

**JENKINS B FEDERAL #17R**

**API# 30-015-34138**



**Well History**

Spudded: 11/10/2005

Completed: 1/9/2006

Used as an injection well: 9-7-07

Converted to producer: 5-20-10

Pulled: 8/25/2010, RIH with 2.25" pump

*LR Dade 10/9/2013*  
Accepted for record  
NMOCD

**Well Data**

Perfs

**Squeezed Off**

San Andres 3019'-3248'

San Andres 3354'-3540'

San Andres 3793'-4045'

Accepted for record  
NMOCD

Open

Paddock 4268'-4653'

PBTD 4713'

Unit: 640-365-168 Previously running @9.4 SPM

Fluid Level: 2935' GFAP

Well Test: 0.5 oil, 261 water, 1 gas

Deviated:

### **Current TBG Detail**

133 JTS 2-7/8" J-55 TBG

2' Marker joint

1 JT 2-7/8" J-55 TBG

TAC (TAC@ 4225')

1 JT 2-7/8" J-55 TBG

TBG Barrel

Slotted MA

1 JT 2-7/8" J-55 TBG

BP @ EOT 4650'

### **Current Rod Detail**

1.25" x 26' SMPR

2' Norris D-90 rod sub

66 7/8" N-90 rods

112- 3/4" N D90 rods

4- 1 3/8" sinker bars

2 1/2"x 1 3/4"x 24' RXBC (Quinn)

### **Rod Pull Procedure**

- MIRU WSU, NU BOP
- POOH w/ rods and pump
- Set CIBP @ 4200'
- Wireline truck dump 35' Class C cement of top of CIBP
- Tag cement plug to verify depth of 4165'

- Pulled up 4' to circulate hole clean with fresh water, and displace w/ 2% KCL and 1% packer corrosion inhibitor.
- POOH and secure wellbore

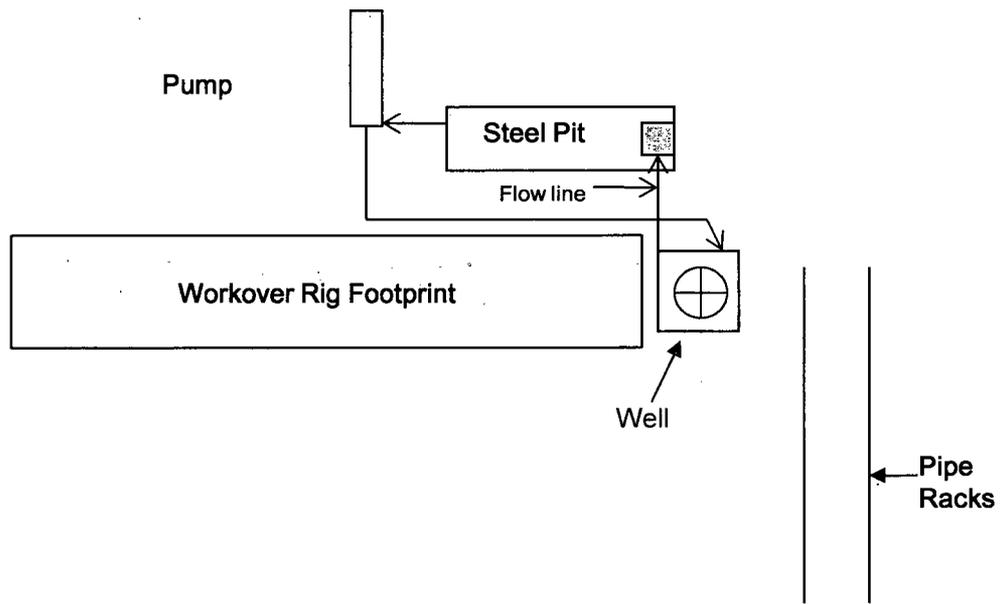
#### **Proposed Recompletion Procedure**

- MIRU pulling unit.
- POOH w/ current tubing, NU frac valve, and test casing to 5300 psi
- Rig up wireline.
- RIH w/ perforating guns and reperforate San Andres from 3793'-4044' w/ 1 spf, 26 holes.
- Acidize w/ 2500 gals of 15% HCl. Set plug at 3600'
- RIH w/ perforating guns and reperforate San Andres from 3354' -3540' w/ 1 spf, 26 holes.
- Acidize w/ 2500 gals of 15% HCl. Set plug at 3300'
- RIH w/ perforating guns and reperforate San Andres from 3018' -3248' w/ 1 spf, 26 holes.
- Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 100,000 # of sand.
- RIH and drill out plugs at 3300' and 3600'.
- RIH with production tubing and locate intake at 4100'.
- RIH w/ rods and pump.
- RDMO rig.

