

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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. NMNM83591
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: ROBYN ODOM E-Mail: rododom@conchoresources.com		7. If Unit or CA/Agreement, Name and/or No
3a. Address 550 WEST TEXAS AVE, STE 1300 MIDLAND, TX 79701	3b. Phone No (include area code) Ph: 432-685-4385	8. Well Name and No. GISSLER FEDERAL 13H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T17S R30E 1650FSL 330FWL UL L		9. API Well No 30-015-38121
		10. Field and Pool, or Exploratory LOCO HILLS; GLORIETA-YESO
		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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.)

COG Operating LLC respectfully requests permission to make the following changes to the drilling plan:

Change the setting depth of the 7" casing to 4500'.

All other aspects of the drilling plan will remain the same.

Accepted for record - NMOCD  
DD 10-4-11

Approval Subject to General Requirements  
& Special Stipulations Attached

RECEIVED  
SEP 19 2011  
NMOCD ARTESIA

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct Electronic Submission #117220 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) ROBYN ODOM	Title PERSON RESPONSIBLE
Signature (Electronic Submission)	Date 09/09/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>Red M Morgan</i>	Title PETROLEUM ENGINEER	SEP 13 2011
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 BLM-CARLSBAD FIELD 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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Gissler Federal #13H**

**COG Operating LLC**

**30-015-38121**

**Sep 13, 2011**

**Conditions of Approval**

**SUMMARY OF CURRENT STATUS:**

- Gissler Federal was originally permitted in 2009 in the Yeso Group.
- Formation Tops, from the original APD Master Drilling Program are:

Quaternary	Surface
Top of Salt	500'
Base of Salt	1000'
Queen	2070'
Grayburg	2480' oil/gas
San Andres	2780' oil/gas
Glorietta	4220' oil/gas
Yeso Group	4300' oil/gas
- Original Planned Vertical well TVD Yeso Group with 5-1/2" Production Casing
- Aug 2010 Horizontal Revised TVD 4524' Yeso with 7" csg x 4-1/2" Production Liner
- May 2011 Revised TVD to 5200' Yeso with no change in casing program

**REQUEST:**

To change the casing point of the 7" casing from 4400' in the approved APD to 4500'. Planned KOP in the directional program is 4722'. COG indicates this change in setting depth will allow the flexibility for the well plan options and the geology.

**CONDITIONS OF APPROVAL:**

- a) Operator to comply with prior Conditions of Approval, and with the following revisions:
- b) Wait on cement (WOC) time prior to drilling out for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater for all casing strings. DURING THIS WOC TIME, NO DRILL PIPE, ETC. SHALL BE RUN IN THE HOLE.
- c) In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips or where the float does not hold, the minimum wait time before cut-off is eight hours after bumping the plug or when the cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. BOP/BOPE testing can begin after the above conditions are satisfied.
- d) All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.  
Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

TMM 09/13/2011