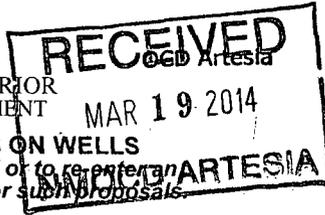


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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.

5. Lease Serial No.  
NMNM83591

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
GISSLER FEDERAL 001

9. API Well No.  
30-015-22456

10. Field and Pool, or Exploratory  
SQUARE LAKE; GRAYBURG

11. County or Parish, and State  
EDDY COUNTY, NM

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COG OPERATING LLC  
Contact: DAVID A EYLER  
E-Mail: DEYLER@MILAGRO-RES.COM

3a. Address  
600 W. ILLINOIS AVE.  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-687-3033

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 5 T17S R30E Mer NMP SWSE 660FSL 1980FEL

**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 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) SET 5-1/2" CIBP @ 4,450'; PUMP 25 SXS.CMT. @ 4,450'-4,260'(T/GLOR.);CIRC.WELL
- 2) CUT X-PULL 5-1/2" CSG @ 4,200'. *Records indicate 5 1/2" liner 3058-6046 (Pulled 3000' 5 1/2")*
- 3) PUMP 115 SXS.CMT. @ 3,236'-2,950'(9-5/8"SHOE, 5-1/2"CSG.CUT, 9-5/8"DV TOOL);TAG *Verify Actual...*
- 4) PUMP 45 SXS.CMT. @ 830'-730'(B/SALT); WOC X TAG CMT. PLUG.
- 5) PUMP 100-SXS.CMT. @ 528'-310'(13-3/8"SHOE,T/SALT); WOC X TAG CMT. PLUG.
- 6) MIX X CIRC. TO SURF. 25 SXS.CMT. @ 63'-3'
- 7) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL GROUND LEVEL DRY HOLE MARKER.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*Ground Level Dry Hole Marker Required*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #238026, verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 03/07/2014 ( )

Name (Printed/Typed) DAVID A EYLER Title AGENT

Signature (Electronic Submission) Date 03/06/2014

RECLAMATION PROCEDURE ATTACHED

*CRD* *3/25/2014*

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

Approved By *James A. [Signature]* Title *SEPS* Date *3-12-14*

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.

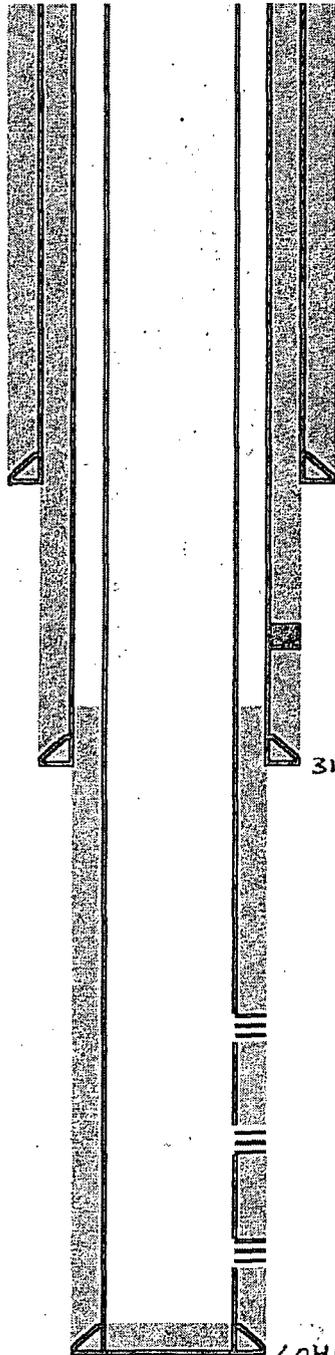
Office *CRD*

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.

Author: James  
 Well Name: GISSLER FEDERAL Well No. #1  
 Field: Square Lake API #: 30-015-22456  
 County: Eddy Prop #:   
 State: New Mexico Zone:   
 Date: 1/24/2014  
 GL  
 KB

*0-5-175-30E 660 SL X 1980 EL*

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8		48	478	500	Surf
Inter Csg	9 5/8		36	3,186	1500	Surf
Prod Csg	5 1/2		17	6,046	1,000	Liner 3058'
Liner						



17 1/2" hole  
 13-3/8" (48#) @ 478' w/450 sx  
 TOC @ surface

*(175) JTS. 2-3/8" } assume  
 (215) RODS ? }*

478'  
 12 1/4" hole  
 9-5/8" 36# @ 3186' w/ 1500 sx  
 TOC @ surface

DV Tool @ 3000'

TOC @ 3058'  
 3186'

8-3/4" hole  
 5 1/2" 17# @ 6046' w/ 1000 sx CMT

perfs 4463-4565 w/15000 gals 20% heated acid and  
 20000 gals heated gelled wtr and 2000 gals 15% ne acid and  
 4000 gals flush wtr.

perfs 4778-4838 w/20000 gals gelled wtr and 227sx 12/20,  
 127sx 20/40 sand.

perfs 4463-4565 w/15000 gals 20% heated acid and  
 20000 gals heated gelled wtr and 2000 gals 15% ne acid and  
 4000 gals flush wtr.

