

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 21 2015

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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. MCINTYRE DK FED 13	
2. Name of Operator COG OPERATING LLC		9. API Well No. 30-015-30679-00-S1	
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701		10. Field and Pool, or Exploratory LOCO HILLS	
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 17 T17S R30E SWSW 990FSL 990FWL			

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 request an extension on the attached recompletion NOI. We plan to start work within the next 6 weeks.

*Work to be completed October 15, 2015.
Original COAs still stand*

Accepted for record
NMOCD
APD 7/21/2015

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #308435 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JENNIFER SANCHEZ on 07/15/2015 (15JAS0421SE)

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 07/08/2015

APPROVED
JUL 15 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 _____	Date _____

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 21 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
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SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM86025
2. Name of Operator COG OPERATING LLC Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T17S R30E SWSW 990FSL 990FWL		8. Well Name and No. MCINTYRE DK FED 13
		9. API Well No. 30-015-30679-00-S1
		10. Field and Pool, or Exploratory LOCO HILLS
		11. County or Parish, and State EDDY COUNTY, NM

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COG Operating LLC respectfully requests to recomplete this well to the San Andres as follows:

MCINTYRE DK FEDERAL #13

We are going to set a CIBP at 4166? (50? above the YESO perms) w/ 40? of CMT on top of the plug to have our PBD @ 4126?. We plan to have our bottom perms from 3949?-4068?. Ideally, we like to have 200?-300? of rathole below our bottom perms to give our bottom hole assembly room and prevent tubing from getting stuck with sand. In addition to having desired rathole space, this gives COG the option to re-enter the Glorietta/Yeso formation at later time.

Equipment Pull Procedure
? MIRU WSU, NU BOP
? Unset pump and POOH with rod

ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record
NMOCD

8RD 7/21/2015

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

Electronic Submission #287546 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER MASON on 01/14/2015 (15JAM0186SE)

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 01/09/2015
APPROVED	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____ Date JAN 14 2015
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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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.

Additional data for EC transaction #287546 that would not fit on the form

32. Additional remarks, continued

- ? Tag for fill with tubing and POOH and bail if needed
- ? PU scraper and scrape down to 4216?
- ? POOH with tubing LD
- ? RU Wireline
- ? Set CIBP @ 4166?
- ? Wireline truck dump 40? Class C cement of top of CIBP
- ? Tag cement plug to verify depth of 4126?
- ? 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

