

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.*

**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. NMLC054988B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-4332		8. Well Name and No. JENKINS B FEDERAL 12
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R30E SENW 2310FNL 2310FWL		9. API Well No. 30-015-31559-00-S1
		10. Field and Pool, or Exploratory LOCO HILLS-PADDOCK
		11. County or Parish, and State EDDY COUNTY, NM

**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 to the San Andres.

We would like an extension on our previous submission. We plan on doing the work sometime from Oct 22, 2014 to mid November 2014.

Please see attachment.

Accepted for record  
NMOCD *tes*  
10674  
NM OIL CONSERVATION  
ARTESIA DISTRICT  
OCT 03 2014  
RECEIVED

*work to be completed by Dec. 30, 2014.  
Original COAs still stand.*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #267141 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER MASON on 09/30/2014 (14JAM0412SE)	
Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 09/30/2014
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 _____
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.	

APPROVED  
SEP 30 2014  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

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  
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.  
JENKINS B FEDERAL 12

2. Name of Operator  
COG OPERATING LLC  
Contact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com

9. API Well No.  
30-015-31559

3a. Address  
ONE CONCHO CENTER 600 W ILLINOIS AVE  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-685-4332

10. Field and Pool, or Exploratory  
LOCO HILLS; GLORIETA-YESO

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

Sec 20 T17S R30E Mer NMP 2310FNL 2310FWL

11. County or Parish, and State

EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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<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
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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  
o 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  
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 \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Operator Copy

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

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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 20 T17S R30E SENW 2310FNL 2310FWL		8. Well Name and No. JENKINS B FEDERAL 12
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COG Operating LLC respectfully requests to recompleat 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' 4270'

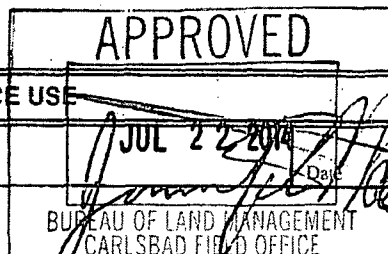
? Wireline truck dump-40? Class C cement of top of CIBP

? Tag cement plug to verify depth of 4186'

? Pull up 4? to circulate hole clean with fresh water, and displace w/ 2% KCL and 1% packer

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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 Committed to AFMSS for processing by CATHY QUEEN on 05/28/2014 (14CQ0066SE)	
Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 05/20/2014
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
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 _____	



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**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**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.

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-3559	<sup>2</sup> Pool Code 28509	<sup>3</sup> Pool Name Grayburg Jackson; SR-Q-G-SA
<sup>4</sup> Property Code 302510	<sup>5</sup> Property Name Jenkins B Federal	<sup>6</sup> Well Number 12
<sup>7</sup> OGRID No. 229137	<sup>8</sup> Operator Name COG Operating LLC	<sup>9</sup> Elevation 3640

<sup>10</sup> Surface Location

UL or lot no. F	Section 20	Township 17S	Range 30E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 2310	East/West line West	County Eddy
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Kanicia Castillo</u> Date: <u>6/5/14</u></p> <p>Printed Name: <u>Kanicia Castillo</u></p> <p>E-mail Address: <u>kcastillo@concho.com</u></p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p>
	<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>

