

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. FEDERAL Z 2
2. Name of Operator COG OPERATING LLC		9. API Well No. 30-015-21524-00-S1
3a. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701		10. Field and Pool or Exploratory Area AVALON-DELAWARE
3b. Phone No. (include area code) Ph: 505-327-4573		11. County or Parish, State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T20S R27E NWSW		

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 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 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, & tbg. 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 perms 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 perms 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 ACCEPTED	JONATHON 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@pipinllc.com Ph: 505-327-4573	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pipinllc.com Ph: 505-327-4573
Tech Contact:	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pipinllc.com Ph: 505-327-4573	MIKE PIPPIN PETROLEUM ENGINEER E-Mail: mike@pipinllc.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