

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTEMNRD-OCD ARTESIA
REC'D: 7/28/2020FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.
NMNM84711

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
FEDERAL Z 22. Name of Operator
COG OPERATING LLCContact: MIKE PIPPIN
E-Mail: mike@pippinllc.com9. API Well No.
30-015-21524-00-S13a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 505-327-457310. Field and Pool or Exploratory Area
AVALON-DELAWARE

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

Sec 29 T20S R27E NWSW

11. County or Parish, State

EDDY COUNTY, NM

12. CHECK THE 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"/> Hydraulic Fracturing | <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 checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input 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 recompleate 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THIS IS THE RE-COMPLETION OF THIS WELL TO YESO.

On 7/26/18, MIRUSU. TOH w/rods, pump, & tbq. Set 5-1/2" RBP @ 4700' & 5-1/2" PKR @ 4676' & PT RBP & 5-1/2" csg to 3500 psi for 15 min-OK. TOH w/PKR & RBP. Set 5-1/2" CIBP @ 6830' & top w/25 sx cmt.

On 7/30/18 PT 5-1/2" csg to 3500 psi-OK. On 7/31/18, set 5-1/2" CBP @ 4710' & perfed Yeso @ 4271'-4489' w/27-0.42" holes. On 8/6/18, treated new perfs w/1500 gal 15% HCL acid & fraced w/30,108# resin coated 100 mesh & 190,085# resin coated 30/50 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 4100'. Perfed Yeso @ 3676'-3951' w/30 holes. Treated new Yeso perfs w/1000 gal 15% HCL & fraced w/29,965# resin coated 100 mesh & 250,180# resin coated 30/50 sand in slick water. Spotted 504 gal 15% HCL across next stage.

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

Electronic Submission #431107 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/16/2018 (18DLM0572SE)

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 08/14/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 08/16/2018

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 Carlsbad

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)

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

ACCEPTED FOR RECORD 7/28/2020 AB

Additional data for EC transaction #431107 that would not fit on the form

32. Additional remarks, continued

Set 5-1/2" CBP @ 3630'. Perfed Yeso @ 3370'-3593' w/26 holes. Treated new Yeso perfs w/1000 gal 15% HCL & fraced w/29,965# resin coated 100 mesh & 250,180# resin coated 30/50 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 3300'. Perfed Yeso @ 2940'-3241' w/29 holes. Treated new Yeso perfs w/1000 gal 15% HCL & fraced w/28,391# resin coated 100 mesh & 264,755# resin coated 30/50 sand in slick water.

On 8/8/18, MIRUSU. CO after frac, drilled CBPs @ 3300', 3630' & 4100', & CO to CBP @ 4710'. On 8/13/18, landed ESP on 2-7/8" 6.5# L-80 tbg @ 3290'. Released completion rig on 8/14/18.

Revisions to Operator-Submitted EC Data for Sundry Notice #431107

| | Operator Submitted | BLM Revised (AFMSS) |
|----------------|--|---|
| Sundry Type: | RCMPL SR | RCMPL SR |
| Lease: | NMNM025528 | NMNM84711 |
| Agreement: | | |
| Operator: | LIME ROCK RESOURCES II-A,L.P. 3104 N SULLIVAN FARMINGTON, NM 87401 Ph: 505-327-4573 | COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385 |
| Admin Contact: | MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com Ph: 505-327-4573 | MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com Ph: 505-327-4573 |
| Tech Contact: | MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com Ph: 505-327-4573 | MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pippinllc.com Ph: 505-327-4573 |
| Location: | | |
| State: | NM | NM |
| County: | EDDY | EDDY |
| Field/Pool: | RED LAKE,GL-YO 51120 | AVALON-DELAWARE |
| Well/Facility: | FEDERAL Z 2 Sec 33 T17S R27E SWSE 660FSL 1830FEL | FEDERAL Z 2 Sec 29 T20S R27E NWSW |