

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

Form C-103  
 Revised July 18, 2013

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

|   |
|---|
| WELL API NO.<br>30-025-28038  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>FEATHERHOSER STATE  |
| 8. Well Number 1  |
| 9. OGRID Number<br>240974   |
| 10. Pool name or Wildcat<br>SAUNDERS PERMO UPPER PENN, SOUTH  |

**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-10) FOR PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
LEGACY RESERVES OPERATING LP

3. Address of Operator  
PO BOX 10848, MIDLAND, TX 79702

4. Well Location  
 Unit Letter F : 1980 feet from the NORTH line and 2310 feet from the WEST line  
 Section 20 Township 15S Range 33E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4220' GL

**HOBBS OCD**  
**FEB 16 2016**  
**RECEIVED**

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

|  |  |  |  |
|--|--|--|--|
| <b>NOTICE OF INTENTION TO:</b>                         |  | <b>SUBSEQUENT REPORT OF</b>                      |  |
| PERFORM REMEDIAL WORK <input type="checkbox"/>         | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | <b>INT TO P&amp;A</b><br><b>P&amp;A NR</b><br><b>P&amp;A R</b> |
| TEMPORARILY ABANDON <input type="checkbox"/>           | CHANGE PLANS <input type="checkbox"/>                | COMMENCE DRILLING OPNS. <input type="checkbox"/> |  |
| PULL OR ALTER CASING <input type="checkbox"/>          | MULTIPLE COMPL. <input type="checkbox"/>             | CASING/CEMENT JOB <input type="checkbox"/>       |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>            |  |  |  |
| CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/> |  | OTHER: <input type="checkbox"/>                  |  |

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.

SEE ATTACHED PROPOSED P&A PROCEDURE ALONG WITH CURRENT AND PROPOSED WELLBORE DIAGRAMS

Spud Date:

**NOTIFY OCD 24 HOURS PRIOR TO BEGINNING PLUGGING OPERATIONS**

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

SIGNATURE Kent Williams TITLE SENIOR ENGINEER DATE 02/12/2016

Type or print name KENT WILLIAMS E-mail address: kwilliams@legacylp.com PHONE: 432-689-5200

**For State Use Only**

APPROVED BY: Mark Whitaker TITLE Petroleum Engr. Specialist DATE 02/17/2016

Conditions of Approval (if any):

**FEB 18 2016**

*Handwritten initials*

## PLUG AND ABANDONMENT PROCEDURE-PROPOSED

### Featherhoser State #1

Field: Sanders South (Permo-Penn)

Co: Lea Co., NM

API: 30-025-28038

Engineer: Kent Williams

Company: Legacy Reserves Operating, LP

Date: 2/12/2016

Purpose Of Procedure: Plug and abandon. Will perform turn-key PXA with approved vendor.

### Procedure:

1. MIRU plugging company. NU 3000# minimum rated BOP.
2. POH production equipment
3. Plug #1 (Perforation Plug) RIH tubing. Spot 40 sxs Class H cement from 10250'-10500' (250'). WOC 8 hrs. Tag plug. *Pressure test csg.*
4. Lower tbq to the top of cmt plug. Circulate the casing w/ 193 bbls mud laden fluid.
5. Plug #2 (Casing Plug). Spot 30 sxs Class H cement from 8500'-8700' (200'). No tag required.\*
6. Plug #3 (Casing Plug). Spot 25 sxs Class C cement from 6500'-6700' (200'). No tag required.\*
7. Plug #4 (Casing Shoe Plug) Perforate csg at 4515'. Squeeze 50 sxs Class C cmt from 4365-4515' (150'). WOC 4 hrs, Tag plug. *Perf @ 50' SQZ @ 1500'*
8. Plug #5 (Casing Plug). Spot 50 sxs Class C cement from 2100'-2250' (150'). No tag required. *Shoe Plug Perf @ 510'. SQW/50 SX TAG @ 410' or better. WOC & TAG*
9. Plug #6 (Surface Plug) Perforate csg at 60'. Sqz and circulate 20 sxs from 0'-60' (60'). Top off csg at surface as necessary. .
10. Cut off well head. Weld on dry hole marker. Backfill cellar as necessary. Clean location. RDMO.