Using the Closed-loop system (Haul-off Bins)  
See Attachments.

COG Operating LLC

Closed Loop Equipment Diagram –  
Workover



## Closed Loop Operation & Maintenance Procedure

During each day of operation, the rig's crew will inspect and closely monitor the fluids contained within the steel tank and visually monitor any release that may occur. Should a release, spill or leak occur, the NMOCD District 2 office Artesia (575-748-1283) will be notified, as required in NMOCD's rule 19.15.29.8.

## Kanicia Castillo

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**From:** Michael James  
**Sent:** Thursday, September 19, 2013 3:12 PM  
**To:** Kanicia Castillo  
**Subject:** RE: JENKINS B FEDERAL #17R Recompletion Procedure Proposal  
**Attachments:** Jenkins B Fed # 17 WBD.xls; Jenkins B Fed # 17 proposed WBD.xls

Here is the current Jenkins #17 WBD and planned WBD. I noticed that the shot density was greater in the WBD I found on the O:drive than what I had put in my initial email.

### Proposed Recompletion Procedure

- MIRU pulling unit.
- POOH w/ current tubing, NU frac valve, and test casing to 5300 psi
- Rig up wireline.
- RIH w/ perforating guns and reperforate San Andres from 3793'-4044' w/ 1 spf, 62 holes.
- Acidize w/ 2500 gals of 15% HCl. Set plug at 3600'
- RIH w/ perforating guns and reperforate San Andres from 3354' -3540' w/ 1 spf, 58 holes.
- Acidize w/ 2500 gals of 15% HCl. Set plug at 3300'
- RIH w/ perforating guns and reperforate San Andres from 3018' -3248' w/ 1 spf, 64 holes.
- Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 100,000 # of sand.
- RIH and drill out plugs at 3300' and 3600'.
- RIH with production tubing and locate intake at 4100'.
- RIH w/ rods and pump.
- RDMO rig.

**Michael A. James**  
**Operations Engineer**  
**One Concho Center, Floor Eight**  
**600 W. Illinois Avenue**  
**Midland, Texas 79701**  
**Cell: 817.235.2091**



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**From:** Kanicia Castillo  
**Sent:** Wednesday, September 18, 2013 2:46 PM  
**To:** Michael James  
**Subject:** RE: JENKINS B FEDERAL #17R Recompletion Procedure Proposal

Thank you!

*Kanicia Castillo*  
**Lead Regulatory Analyst**  
**COG OPERATING LLC**  
One Concho Center  
600 W. Illinois Avenue  
Midland, TX 79701  
P.432.685.4332

