

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.
NMLC054988B

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		8. Well Name and No. JENKINS B FEDERAL 12
2. Name of Operator COG OPERATING LLC		9. API Well No. 30-015-31559
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVE MIDLAND, TX 79701		10. Field and Pool, or Exploratory LOCO HILLS;GLORIETA-YESO
3b. Phone No. (include area code) Ph: 432-685-4332		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R30E Mer NMP 2310FNL 2310FWL		

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 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 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.)

COG Operating LLC respectfully requests to recomplete this well to the San Andres, changing it from a injection well to an producing oil well.

- Rod Pull Procedure
- ? MIRU WSU, NU BOP
- ? POOH w/ rods and pump on LD on location
- ? Let Engineering know the quantity and conditions of the rods and pump
- ? RU Wireline
- ? Set CIBP @ 4225?
- ? Wireline truck dump 40? Class C cement of top of CIBP
- ? Tag cement plug to verify depth of 4185?
- ? Pull up 4? to circulate hole clean with fresh water, and displace w/ 2% KCL and 1% packer

Accepted for record
NMOCD
6-12-2014
NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 09 2014
RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #246290 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 05/20/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #246290 that would not fit on the form

32. Additional remarks, continued

corrosion inhibitor.

? Test Casing to 4,200 psi and report back to engineering if the pressure holds.

? Secure wellbore

? RDMO WSU

Tentative Recompletion Procedure

? NU frac valve, and test casing to 4200 psi

? Rig up wireline.

? RIH w/ perforating guns and perforate San Andres Zone from 3750?-3975? w/ 3 spf, 60? phasing, 56 holes.

? Acidize w/ 1500 gals of 15% HCl.

? Frac zone w/ 181,250 # of sand.

? Record ISIP and FG, Get 5, 10, 15 min SIP

? Rig up Wireline

? RIH w/ WL and set Composite Plug @ 3900?

? Perforate San Andres Zone from 3425?-3625? w/ 3 spf, 60? phasing, 56 holes.

? Acidize w/ 1500 gals of 15% HCl.

? Frac zone w/ 181,250 # of sand.

? Record ISIP and FG, Get 5, 10, 15 min SIP

? MIRU WSU

? Rig up Wireline

? RIH w/ WL and set Composite Plug @ 3450?

? Perforate San Andres Zone from 3100?-3315? w/ 3 spf, 60? phasing, 56 holes.

? Acidize w/ 1500 gals of 15% HCl.

? Frac zone w/ 181,250 # of sand.

? Record ISIP and FG, Get 5, 10, 15 min SIP

? RIH with Production tbg and tag for fill w/ bailer and knock out composite plugs at 3450? and 3900?

? Clean out fill to new PBTD @ 4096?

? POOH bailer and tbg

? RIH with production tubing and locate intake at 4125?.

? Set TAC @ 3050?

? RIH w/ rods and pump.

? RDMO rig.

JUN 09 2014

Rod Pull Procedure

- MIRU WSU, NU BOP
- POOH w/ rods and pump on LD on location
 - Let Engineering know the quantity and conditions of the rods and pump
- RU Wireline
- Set CIBP @ 4225'
- Wireline truck dump 40' Class C cement of top of CIBP
- Tag cement plug to verify depth of 4185'
- Pull up 4' to circulate hole clean with fresh water, and displace w/ 2% KCL and 1% packer corrosion inhibitor.
- Test Casing to 4,200 psi and report back to engineering if the pressure holds.
- Secure wellbore
- RDMO WSU

RECEIVED

Tentative Recompletion Procedure

- NU frac valve, and test casing to 4200 psi
- Rig up wireline.
- RIH w/ perforating guns and perforate San Andres Zone from 3750'-3975' w/ 3 spf, 60° phasing, 56 holes.
- Acidize w/ 1500 gals of 15% HCl.
- Frac zone w/ 181,250 # of sand.
- Record ISIP and FG, Get 5, 10, 15 min SIP
- Rig up Wireline
- RIH w/ WL and set Composite Plug @ 3900'
- Perforate San Andres Zone from 3425'-3625' w/ 3 spf, 60° phasing, 56 holes.
- Acidize w/ 1500 gals of 15% HCl.
- Frac zone w/ 181,250 # of sand.
- Record ISIP and FG, Get 5, 10, 15 min SIP
- MIRU WSU
- Rig up Wireline
- RIH w/ WL and set Composite Plug @ 3450'
- Perforate San Andres Zone from 3100'-3315' w/ 3 spf, 60° phasing, 56 holes.
- Acidize w/ 1500 gals of 15% HCl.
- Frac zone w/ 181,250 # of sand.
- Record ISIP and FG, Get 5, 10, 15 min SIP
- RIH with Production tbg and tag for fill w/ bailer and knock out composite plugs at 3450' and 3900'
- Clean out fill to new PBTD @ 4096'
- POOH bailer and tbg
- RIH with production tubing and locate intake at 4125'.
- Set TAC @ 3050'
- RIH w/ rods and pump.
- RDMO rig.

COG Operating LLC

Lease & Well #

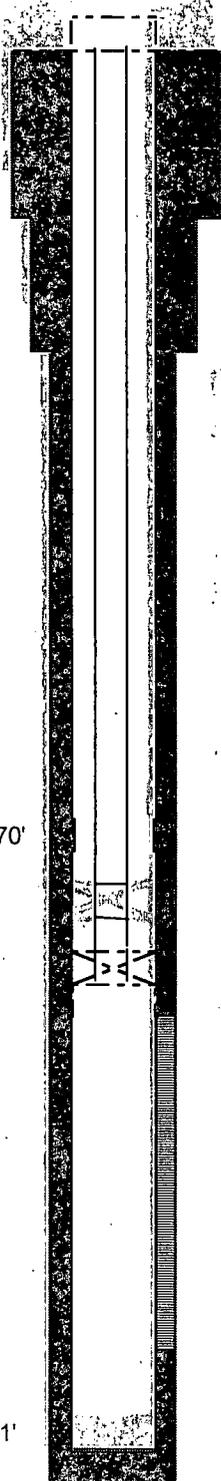
Jenkins B Federal # 12 WIW

Sec 20F, 17S 30E, Eddy Co., NM

SPUD: 12/1/99
3001531559

Elevation - 3640

KB -



13 3/8" 48# K-55 STC csg @ 427', 450 sx. Circ 65 sx.

8 5/8" 24# 8rd J-55 STC @ 1097, 600 sx, circ. 23 sx, ready mix to surf.

DV tool -3970'

Marker jt @ 4300'

PBTD - 4851'

135 lts PL 2 7/8" tbg

PL SN

PL XO

Lockset pkr @ 4246'

Converted to WIW 8-14-07

Yeso

4321: - 4748, 96 holes

Acidized w/2,500 gal 15% HCL

Trt w/32,000 gal 20% HCL, 54,000 gal LG, 5,000 gal 15% HCL

Acidized w/2,500 gal 15% HCL when converted to injector.

1st stage: 200' sx 50/50, circulated 125 sx.

2nd stage: 850' sx, circulated 154' sx.

5 1/2" 17# J-55 LT&C csg @ 4866'.