

RECEIVED

OCT 08 2008

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

OCT 14 2008

OCD-ARTESIA

WELL API NO.

30-015-24655

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

B-8814-19

7. Lease Name or Unit Agreement

Name

Two Forks State

8. Well Number 1

9. OGRID Number 240974

10. Pool name or Wildcat

Bear Grass Draw - Atoka

## 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.)

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

2. Name of Operator LEGACY RESERVES OPERATING LP

3. Address of Operator P.O. BOX 10848  
MIDLAND, TX 79702

4. Well Location

Unit Letter B : 660 feet from the North line and 2090 feet from the East line.Section 2 Township 18S Range 28E NMPM Eddy County11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3646' GRPit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

## 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 ☐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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see attached.

**Notify OCD 24 hrs. prior  
to any work done.**Approval Granted providing work  
is complete by 1/17/09I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.SIGNATURE P. Patrick Darden TITLE: Petroleum Engineer, P.E. DATE 10/7/08Type or print name D. Patrick Darden, P.E. E-mail address:

Telephone No. (432)689-5200

**For State Use Only**

APPROVED

BY: PhD HankenTITLE Field Rep.DATE 10/17/08

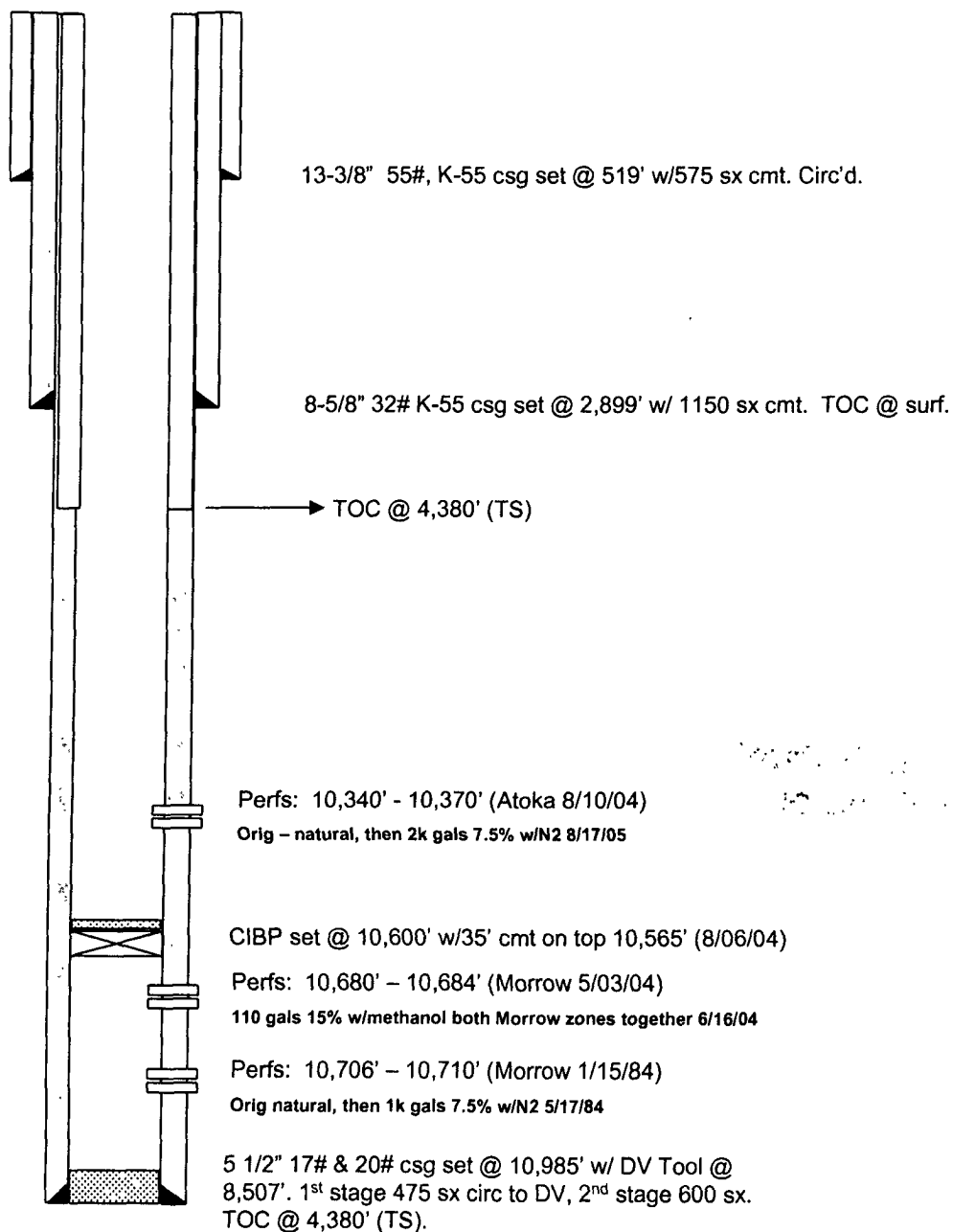
Conditions of Approval (if any):