Tentative Recompletion Procedure

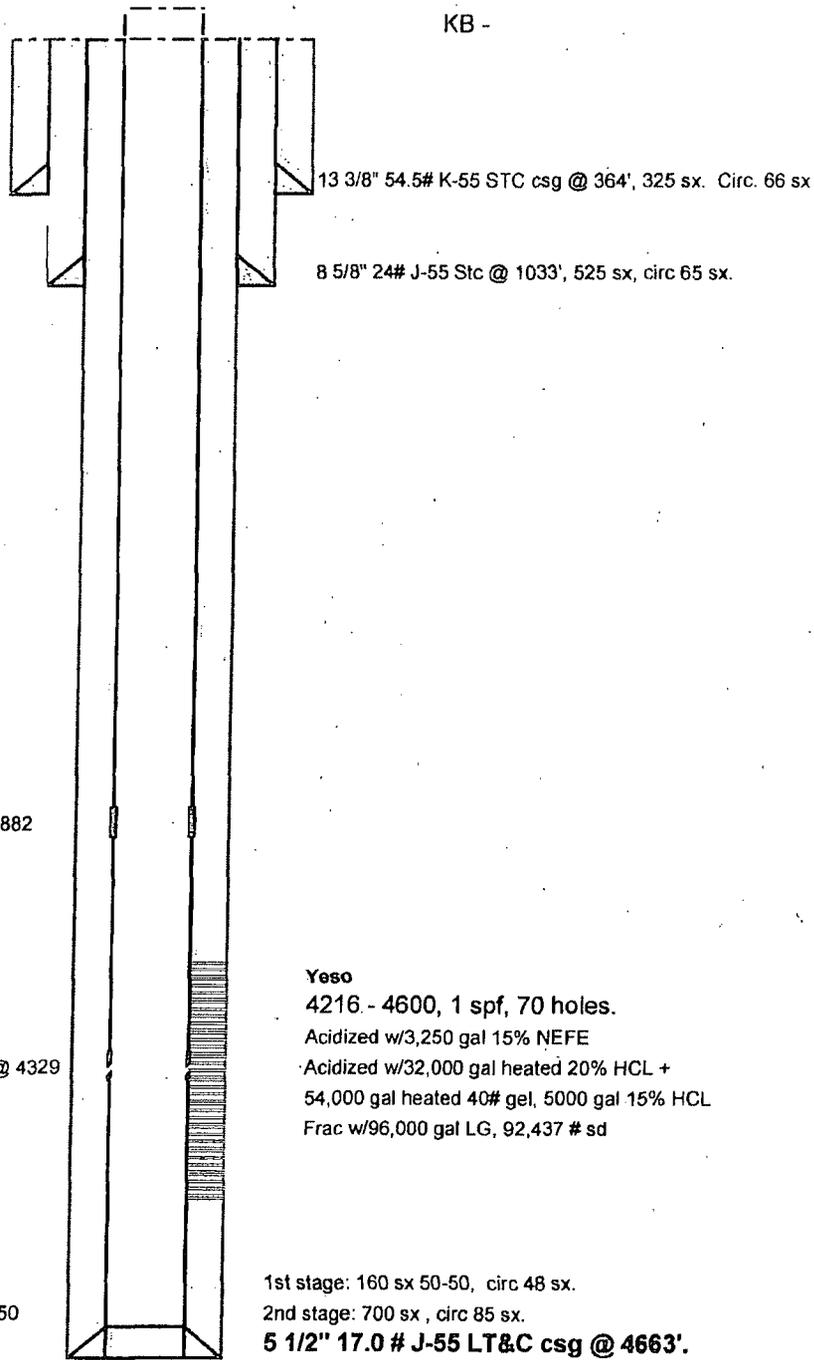
- ? NU frac valve, and test casing to 4200 psi
 - ? Rig up wireline.
 - ? RIH w/ perforating guns and perforate San Andres Zone from 3949'-4068', w/ 3 spf, 60? phasing, 54 holes.
 - ? Acidize w/ 1500 gals of 15% HCl.
 - ? Frac zone w/ 181,250 # of sand.
 - ? Record ISIP and FG, Get 5, 10, 15 min SIP
 - ? Rig up Wireline
 - ? RIH w/ WL and set Composite Plug @ 3881?
 - ? Perforate San Andres Zone from 3641'-3831', w/ 3 spf, 60? phasing, 54 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 @ 3275?
 - ? Perforate San Andres Zone from 3029'-3226', w/ 3.spf; 60? phasing, 54 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 at knocked Composite plugs @ 3275? and 3881?
 - ? Clean out fill to new PBTD @ 4126?
 - ? RIH with production tubing and locate intake at 4100?.
 - ? Set TAC @ 3000?
 - ? RIH w/ rods and pump.
 - ? RDMO rig.
- Please see attachments.