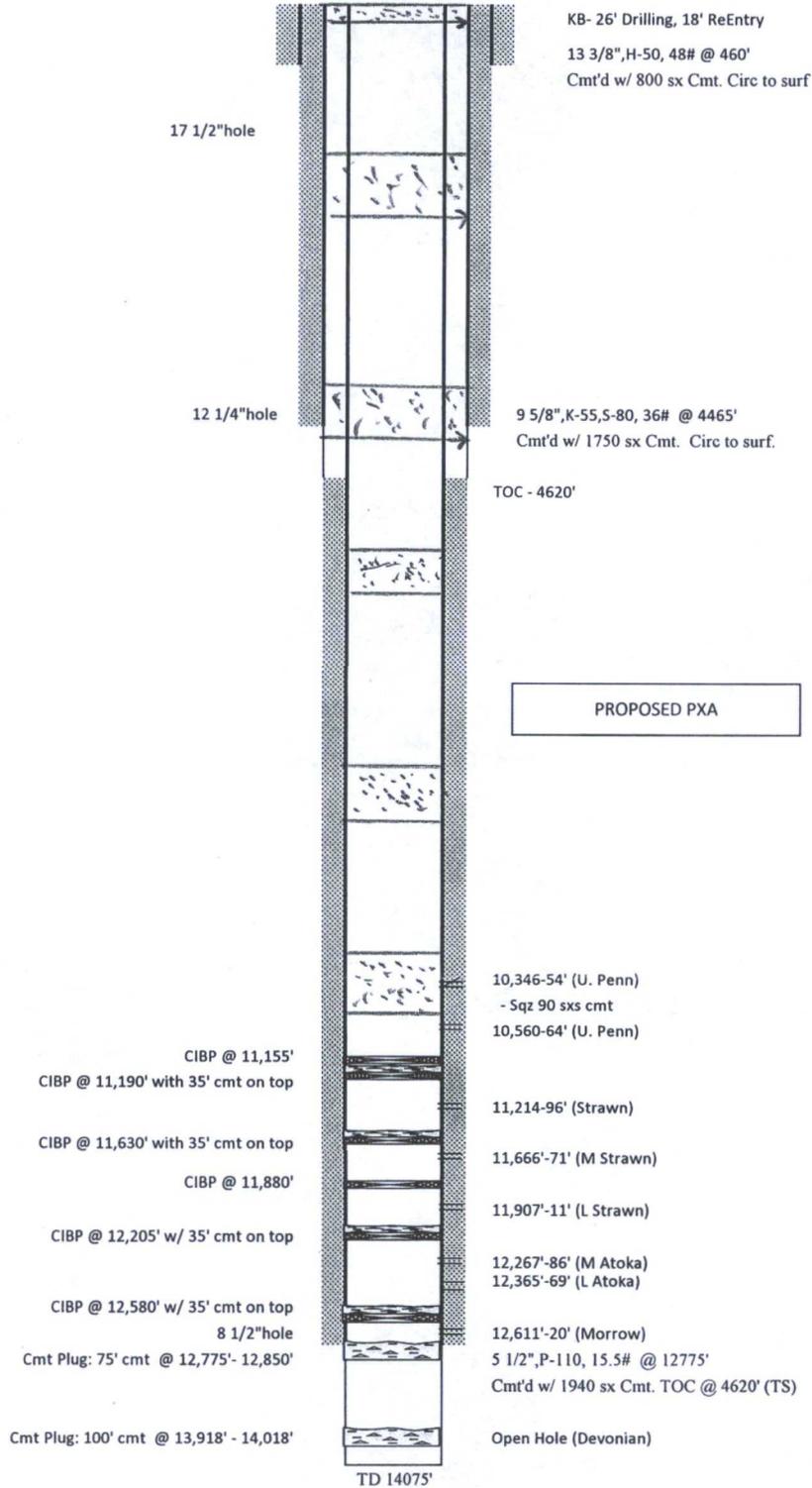
### Note:

- Use Class "C" Neat HSR Cement , 1.32 ft<sup>3</sup>/sx cmt yield, WOC Time 4 hrs
- Use Class "H" Neat HSR Cement , 1.06 ft<sup>3</sup>/sx cmt yield, WOC Time 8 hrs.
- Use 9.0 PPG mud laden fluid (25 sxs @ 50 # gel/sx in 100 bbls brine).
- Notify NMOCD office (Hobbs, NM) at (575) 393-6161 at least 24 hrs prior to initiating plugging.

