

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



Well Data

Perfs

LR Dade 10/9/2013
Accepted for record
NMOCD

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

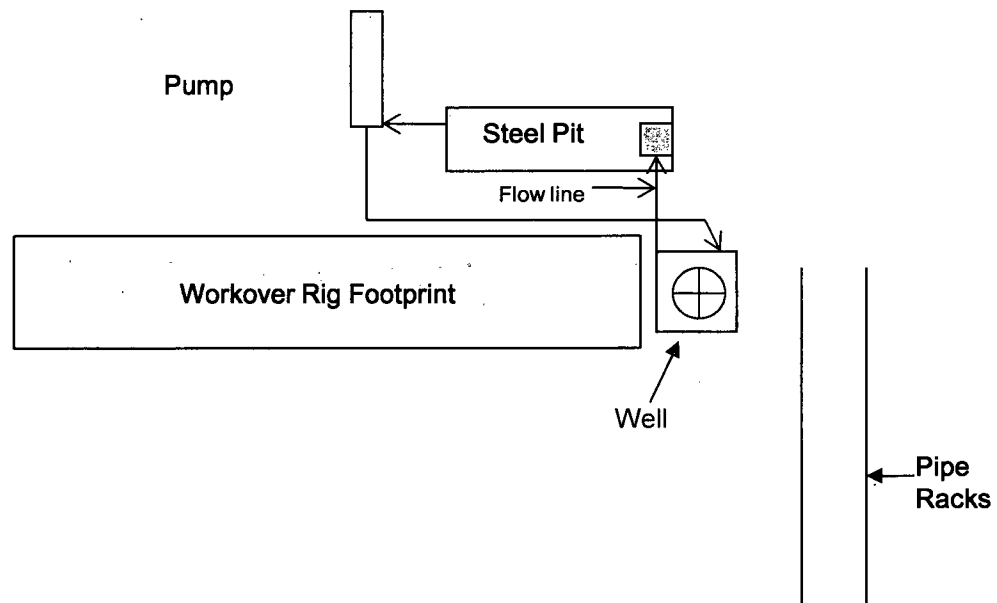
Proposed Recompletion Procedure

- 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

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



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 #

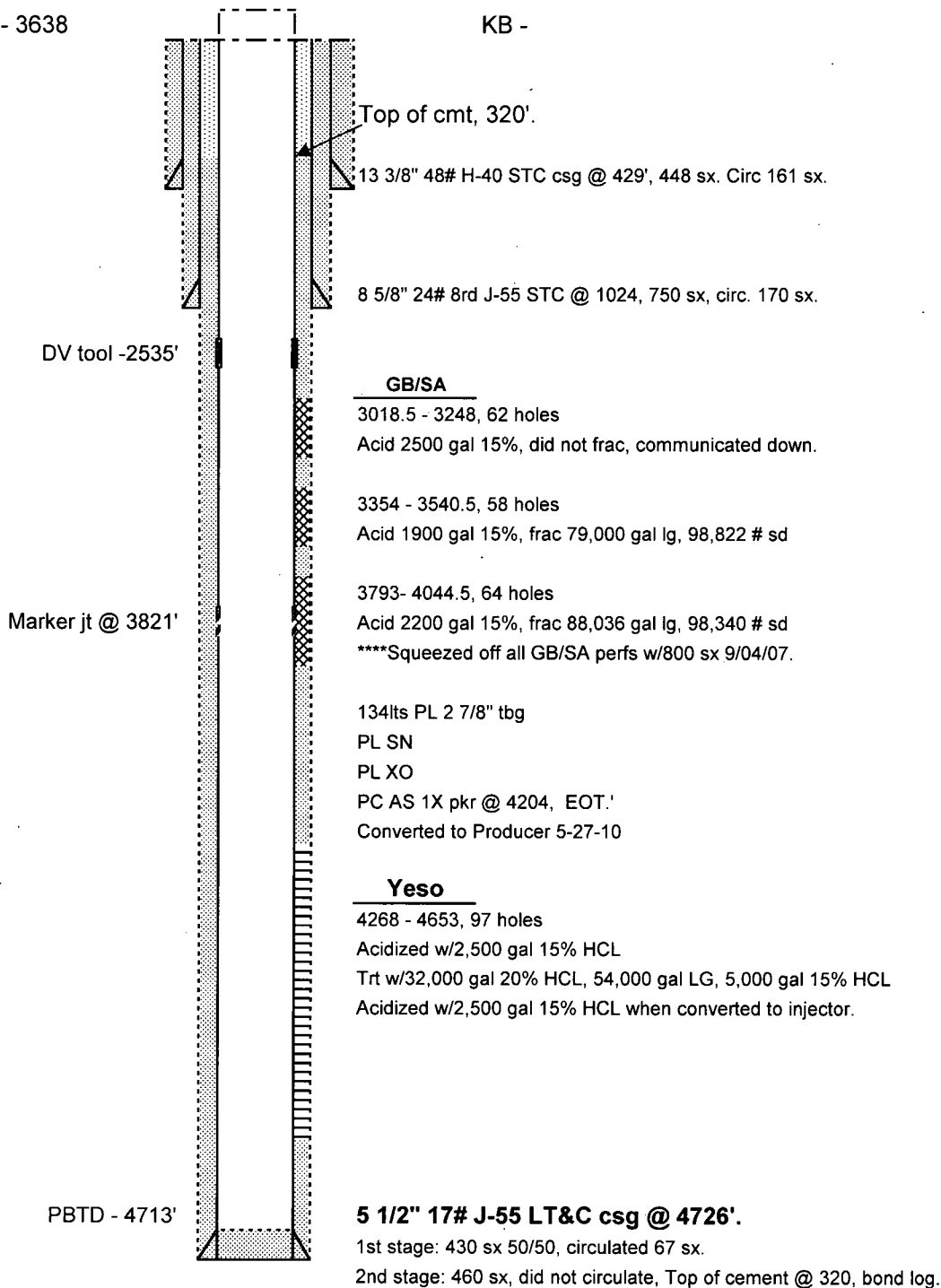
Jenkins B Federal # 17 (Actual)

