Form 3160-5
(August 2007)

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.

5. Lease Serial No.
NMLC029415A B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM128666

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
PUCKETT 13 FEDERAL COM 5H

2. Name of Operator
COG OPERATING LLC
Contact: KANICIA CASTILLO
E-Mail: kcastillo@conchoresources.com

9. API Well No.
30-015-39657-00-S1

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-685-4332

10. Field and Pool, or Exploratory
MAR LOCO

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 13 T17S R31E NWNE 140FNL 1907FEL

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original A PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.)

Change to second lateral NOI:

COG proposes to change the 4 ?? liner isolation system from external packers to cemented liner. This change necessarily results in a change in the completion procedure. The details of both are as follows:

Item #17?Run 4.5? 13.5 # L-80 EUE 8rd LTC casing with external casing packer at 5630?, PBR/top of liner at 5610?, drill pipe to surface. Cement 4 ?? liner from 10768? to 5610? with 215 sacks of acid soluble cement (15#/gal, 2.60 cu.ft./sk)-- 15% excess. Set external casing packer, release drill pipe from liner, circulate excess cement off of liner top, trip out of hole with drill pipe. TIH w/7? RBP on drill pipe and set RBP at 5000?. TOH w/drill pipe.

Cotts from 3/13/2013 still Stand

RECEIVED
JUN 12 2013
NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #208579 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 05/31/2013 (13JLD0879SE)

JDade 6/20/2013
Accepted for record
NMOCD

Name *(Printed/Typed)* KANICIA CASTILLO — Title PREPARER

Signature (Electronic Submission) — Date 05/24/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED
JUN 7 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approved By _____ Title _____ Date

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

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #208579 that would not fit on the form

32. Additional remarks, continued

Completion Procedure:
1. MIRU PU. NU BOPE. Retrieve 7? RBP @ +/-5000?. Install 7? x 4 ?? window isolation assembly.
2. TCP (tubing conveyed perforating gun) perforate toe (1st stage) of upper lateral. ND BOPE. NU frac stack. RDMO PU.
3. RU frac equipment /WL equipment. Fracture stimulate lateral in 10 stages using plug and perf method. RD frac/WL Equipment.
4. Flow well back up casing to recover load.
5. MIRU PU. NU BOPE. Drill out frac plugs and clean out lateral to PBTD.
6. Install pumping equipment. Put upper lateral on production to test.
7. MIRU PU. NUBOPE. Pull pumping equipment.
8. Retrieve whipstock. Retrieve RPB @ +/- 5775?. .
9. Install pumping equipment and put well on production with both lateals commingled.
10. Report production test results.

Attached: Corrected pages from original request.

9. After obtaining free torque, record Pick-Up & Slack-Off weights. Make starting cut through casing wall (approximately 30" total). Sweep with high viscosity polymer pills (if needed) to clean hole. Install two (2) or more ditch magnets at flowline. TOH.

10. TIH with window mill, watermelon mill, & string mill on workstring. Mill window from 5560' to 5660', plus 5' of open hole (KOP - +/-5600')(or depth required by directional company). Circulate hole clean. TOH. (Trip & ream through finished window several times to make sure it is fully open. Check mill gauges after laying down.) Fax in the fisherman's diagram of the window. Verify that the depths on the diagram match the depths on the morning report.

11. PU 6-1/8" bit, downhole motor, muleshoe (UBHO sub), (2) monel drill collars (Install MWD probe inside NMDC and obtain offset), XO flow sub, & muleshoe sub f/gyro on workstring. Surface test motor and MWD. TIH to btm filling pipe as necessary.

12. PU swivel and establish circulation (130 gpm). RU Gyro. Time drill away from casing using continuous readout gyro for checking well path and tool face. Magnetic interference may occur, particularly while motor is in the window. If necessary, use gyro single shots for drilling away from casing. Once MWD readouts can function without magnetic influence from casing, RD Gyro & drill remaining curve at 164-200 GPM to EOC (±6,457' MD 6,150' TVD) using MWD.

13. Build curve at 11.0°/100' BUR to planned inclination of 91.0° and azimuth (after gyro correction) of 184.65°. Survey as needed to ensure curve is built according to plan. Sweep hole with high viscosity polymer pills (if needed) for good hole cleaning. Sweep hole at least once per day.

14. At EOC, TOH. PU & TIH w/6-1/8" **PDC** bit, downhole motor, muleshoe (UBHO sub), (2) monel drill collars (Install MWD probe inside NMDC and obtain offset) & XO flow sub on 3-1/2" drill pipe or PH-6 workstring. TIH very carefully with bit through the casing window to prevent bit damage. Ream curve as necessary to remove any severe "kinks" or doglegs.

15. Drill the lateral section with the angle hold motor in the oriented and rotary mode as necessary. Drill at 91.0° inclination, 184.65° azimuth for a total of 5015' horizontal section at lease line (estimated to be at 10,768' MD, 6,075' TVD). Take surveys every 30' or as needed to maintain inclination and direction.

16. At TD, circ hole clean. Make reamer runs as required. TOH, LD DP and tools.

17. Run 4.5" 13.5 # L-80 EUE 8rd LTC casing with external casing packer at 5630', PBR/top of liner at 5610', drill pipe to surface. Cement 4 ½" liner from 10768' to 5610' with 215 sacks of acid soluble cement (15#/gal, 2.60 cu.ft./sk)-- 15% excess. Set external casing packer, release drill pipe from liner, circulate excess cement off of liner top, trip out of hole with drill pipe. TIH w/7" RBP on drill pipe and set RBP at 5000'. TOH w/drill pipe.

18. ND BOPE, NU WH w/cap.

19. RDMO rig.

Completion Procedure

1. MIRU PU. NU BOPE. Retrieve 7" RBP @ +/-5000'. Install 7" x 4 ½" window isolation assembly.
2. TCP (tubing conveyed perforating gun) perforate toe (1st stage) of upper lateral. ND BOPE. NU frac stack. RDMO PU.
3. RU frac equipment /WL equipment. Fracture stimulate lateral in 10 stages using plug and perf method. RD frac/WL Equipment.
4. Flow well back up casing to recover load.
5. MIRU PU. NU BOPE. Drill out frac plugs and clean out lateral to PBTD.
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