COG Operating LLC

Lease & Well # McIntyre DK Federal #13

Elevation - 3648

KB -

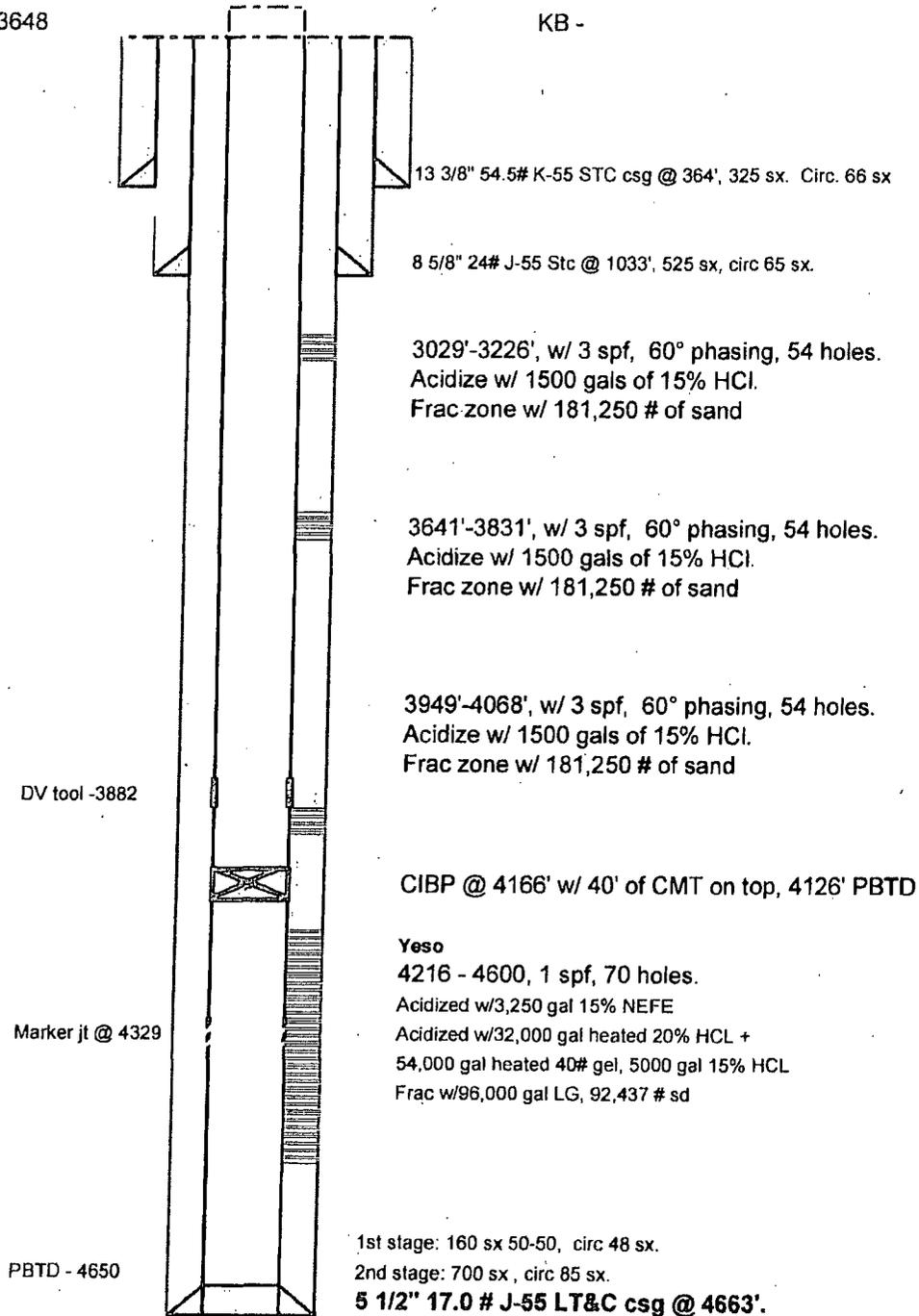


COG Operating LLC

Lease & Well # McIntyre DK Federal #13

Elevation - 3648

KB -



MCINTYRE DK FEDERAL #13

We are going to set a CIBP at 4166' (50' above the YESO perms) w/ 40' of CMT on top of the plug to have our PBTB @ 4126'. We plan to have our bottom perms from 3949'-4068'. Ideally, we like to have 200'-300' of rathole below our bottom perms to give our bottom hole assembly room and prevent tubing from getting stuck with sand. In addition to having desired rathole space, this gives COG the option to re-enter the Glorietta/Yeso formation at later time.

Equipment Pull Procedure

- MIRU WSU, NU BOP
- Unset pump and POOH with rod
- Tag for fill with tubing and POOH and bail if needed
- PU scraper and scrape down to 4216'
- POOH with tubing LD
- RU Wireline
- Set CIBP @ 4166'
- Wireline truck dump 40' Class C cement of top of CIBP
- Tag cement plug to verify depth of 4126'
- 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

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 3949'-4068', w/ 3 spf, 60° phasing, 54 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 @ 3881'
- Perforate San Andres Zone from 3641'-3831', w/ 3 spf, 60° phasing, 54 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 @ 3275'
- Perforate San Andres Zone from 3029'-3226', w/ 3 spf, 60° phasing, 54 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 at knocked Composite plugs @ 3275' and 3881'
- Clean out fill to new PBTB @ 4126'

- RIH with production tubing and locate intake at 4100'.
- Set TAC @ 3000'
- RIH w/ rods and pump.
- RDMO rig.

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 21 2015

RECEIVED

Mcintyre DK Fed 13
30-015-30679
COG Operating, LLC.
January 14, 2015
Conditions of Approval

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

Work to be completed by April 14, 2015.

1. Operator shall set a CIBP at 4,166' and place 40' Class C cement on top. Tag required.

Note: At a later date, the Glorieta formation must be abandoned properly.

2. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. Operator to have H2S monitoring equipment on location.
8. A minimum of a **2000 (2M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.

9. Subsequent sundry required detailing work done and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.

10. See attached for general requirements.

JAM 011415