SPUD: 11/16/06
3001534138

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

Elevation - 3638

KB -



COG Operating LLC

Lease & Well #

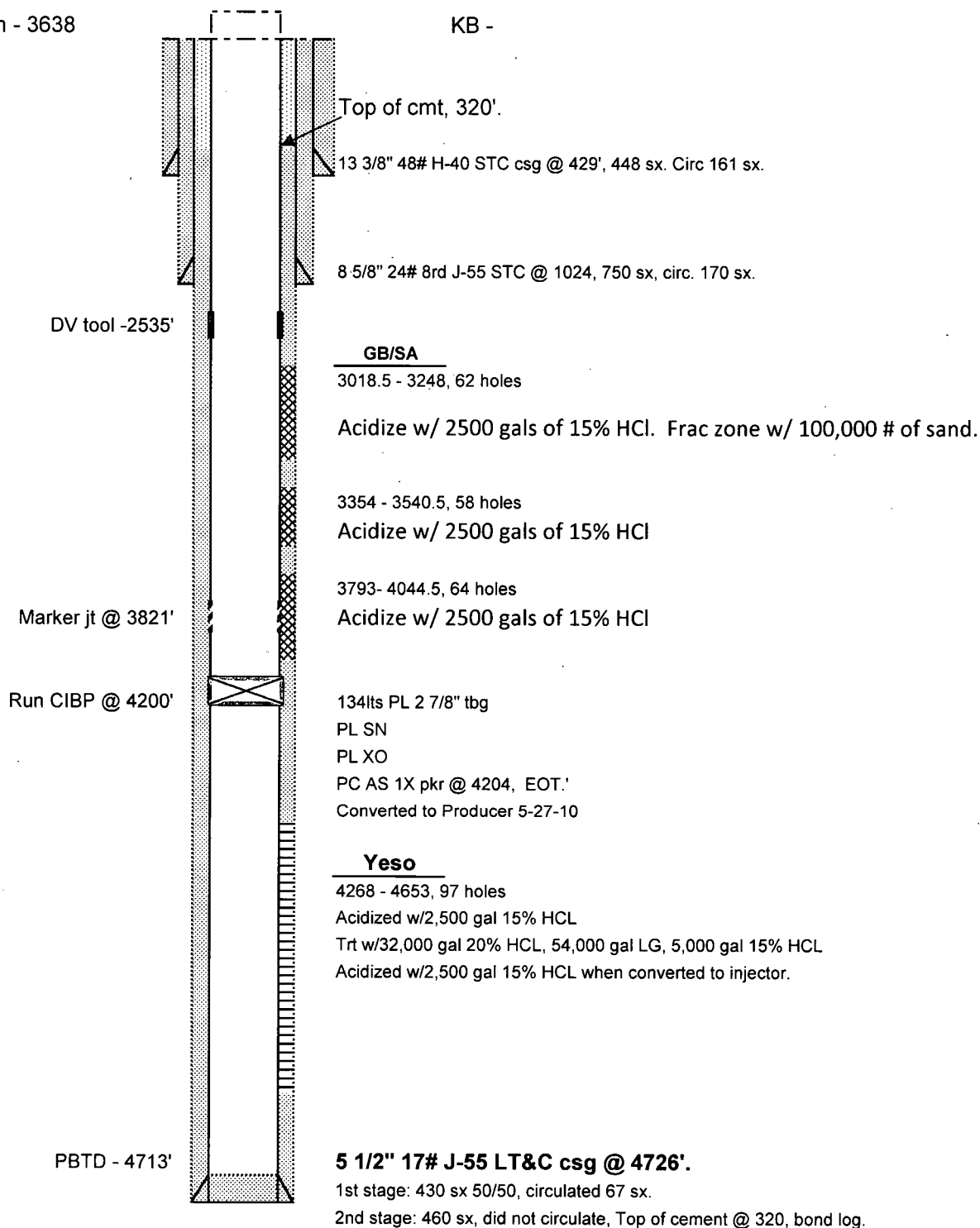
Jenkins B Federal # 17 (Proposed)

SPUD: 11/16/06
3001534138

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

Elevation - 3638

KB -



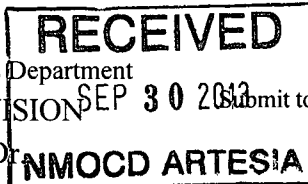
District I
1625 N. French Dr., Hobbs, NM 88240

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

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

¹⁰ Surface Location

| | | | | | | | | | |
|---------------------------|----------------------|------------------------|---------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------|
| UL or lot no. C | Section 20 | Township 17S | Range 30E | Lot Idn | Feet from the 330 | North/South line North | Feet from the 1525 | East/West line West | County Eddy |
|---------------------------|----------------------|------------------------|---------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------|

¹¹ 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 |
| ¹² Dedicated Acres 40 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ 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

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