*\* If casing passes pressure test.*

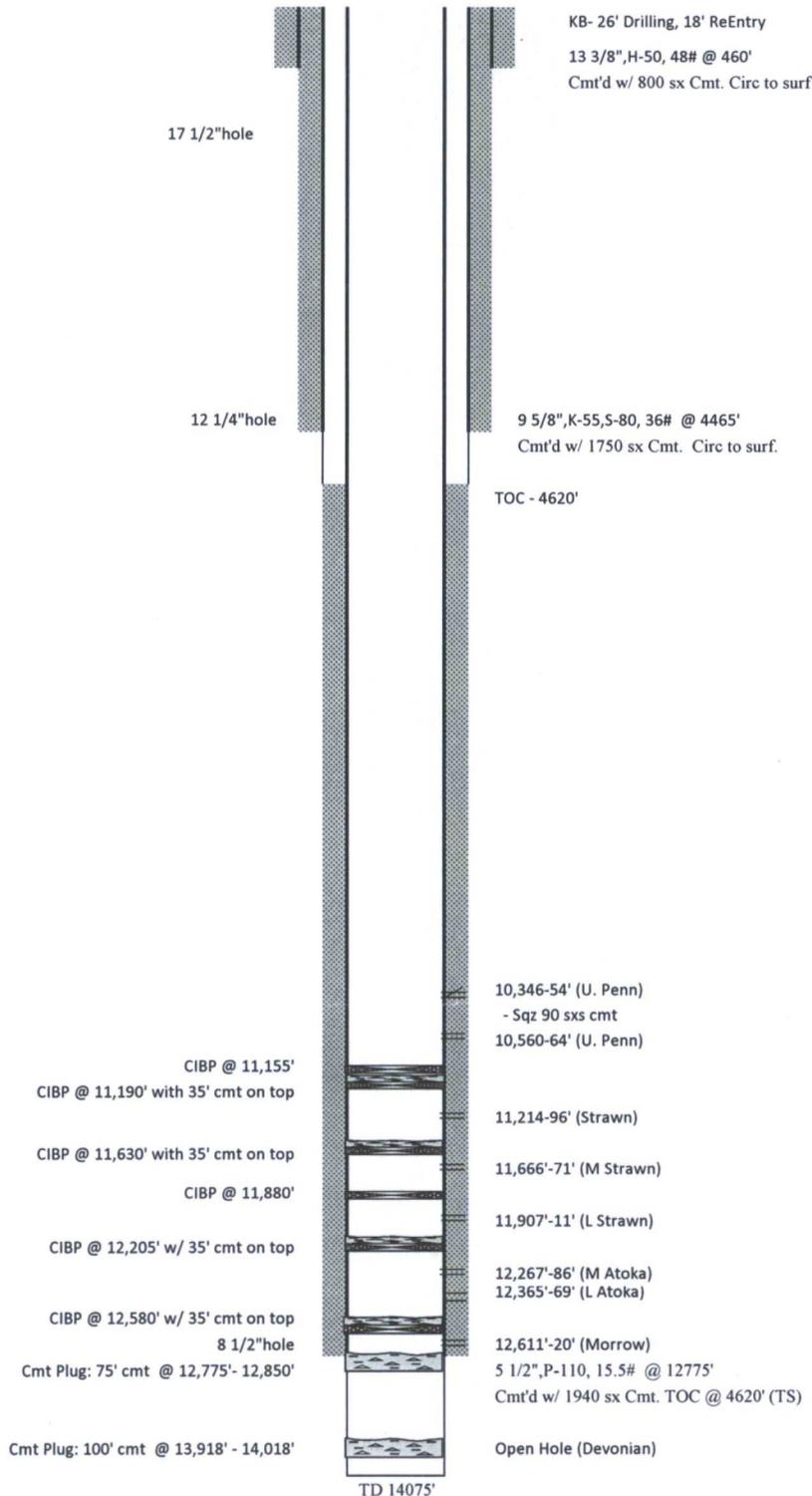
**WELLBORE SCHEMATIC**

|                  |   |                      |                     |
|------------------|---|----------------------|---------------------|
| Well Name & No.: | Featherhoser State #1                   |                      |                     |
| Field:           | Saunders South (Permo Penn)             |                      |                     |
| Location:        | 1980 FNL & 2310 FWL, S-20, T-15S, R-33E |                      |                     |
| County:          | Lea                                     | State: NM            | API #: 30-025-28038 |
| GR Elev:         | 4215                                    | Spud Date:           | 12/7/1982           |
| KB:              | 18*                                     | Original Operator:   | Gulf Oil Corp.      |
| GR Elev:         | 4233                                    | Original Lease Name: | Lea "VP" State #1   |



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KB- 26' Drilling, 18' ReEntry  
 13 3/8", H-50, 48# @ 460'  
 Cmt'd w/ 800 sx Cmt. Circ to surf

17 1/2" hole

12 1/4" hole

9 5/8", K-55, S-80, 36# @ 4465'  
 Cmt'd w/ 1750 sx Cmt. Circ to surf.

TOC - 4620'

10,346-54' (U. Penn)  
 - Sqz 90 sx cmt  
 10,560-64' (U. Penn)

CIBP @ 11,155'  
 CIBP @ 11,190' with 35' cmt on top

11,214-96' (Strawn)

CIBP @ 11,630' with 35' cmt on top

11,666-71' (M Strawn)

CIBP @ 11,880'

11,907-11' (L Strawn)

CIBP @ 12,205' w/ 35' cmt on top

12,267-86' (M Atoka)  
 12,365-69' (L Atoka)

CIBP @ 12,580' w/ 35' cmt on top  
 8 1/2" hole  
 Cmt Plug: 75' cmt @ 12,775' - 12,850'

12,611-20' (Morrow)  
 5 1/2", P-110, 15.5# @ 12775'  
 Cmt'd w/ 1940 sx Cmt. TOC @ 4620' (TS)

Cmt Plug: 100' cmt @ 13,918' - 14,018'

Open Hole (Devonian)

TD 14075'