25 sks cmt.  
1650' To 1450'*

1430 - 1614', frac w/40,000 gal, 50,000 # sd.  
Squeezed w/??sx cmt.

*25 sks cmt 1950' To 1750'  
CIBP 1950'*

2034 - 2660

2034-70\_Frac'd w/20,000 gal, 25,000 # sd  
2514-2872\_Frac'd w/40,000 gal, 50,000 # sd

CIBP - 2750'

2758-2872

2930-40, frac w/20,000 gal, 25,000 # sd

4 1/2", 10.5# @ 3,138'.

C/w 475 skx 50/50/6, 320 sks Cl C, circ cmt.

COG Operating LLC  
NMLC067132: Denton Federal 6  
1880' FSL & 2080' FWL Sec. 22, T18S-R29E  
Eddy County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

1. RIH and tag CIBP @ 2750', and cap with 35' cmt using a dump bail or spot a 25 sx (minimum) cmt plug.
2. RIH and set CIBP @ 1950', spot a 40 sx plug (caps the plug and saves spotting a separate plug from 1664-1380, covering the previously squeezed perforations).
3. At 1000' spot a 25 sx cmt plug (covers the base of salt). WOC and tag no lower than 820'.
4. At 418 spot adequate cmt to fill hole to surface.
5. Pull out of hole, fill as needed.
- 6.

See attached standard COA's.

James A. Amos  
575-234-5909

3/14/09

**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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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 before 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.