6046'

TD @ 6046'

Author: James

Well Name: GISSLER FEDERAL Well No. #1

Field: Square Lake API #: 30-015-22456

County: Eddy Prop #: \_\_\_\_\_

State: New Mexico Zone: \_\_\_\_\_

Date: 1/24/2014

GL \_\_\_\_\_

KB \_\_\_\_\_

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8		48	478	500	Surf
Inter Csg	9 5/8		36	3,186	1500	Surf
Prod Csg	5 1/2		17	6,046	1,000	Liner 3058'
Liner						



CIRC. 25 SXS. CMT. @ 63'-3'

17 1/2" hole  
13-3/8" (48#) @ 478' w/450 sx  
TOC @ surface

Pump 100 SXS. CMT. @ 528'-310' - TAG

478'  
12 1/4" hole  
9-5/8" 36# @ 3186' w/ 1500 sx  
TOC @ surface

Pump 45 SXS. CMT. @ 830'-730' - TAG

DV Tool @ 3000' 3058  
Pump 115 SXS. CMT. @ 3236'-2950' - TAG  
CUT 5 1/2" CSG. @ 3000'  
TOC @ 3058'

3186'

8 3/4" hole  
5 1/2" 17# @ 6046' w/ 1000 sx CMT

Pump 25 SXS. @ 4450'-4260'

SET 5 1/2" CIRC. @ 4450'

perfs 4463-4565 w/15000 gals 20% heated acid and  
20000 gals heated gelled wtr and 2000 gals 15% ne acid and  
4000 gals flush wtr.

perfs 4778-4838 w/20000 gals gelled wtr and 227sx 12/20,  
127sx 20/40 sand.

perfs 4463-4565 w/15000 gals 20% heated acid and  
20000 gals heated gelled wtr and 2000 gals 15% ne acid and  
4000 gals flush wtr.

6046'

Perfs 5570 - 5610 (5/15/01)

TD @ 6046'

T/Salt 340

B/Salt 780

GR 2146

GB 2450

SA 2884

GL 4310

Tully 5775

DNE 03/05/14

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.

## Requirements for ground level dry hole markers

### Well Identification Markers

#### Conditions of Approval (COA)

The BLM Carlsbad Field Office (CFO) Conditions of Approval (COA) Requires that ground level dry hole markers be placed on well within the Lesser Prairie Chicken habitat area. The dry hole markers will be to the following specifications. The operator will construct the markers as follows:

1. An 8 inch X 8 inch steel plate 1/8 to 3/16 of an inch thick is to be placed on the old dry hole marker stand pipe 2 inches from ground level, in the Lesser Prairie Chicken habitat area.
2. Steel plate may be welded or bolted approximately 2 inches from ground level on the stand pipes. If plates are bolted to the stand pipe, the person installing the plate will be required to weld a pipe collar on the plate and place a minimum of two set screws/bolt on each collar. Aluminum data plates may be bolted with minimum 1/4 inch bolt and locking nuts or self tapping fine threaded screws. A minimum of one in each corner is to be installed on each plate.
3. An 8 inch x 8 inch aluminum plate, which is 12 gauge or .080 sign material (1/8 inch aluminum plate may be used in place of the .080 plate) with the required information for that well stamped or engraved in a minimum 3/8 inch tall letter or number.
4. The following information will be stamped or engraved on the 8 inch X 8 inch aluminum plate in the following order.
  - a. First row: Operators name
  - b. Second row: Well name and number
  - c. Third row: Legal location to include 1/4 1/4, Section, Township, and range. If the legal location cannot be placed on one row it can be split into two rows with the 1/4 1/4 (example: 1980 FNL 1980 FWL) being on the top row.
  - d. Fourth row: Lease Number and API number.
    - i. Example marker plate: (attached)

NMOCD Order No. R-12965 also required the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a ground level dry hole marker was installed as required in the COA's from the BLM.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 E. Greene St.  
Carlsbad, New Mexico 88220-6292  
www.blm.gov/nm



In Reply Refer To: 1310

### Interim Reclamation Procedures

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). Interim reclamation is to be completed within 6 months of well completion.
3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.
4. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
5. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos  
Supervisory Environmental Protection Specialist  
575-234-5909 (Office), 575-361-2648 (Cell)

Linda Denniston  
Environmental Protection Specialist  
575-234-5974

Jennifer Van Curen  
Environmental Protection Specialist  
575-234-5905

Mike Burton  
Environmental Protection Specialist  
575-234-2226

Jeffery Robertson  
Natural Resource Specialist

Solomon Hughes  
Natural Resource Specialist  
575-234-5951

Douglas Hoag  
Civil Engineering Technician  
575-234-5979