Submit 1 Copy To Appropriate District Office
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

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-28952

5. Indicate Type of Lease
STATE X FEE ☐

6. State Oil & Gas Lease No.
Unitized Acreage

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
Anderson Ranch Unit

1. Type of Well: Oil Well X Gas Well ☐ Other

8. Well Number 19

HOBBS OCD
DEC 21 2015
RECEIVED

2. Name of Operator
Grand Banks Energy Company

9. OGRID Number
155471

3. Address of Operator
10 Desta Drive, Suite 300E, Midland, TX 79705

10. Pool name or Wildcat
San Andres

4. Well Location
Unit Letter L : 2080 feet from the South line and 660 feet from the West line
Section 11 Township 16S Range 32E NMPM Lea County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
4308' GL

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ | REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ | COMMENCE DRILLING OPNS. | ☐ | P AND A | ☐ |
| PULL OR ALTER CASING | ☐ | MULTIPLE COMPL | ☐ | CASING/CEMENT JOB | ☐ | | |
| DOWNHOLE COMMINGLE | ☐ | | | | | | |
| CLOSED-LOOP SYSTEM | ☐ | | | | | | |
| OTHER: Plug Back and Recomplete X | | | | 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.

Please see attached for details concerning proposed plug back and recompletion. We anticipate starting this work January 4, 2016.

Plug Back Summary:
CIBP @ 9200 w/ 3 sx cmt on top
50 sx cmt @ 8825'-8300'
50 sx cmt @ 7600'-7095'
50 sx cmt @ 5800'-5295'

**Denied**
PAUL.KAUTZ@STATE.NM.US
SUBMIT ON C-101 WITH
C-102 FOR NEW POOL

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 12/17/2015

Type or print name Denise Jones E-mail address: djones@cambrianmgmt.com PHONE: 432-620-9181

**For State Use Only**

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

DEC 23 2015

~~DEC 21 2015~~

Cambrian
MANAGEMENT, LTD.

P.O. Box 272
Midland, Texas 79702
Off: 432-620-9181
Fax: 432-570-0102

# ARU #19

**12/14/2015**

# San Andres Recompletion

**API# 30-025-28952**
**Section 11, T16S, R32E, UL L**
**N 32.924877, W -103.741455**
**Lea County, New Mexico**

**WELL DATA**
**AFE: XXXXXXXXX**

**TOTAL DEPTH:** 13700' **PBTD:** 9864' **KB:** ****' GL: 3533'

**CASING:** 13 3/8" 48# @ 617';
9 5/8" 40# @4189' Cem Surf;
5 1/2" 17# L80 &K55 @10499' DV @7476 Cem w/2600 sx

**Liner:** 4 1/2"@ 8875'-11645' Cem 730 sx

ARU #19 is presently completed 9630'-9432'. This procedure will plug and abandon the wellbore from PBTD of 9864' to about 5000' as per NM OCD guidelines. Cased hole logs to evaluate the casing integrity and cement bond will be run to evaluate the suitability of the production casing to fracture stimulate. Intervals in the San Andres will be perforated and fracture stimulated from 4522-4747. After stimulation, the flow will be evaluated and artificial lift equipment will be installed. The attached procedure will have several place holders that will be evaluated at the proper time for possible changes.

Andy Rickard 432-553-2828

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

Part 1

1) RU wireline JB and Gring for 4 ½ 12.6 lb/ft liner. TIH to 9400'
2) PU JB and Gring for 5 ½ 17 lb/ft casing. TIH to 8850'
3) PU CIBP for 4 ½ 12.6 lb/ft CIBP to 9200 and set
4) PU 3 1/8" Dump Bailer. TIH Dump 3 sx on CIBP
5) Rig down wireline and mast truck
6) MIRU pulling unit
7) PU 2 3/8" work string and RIH to 8825' +/-
8) Rig up cementers
9) Spot a balance plug utilizing 50 sx of cement at 8825'
10) Move tubing up the hole to 7600' +/-
11) Spot a balance plug utilizing 50 sx of cement at 7600'
12) Move tubing up the hole to 5800' +/-
13) Spot a balance plug utilizing 50 sx of cement at 5800'
14) Pull out of the hole with tbg and rig down cementers
15) RU wireline
16) PU CIT tool. TIH log 5000'-surf
17) PU CBL Tool TIH log 5000'- surf w/1000 PSI
18) Pressure test casing to 3500 PSI (5 ½ 17# K55 @70% is 3710) PMAX 3500

Part 2

19) MIRU Wireline PU perf guns perf 4 JSPF (this warrants further discussion)

| | |
|---|---|
| 4522-28 | 24 holes |
| 4644-50 | 24 holes |
| 4657-74 | 68 holes |
| 4694-4704 | 40 holes |
| 4724-30 | 24 holes |
| 4742-47 | 20 holes |
| | 200 holes |

20) PU Wireline set retrievable PKR for 5 ½ 17 # w/4' perf sub, 2.25 F-Nipple, 4'perf sub, wBP
21) Install Pressure bomb in FNipple
22) TIH to 4775' and set Packer.
23) Pump D-Fit ( Do we want to tag frac to evaluate what zone fracked on D-Fit and log it)

Part 3 Shut down 3 days

24) MIRU 7 Frac tanks Load w/fresh water w/ biocide
25) MIRU WSU ND wellhead NU BOP
26) PU 2 7/8 tubing
27) TIH retrieve PKR
28) POOH LD Tubing
29) RDMO WSU
30) RU Frac head and frac cross(Goat head)
31) Frac as per Weatherford recommendation
32) Shut in 7-10 days for degradation of TBlockSure. Install BPU
33) Flow back if necessary to dead

Part 4

34) MIRU WSU
35) ND Frac valve, NU BOP
36) PU 4 ¾ Bit PU Production string. TIH to PBTD circulate clean(~5000')
37) POOH
38) PU Pkr TIH Set PKR @ 4400' Swab for content and fluid entry
39) Rel PKR POOH LD PKR
40) PU PB gas separator w/slots, 4' perf sub, SN, 6 Jts, TAC, 2 7/8 J55 EUE tubing
41) PU 2.5 X 2 X 24' BNC Pump (-6-7 fit) zero clearance inserts, Hollow pull tube, PA style pump without rings w/4' plunger. Standard balls and seats w/11'X 1" dip tube
42) PU MCS, 9 1.5" C sinker bars and KD rods to be specified
43) TIH Space out, hang on, Long stroke for pump action.
44) Turn well over to Production

**Wellbore Schematic**
**ARU #19**