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Form 3160-5  
(April 2004)

MAR 18 2009

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

HOBBS

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

G.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)

N- SEC. 26 - T. 5. 19 S RANGE 33 E

660' SOUTH - 1980 WEST -

LEASE CODE F.

PRODUCING METHOD CODE - P

5 Lease Serial No.

N.M. N.M. 03 0941

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No

BATE FEDERAL #1

9 API Well No.

30-025-224871

10. Field and Pool, or Exploratory Area

EAST GEM YATES

11 County or Parish, State

LEA

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 recompleting 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 recompleting 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- M.I.R.V. P.A. EQUIPT. SET W.L. C.I.B.P. AT 3230
- 2- MUD UP HOLE CAP B.P. 25 SAKS. ENT. T.O.C. CALCULATED 3000'
- 3- P.U.H. TO 200' 25 SAKS ENT. T.O.C. CALC. 260'
- 4- 2100' TO 200' 25 SAKS ENT. T.O.C. CALC. 260'
- 5- 1000' TO 200' 25 SAKS ENT. T.O.C. CALC. 260'
- 6- 325' TO SURFACE 45 SAKS ENT. T.O.C. CALC. 260'
- 7 PULL TBG. OUT OF HOLE CAP WELL 10 SAKS ENT.

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

RANDALL MINER

Title

AGENT

Signature

Randall Miner

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

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 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

Lease & Well #

Bates Federal #1

Co., NM

*After*

Spud - 4/28/1966

Sec 26, T19S, 33E, 660 FSL & 1980 FWL

Elevation - 3603' RDB

KB -

*105x5 30-3*

8 5/8" 32# STC J-55 @ 275', c/w 175 sx C, circ. cmt.

*255x5 1000' to 800'*

*255x5 2100 to 2000 TAP*

*255x5 CMT 2800' to 2600'*

*255x5 CMT 3230 - 3000*

*CIP - 3230*

3322-44'

Acidized w/850 gal 15% nE HCL

(Initial completion) 3350-90'

Acidized w/1,000 gal MCA, squeezed w/250 sx.

Re-perf'd 3346 - 64'

Acidized w/750 gal DS-3 NEFE, squeezed w/100 sx

Re-perf'd 3368-78'

Acidized fw/500 gal 15% NEFE, squeezed w/50 sx.

5 1/2" 14# LTC J-55 @ 3,397', C/w 1385 sx, circ cmt.

DV tool - 2922'

PBTD - ?

*455x5 CMT  
325 to 180'  
TAP*

# COG Operating LLC

Lease & Well #

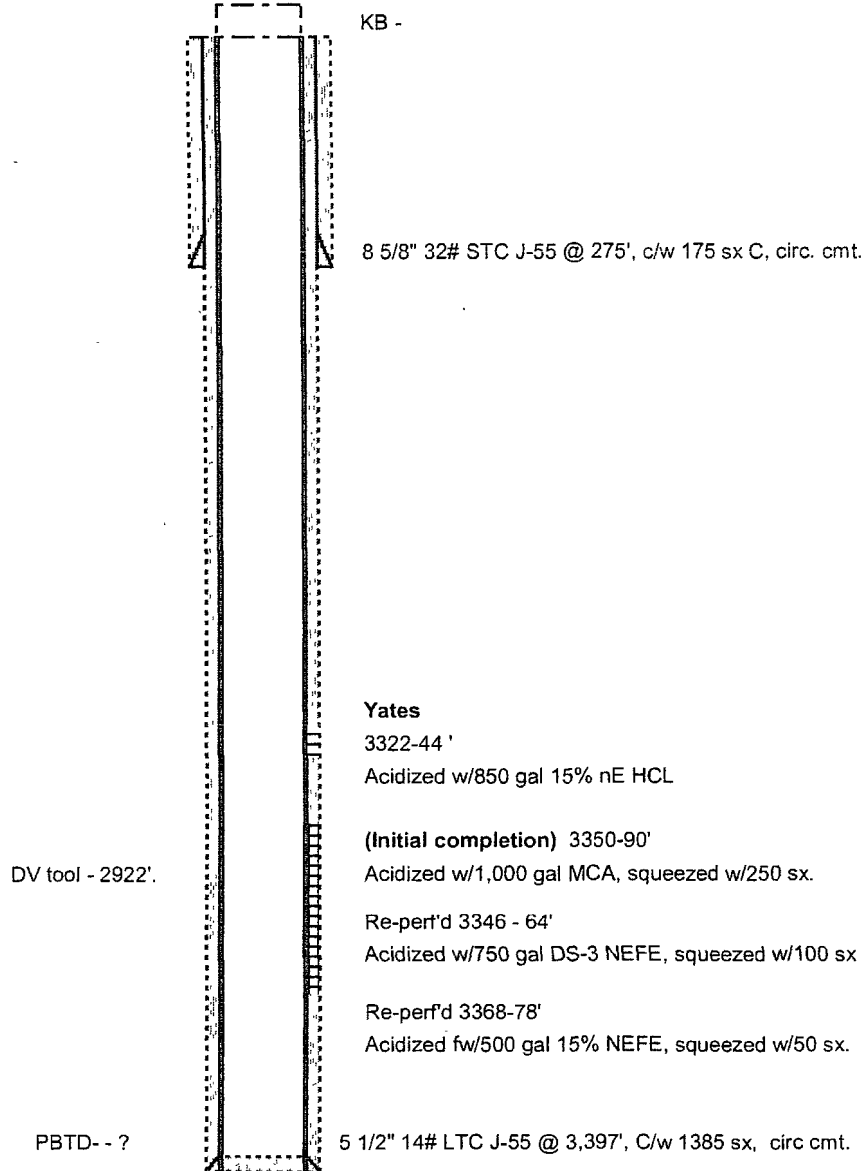
Bates Federal #1

*Betore*  
Co., NM

Spud - 4/28/1966

Sec 26, T19S, 33E, 660 FSL & 1980 FWL

Elevation - 3603' RDB



COG Operating LLC  
NMNM030941: Bate Federal 1  
660' FSL & 1980' FWL Sec. 26, T19S-R33E  
Lea County, New Mexico

