

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

**HOBBS OCD**

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

**RECEIVED**

WELL API NO. 30-025-00386
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B 9683
7. Lease Name or Unit Agreement Name Anderson Ranch Unit
8. Well Number 4
9. OGRID Number 155471
10. Pool name or Wildcat Anderson Ranch Wolfcamp
4. Well Location Unit Letter <u>B</u> : <u>660</u> feet from the <u>North</u> line and <u>1980</u> feet from the East line Section <u>11</u> Township <u>16S</u> Range <u>32E</u> NMPM Lea County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 4315'

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☒ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

We propose to TA this well with work beginning 09/15/2016 per the following procedure:

- 1) MIRU WSU
- 2) Bleed down any trapped pressure in well
- 3) POOH with rods and pump
- 4) Remove any wellhead equipment
- 5) NU BOP's
- 6) POOH with tbg. (Evaluate tbg for use as workstring)
- 7) PU PKR and TIH to 5000' test backside. If test fails, OOH to locate leak
- 8) RU WL PU G-ring/JB for 7"23-29# TIH to 9300'
- 9) PU CIBP TIH and set at 9300'
- 10) TIH w/tbg spot plug w/25sx CL H
- 11) Pull up hole to 6400' spot 25 sx CL C, WOC and tag
- 12) Pull up hole to 5200' spot 30 sx CL C, WOC and tag
- 13) Pressure test casing to 500 psi
- 14) If test is good, NU WH and schedule MIT

**The Oil Conservation Division  
MUST BE NOTIFIED 24 Hours  
Prior to the beginning of operations**

**Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart**

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Jones TITLE Regulatory Analyst DATE 9-12-16Type or print name Denise Jones E-mail address: djones@cambridgemanagement.com PHONE: 432-620-9181

For State Use Only

APPROVED BY: Mary Brown TITLE Dist Supervisor DATE 9/15/2016

Conditions of Approval (if any):

**ARU #4**  
**12/14/2015**  
**MIT REMEDIATION**

**Lea County, New Mexico**

**WELL DATA**  
**AFE: XXXXXXXXXX**

**TOTAL DEPTH:** 9913'      **PBTD:** 9608'      **KB:** 4324.4'    **GL:** 4290'  
**CASING:**    13 3/8" 48# @ 559'; Cem surf 500sx  
                  9 5/8" 40# J55@4200' Cem 3775Sx TOC 1400';  
                  7" 23-29# N80 @9913' Cem w/250 sx TOC 7990

ARU #4 is presently completed 9340'-9350 and 9465-9495'. CIBP is set at 9608 covering Wolfcamp perms 9675-9828 This procedure will plug and abandon the wellbore from PBTD of 9608' to about 5000' as per NM OCD guidelines to preserve the 7" cased wellbore for potential future deepening or San Andres recompletion.

Grand Banks Energy  
John Kimberly 432-682-1044 432-230-2514

Cambrian Management  
Andy Rickard 432-620-9181 432-553-2828

ARU #4 Directions: Lovington, West on 82 22.8 mi, Rt on Mendel RD 3.5 mi, ARU is on the right.

Prior to rigging up install and test rig anchors  
Inspect location for any areas requiring additional dirt work  
Hold daily pre job safety meetings

- 1) MIRU WSU
- 2) Bleed down any trapped pressure in well
- 3) POOH w rods and pump
- 4) Remove any wellhead equipment
- 5) NU BOPs
- 6) POOH with tubing. (Evaluate tubing for use as workstring)
- 7) PU PKR and TIH to 5000' test backside. If fail test OOH to locate leak
- 8) RU WL pu G-ring/JB for 7"23-29# tih to 9300'
- 9) PU CIBP TIH and set at 9300'
- 10) TIH W/TBG spot plug w/25 sx CL H Cem
- 11) Pull up hole to 6400' spot 25 sx Class C, WOC and tag
- 12) Pull up hole to 5200' spot 30 sx CI C WOC and tag
- 13) Pressure test casing to 500 psi
- 14) If test good NU WH and schedule MIT



**Wellbore Schematic**  
**ARU #4**

*Proposed plugs in red*

**Current Configuration**  
**July 2008**

13-3/8" at 559'  
Cmtd 500 sx  
Circ to surf

9-5/8" 40# J-55  
at 4200'  
Cmtd 3775 sx  
TOC 1400' (TS)

TOC 7990' w/ TS

7" 23-29# N-80  
set at 9913'  
Cmtd w/ 250 sx  
TOC 7990' (TS)

1/05:

TAC stuck, able to pick up wellhead/casing when pulling TAC, dug up around wellhead and spliced-in section of parted surface casing. Did NOT repair the intern or prod casing at that time...realized this wasn't the ideal fix.

7/81:

Sqzd casing leak 5123-5154' w/ 200 sx

*- Cmt plug @ 5200' w/ 30 sx cmt*

*- Cmt plug @ 6400' w/ 25 sx cmt*

*- Set CIBP @ 9300' w/ 25 sx cmt*

5/91:

Set CIBP at 9608'

Perf 9340-50' and 9465-95'

7/81:

Perf 9675-85' and 9695-9735'

3/56:

Set CIBP at 9740'

Perf 9670-84'

7/60:

DO CIBP at 9740'

Perf 9670-84', combine perfs 9670-9828' (OA)

5/53:

Perf 9760-68'

Perf 9778-9807'

Perf 9818-9828'

8/82:

Perf 9882-88'

Swab 100% water

Isolate w/ CIBP at 9850' - failed PT

Set another CIBP at 9845'

CIBP at 9740' to isolate lower  
perfs 3/56 to 7/60