

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCT 03 2008
OCD-ARTESIAFORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

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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 ☐ Other2 Name of Operator
COG Operating LLC3a Address
550 W. Texas Ave., Suite 1300 Midland, TX 797013b Phone No. (include area code)
432-685-4332

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' FNL & 330' FWL
Sec.12, T17S, R30E, Unit E5 Lease Serial No.
LC-029338B

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No.
Harvard Federal #69 API Well No.
30-015-3512410 Field and Pool, or Exploratory Area
GJ; 7Rvs-Qn-Grayburg SA 2850911 County or Parish, State
Eddy, NM

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 checked="" 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 Recomplete To |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | GB/SA & DHC |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | w/Yeso |

- 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.)

06-23-08 MIRU. POOH w/pump, rods & tbg. 06-24-08 RIH w/RBP & set @ 4520'. 07-01-08 Perf @ 4290'-4490', 2 SPF, 36 holes.

07-02-08 Acidize w/2500 gal 15%. Frac w/59,000 gal SilverStem 21# gel; 73,623# 16/30 Brown sand; 21,000# 16/30 CRC. Flush w/base gel.

RIH w/RBP & set @ 4245'. Perf @ 4000'-4200', 2 SPF, 36 holes. Acidize w/2500 gal 15%. Frac w/60,000 gal SilverStem 21# gel;

79,790# 16/30 Brown sand; 21,000# 16/30 CRC. Flush w/base gel. RIH w/RBP & set @ 3965'. Perf @ 3730'-3930', 2 SPF, 36 holes.

Acidize w/2500 gal 15%. Frac w/59,000 gal SilverStem 21# gel; 74,188# 16/30 Brown sand; 21,000# 16/30 CRC. Flush w/base gel. RIH

w/RBP & set @ 3695'. Perf @ 3460'-3660', 2 SPF, 36 holes. Acidize w/2500 gal 15%. Frac w/59,000 gal SilverStem 21# gel; 74,344#

16/30 Brown sand; 21,000# 16/30 CRC. Flush w/base gel. RIH w/RBP & set @ 3430'. Perf @ 3190'-3390', 2 SPF, 36 holes. Acidize

w/2500 gal 15%. Frac w/56,000 gal SilverStem 21# gel; 72,609# 16/30 Brown sand; 35,000# 16/30 CRC. Flush w/base gel.

07-11-08 Release RBP @ 3430' & POOH. 07-14-08 Release RBP @ 3695' & POOH. Release RBP @ 3965' & POOH.

07-16-08 Release RBP @ 4245' & POOH. Release RBP @ 4520' & POOH.

07-17-08 RIH w/183 jts 2 7/8" tbg, SN @ 5682'. RIH w/2-1/2x2x20' pump & rods. Hang well on. Restore production from Loco Hills-

Glorieta-Yeso 5044.5' - 5912' and commingle w/Grayburg Jackson SR Queen SA 3440' - 4450'. Shut In.

PERFS OIL RATE GAS RATE GAS% WTR RATE WTR%

The intervals are as follows:

Grayburg Jackson SR Queen Grayburg SA (28509) 3190' - 4490' SI 0% SI 0% SI 0%

Loco Hills; Glorieta-Yeso (96718) 5044.5' - 5912' SI 0% SI 0% SI 0%

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

Kancía Carrillo

Title Regulatory Analyst

Signature

Date

09/29/2008

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

Date

Office

Accepted for record
NMOCB

Title 18 USC Section 1001 and Title 43 USC 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)