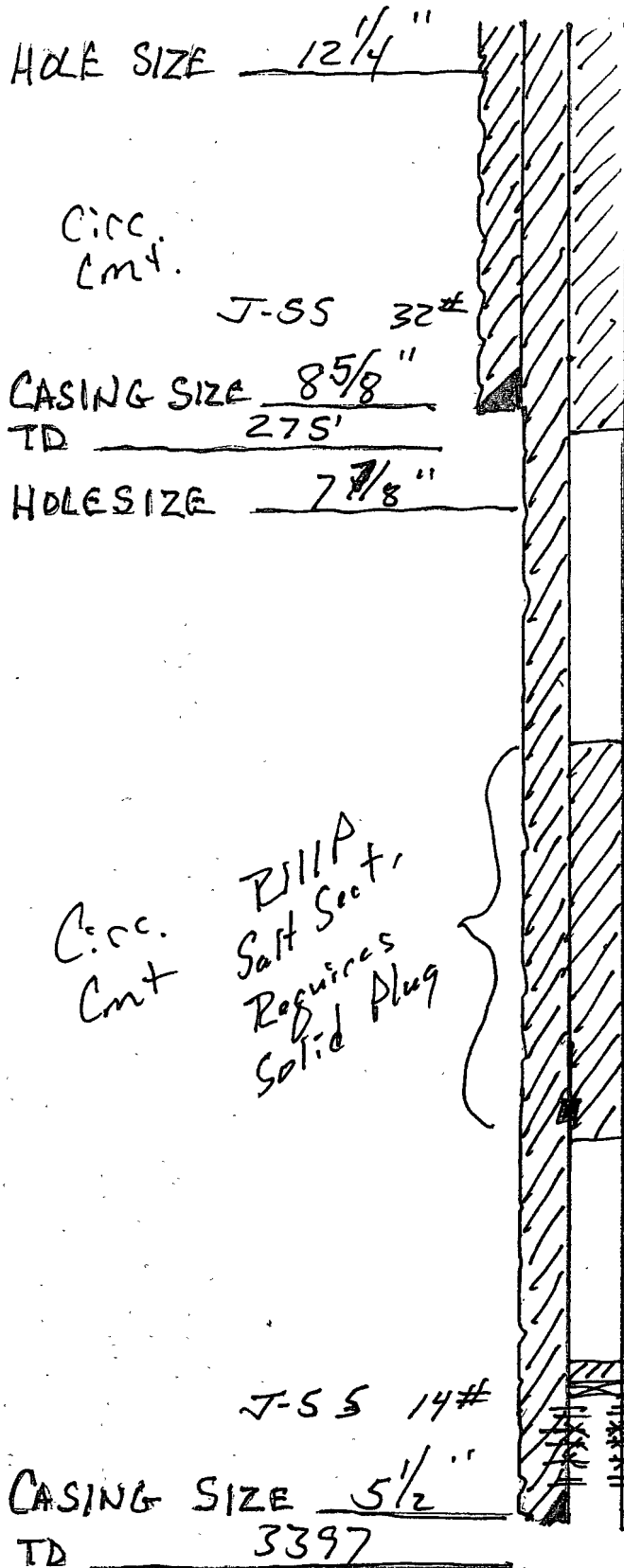
RE: Plugging and Abandonment Requirements, Conditions of Approval

1. Set CIBP within 100' of uppermost perforation (3322'-3222').
2. Cap CIBP with 25 sx cmt minimum.
3. Spot adequate cmt to fill hole from 2972'-1385' (R111P area, requires solid plug thru the salt section. Also covers the DVT). WOC and tag.
4. Spot the surface plug from 325'-surface.
5. Pull out of hole, fill as needed.
- 6.

See attached standard COA's.

James A. Amos  
575-234-5909

3/14/09



SALT SECTION TOP 1435  
BASE 2908  
 RIIP yes  
 CAVE/KARST Low  
 SPEC. WATER Low

32S - Surf.

FORMATIONS Rustler 1305  
T Salt 1435  
B Salt 2908  
Yates 3135

WOC Tag 1385

2922 - 1385  
 WOC Tag

DVT @ 2922

CIBP @ 3300' Cap w/35' cmt.  
 Squeezed DVT 2922'  
 (8/81)

PERFORATIONS 3350-90

Perf. 3346-52. 55-64 50' Squeezed  
 Re-Perf 3346-64 3322-44 (12/82)  
 Bate Fed. 1 Perf 3368-78  
 660 S/1980 W  
 Sec. 26, T19S - R33E

NM030941  
 COG Operating LLC

**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.