# COG Operating LLC

Lease & Well #

Jenkins B Federal # 12 WIW

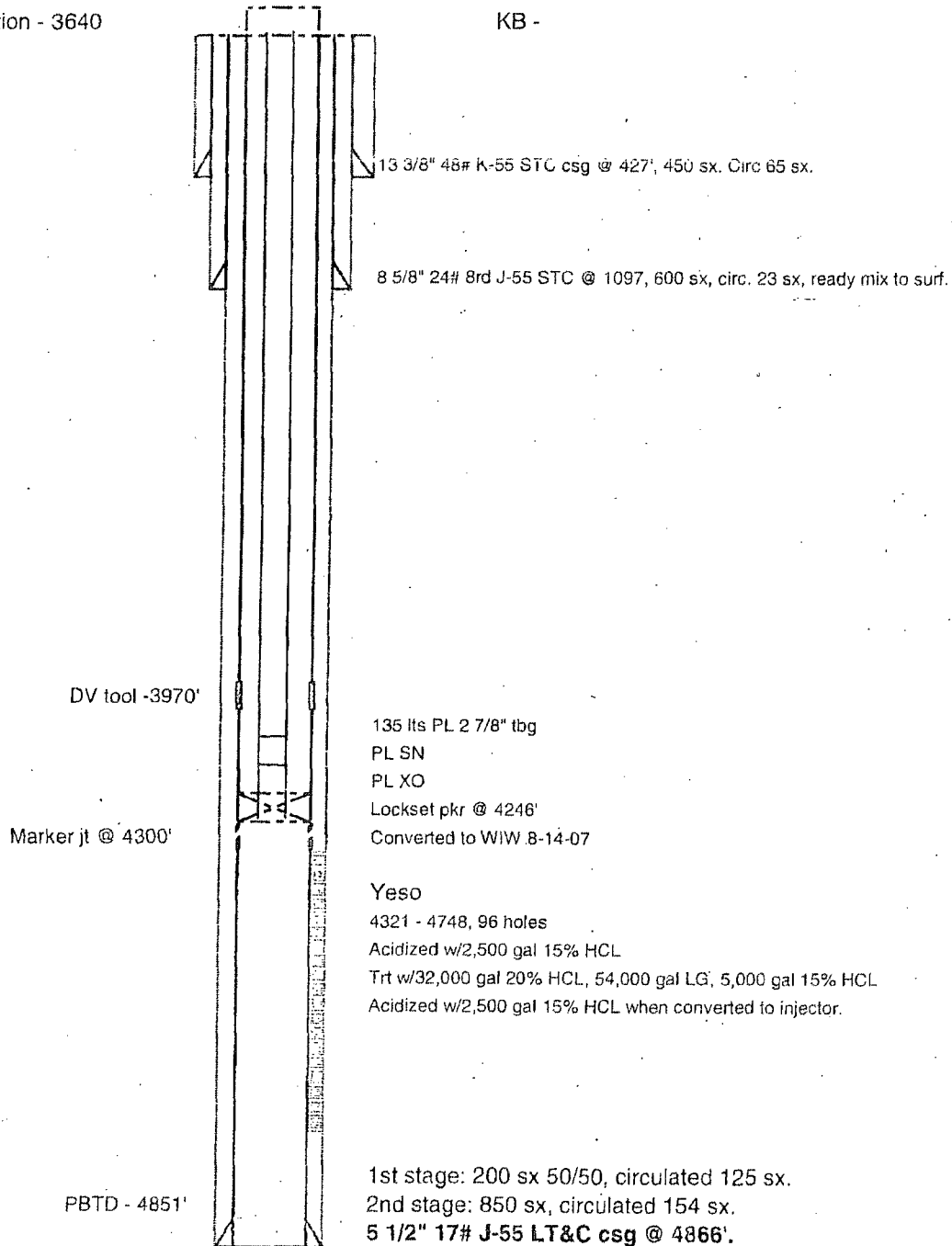
Sec 20F, 17S 30E, Eddy Co., NM

SPUD: 12/1/99

3001531559

Elevation - 3640

KB -



# COG Operating LLC

Lease & Well #

Jenkins B Federal # 12 WIW

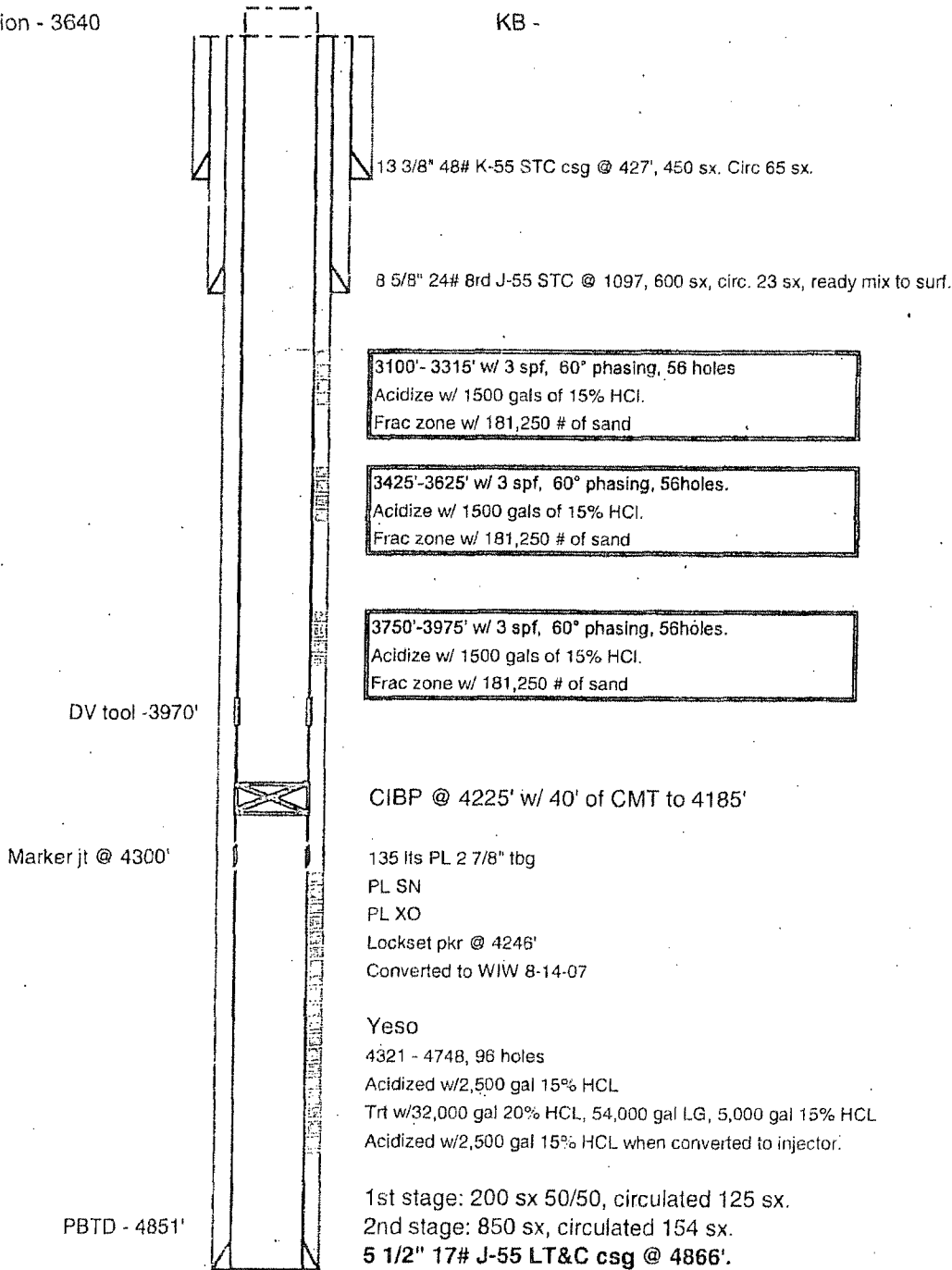
Sec 20F, 17S 30E, Eddy Co., NM

SPUD: 12/1/99

3001531559

Elevation - 3640

KB -



### **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

### **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.



**Jenkins B Federal 12  
30-015-31559  
COG Operating, LLC.  
July 22, 2014  
Conditions of Approval**

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

**Work to be completed by October 22, 2014.**

- 1. Operator shall set a CIBP at 4,270' and place 35sx Class C cement on top. Tag required at a minimum of 3,920' to seal the top of the Glorietta and DV tool.**
- 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 072214

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.