# COG Operating LLC

Lease & Well #

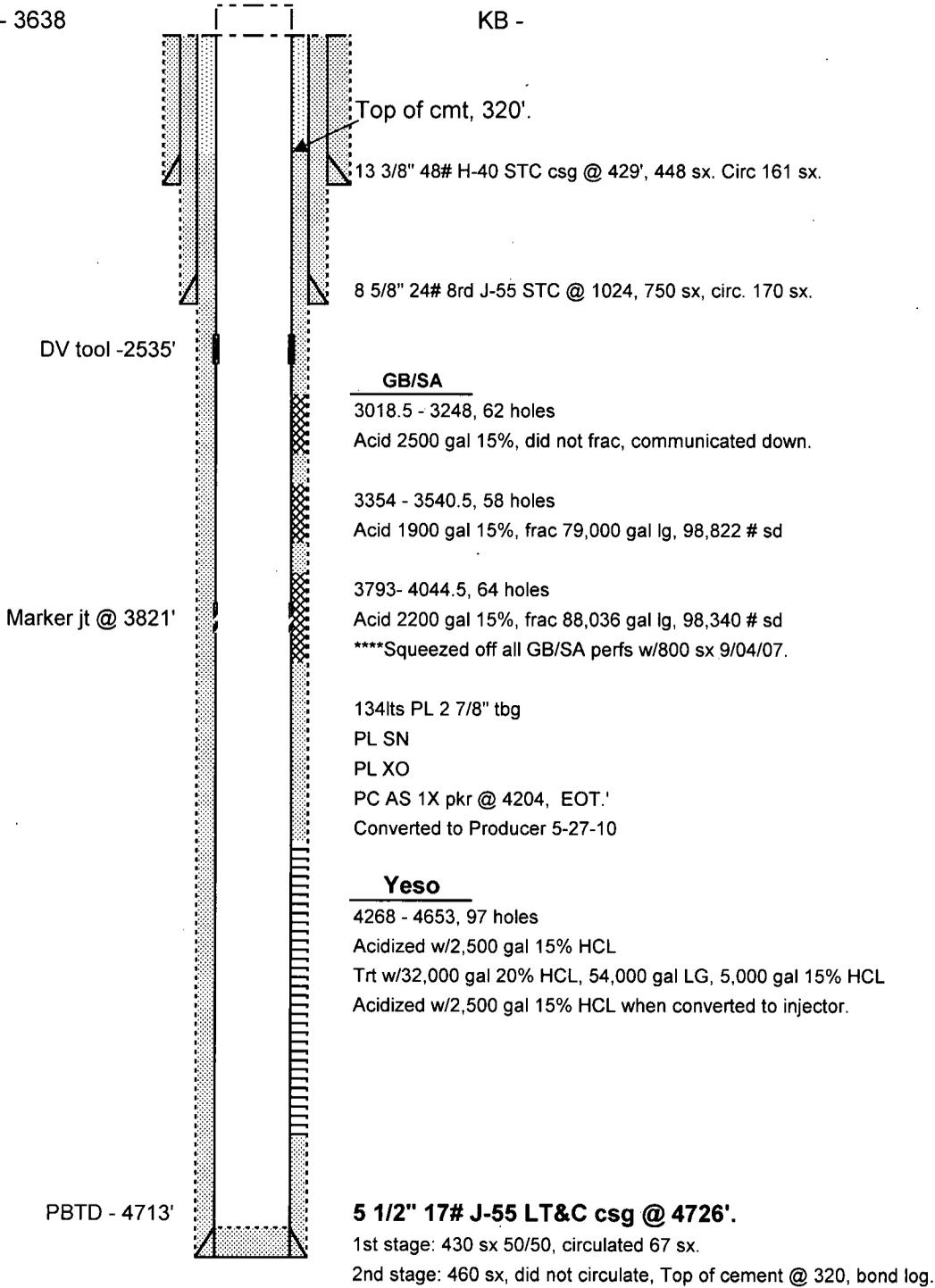
Jenkins B Federal # 17 (Actual)