**Current Wellbore Configuration**

|         |                              |            |            |       |            |
|---------|------------------------------|------------|------------|-------|------------|
| FIELD:  | Bear Grass Draw West - Atoka | GL:        | 3,646'     | DATE: | 10/07/2008 |
| LEASE:  | Two Forks State              | KB:        | 3,664'     | BY:   | DP Darden  |
| COUNTY: | Eddy                         | SPUD DATE: | 10/29/83   | WELL: | 1          |
| STATE:  | New Mexico                   | API No:    | 3001524655 |       |            |

LOCATION: 660' FNL & 2,090' FEL SEC. 2, T18S R28E



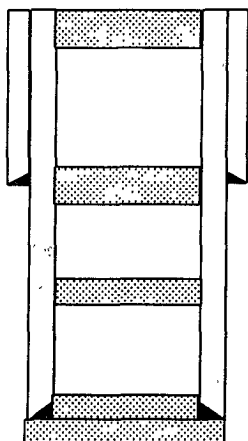
PBTD: 10,923'  
TD: 10,985'



**Proposed P&A'd Wellbore Configuration**

|         |                              |            |            |       |            |
|---------|------------------------------|------------|------------|-------|------------|
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**Plug 7 (Surf-60'):** At surf 60

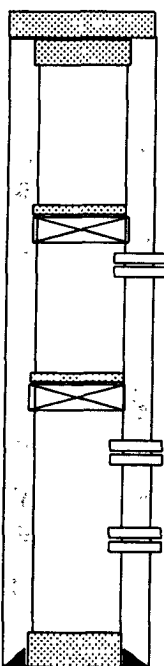
13-3/8" 55#, K-55 csg set @ 519' w/575 sx cmt. Circ'd.

**Plug 6 (470'-640'):** Across top of Salt & csg shoe 50' blw & 50' above *Tag*

**Plug 5 (695'-825'):** Across Yates/base of salt 65' blw & 65' above *Tag*

8-5/8" 32# K-55 csg set @ 2,899' w/ 1150 sx cmt. TOC @ surf.

**Plug 4 (2820'-2950'):** Across intrm csg stub 50' blw & 80' above *Tag*



TOC @ 4,380' (TS)

**Plug 3 (4220'-4350'):** Across cut csg stub 50' blw & 80' above

*\* 100 CMT Plug. 50' above + 50' below D.V. Tool.  
(8457' - 8557')*

**Plug 2 CIBP set @ 10,300' w/35' cmt on top 10,265'**

Perfs: 10,340' - 10,370' (Atoka 8/10/04)

Orig - natural, then 2k gals 7.5% w/N2 8/17/05

**Plug 1 CIBP set @ 10,600' w/35' cmt on top 10,565'**

Perfs: 10,680' - 10,684' (Morrow 5/03/04)

110 gals 15% w/methanol both Morrow zones together 6/16/04

Perfs: 10,706' - 10,710' (Morrow 1/15/84)

Orig natural, then 1k gals 7.5% w/N2 5/17/84

PBTD: 10,923'  
TD: 10,985'

5 1/2" 17# & 20# csg set @ 10,985' w/ DV Tool @ 8,507'. 1<sup>st</sup> stage 475 sx circ to DV, 2<sup>nd</sup> stage 600 sx. TOC @ 4,380' (TS).

## Two Fork State #1 – P&A Procedure

Est'd start date: 11/15/08

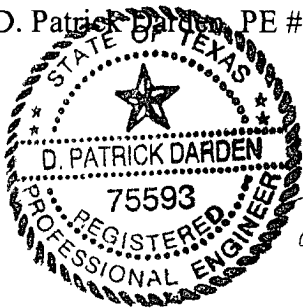
1. MIRU plugging company. NU 2000# min. BOP.
2. Plug 1: RIH w/sinker bar on slick line. Confirm TOC on CIBP @  $\pm 10,600'$ . Dump bail cmt on top of CIBP as needed (need to have 35' on top of CIBP).
3. Plug 2: Set CIBP @ 10,300', via WL. Dump bail 35' cmt on top of CIBP (cmt top should be @  $\pm 10,265'$ ).
4. Circ hole w/ 9.0 PPG mud laden fluid.  
*100' CMT Plug (50' Above 50' below) D.U Tools. 8457' - 8557'*
5. Cut & pull 5-1/2" csg @  $\pm 4300'$  (TOC @ 4380' TS). Note if can't pull csg contact BLM/OCD for directives.
6. Plug 3: Spot 130' cmt fr/4220'-4350' (50' below & 80' above cut csg stub). WOC. Tag plug.
7. Plug 4: Spot 130' cmt fr/2820'-2950' (50' below & 80' above interm csg shoe). *WOC, Tag*
8. Plug 5: Spot 130' cmt fr/695'-825' (65' below & 65' above top of Yates/base of Salt *WOC Tag* zones).
9. Plug 6: Spot 170' cmt fr/470'-640' (50' below & 50' above top of Salt zone & covering csg shoe). WOC. Tag plug.
10. Plug 7: Spot 60' cmt fr/surf-60'.
11. Cut off well head. Weld on dry hole marker. Clean location.

-Use Class "C" Cement

-Notify appropriate agency 48 hrs. prior to commencing operation.

(BLM-Carlsbad (575- 234-5972) or NMOCD-Hobbs (505-393-6161))

D. Patrick Darden, PE #75593



A handwritten signature in black ink, appearing to read "D. Patrick Darden", written over the bottom right portion of the professional seal.