SPUD: 11/16/06  
3001534138

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

Elevation - 3638

KB -



# COG Operating LLC

Lease & Well #

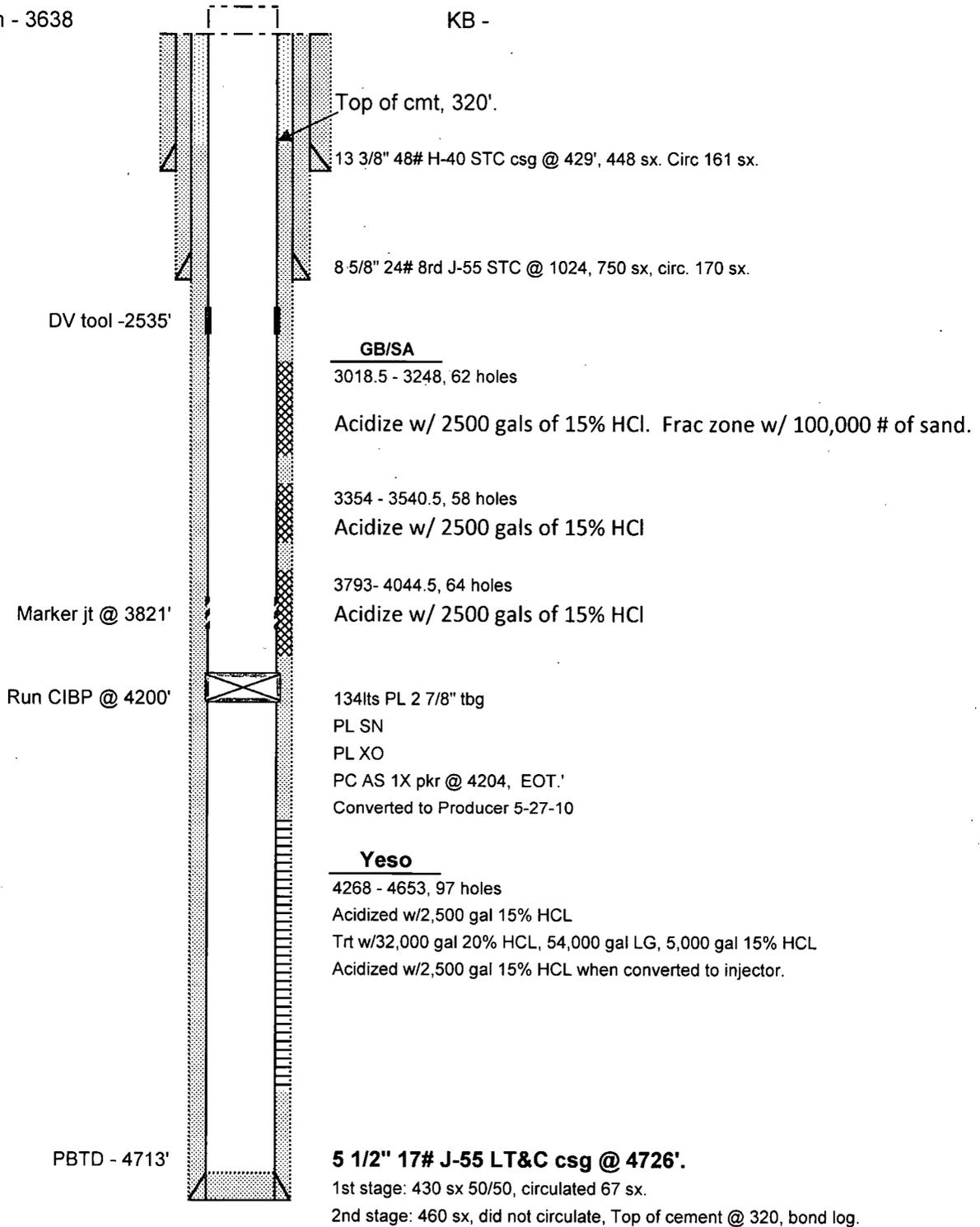
Jenkins B Federal # 17 (Proposed)

SPUD: 11/16/06  
3001534138

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

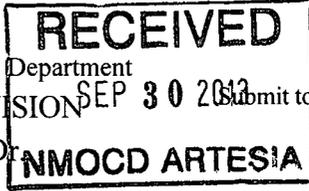
Elevation - 3638

KB -



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-34138</b>		<sup>2</sup> Pool Code <b>28509</b>	<sup>3</sup> Pool Name <b>Grayburg Jackson; SR-Q-G-SA</b>
<sup>4</sup> Property Code <b>302510</b>	<sup>5</sup> Property Name <b>Jenkins B Federal</b>		<sup>6</sup> Well Number <b>17</b>
<sup>7</sup> OGRID No. <b>229137</b>	<sup>8</sup> Operator Name <b>COG OPERATING LLC</b>		<sup>9</sup> Elevation <b>3599.5</b>

<sup>10</sup> Surface Location									
UL or lot no. <b>C</b>	Section <b>20</b>	Township <b>17S</b>	Range <b>30E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>North</b>	Feet from the <b>1525</b>	East/West line <b>West</b>	County <b>Eddy</b>

<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
<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p> <p>Signature <b>Kanicia Castillo</b></p> <p>Printed Name <b>Lead Regulatory Analyst</b></p> <p>Title and E-mail Address <b>09/18/13</b></p> <p>Date</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION 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>Referred Original Plat</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>