


Submit 3 Copies To Appropriate
District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave., 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 and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO.
30-015-32438

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
OCT 20 2008

OCD-ARTESIA

7. Lease Name or Unit Agreement
Name
Shugart State Com

8. Well Number 2

9. OGRID Number 240974

10. Pool name or Wildcat
North Shugart (Morrow)

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 K: 1850 feet from the South line and 1650 feet from the West line.
Section 16 Township T18S Range R31E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
GR: 3659', RKB: 3682'

Pit 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 1/21/09

I 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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE D. Patrick Darden TITLE: Petroleum Engineer, P.E. DATE 10/16/08

Type or print name D. Patrick Darden E-mail address: _____ Telephone No. (432)689-5200

For State Use Only

APPROVED BY: [Signature] TITLE: [Signature] DATE 10/21/08

Conditions of Approval (if any): _____

Shugart State Com #2 – P&A Procedure

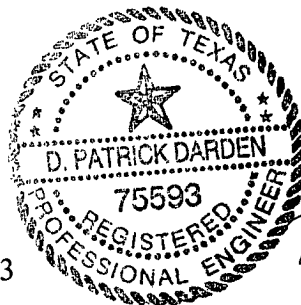
Est'd start date: 12/01/08

1. Set & tst RBP @ $\pm 4,500'$. Perf & test Grayburg zone fr/ $\sim 4,035'-4,060'$. If zone not productive, recover RBP & P&A well as follows.
2. MIRU plugging company. NU 5000# min. BOP.
3. Plug 1: RIH w/sinker bar on slick line. Confirm TOC on CIBP @ $\pm 9,550'$. Dump bail cmt on top of CIBP as needed (need to have 35' on top of CIBP).
4. Circ hole w/ 9.0 PPG mud laden fluid.
5. Plug 2: Set CIBP @ 7,170', via WL. Dump bail 35' cmt on top of CIBP (cmt top should be @ $\pm 7,135'$).
6. Plug 3: Set CIBP @ 5,920', via WL. Dump bail 35' cmt on top of CIBP (cmt top should be @ $\pm 5,885'$).
7. Plug 4: Set CIBP @ 4,990', via WL. Dump bail 35' cmt on top of CIBP (cmt top should be @ $\pm 4,955'$).
8. Plug 5: Spot 130' cmt fr/4,440'-4,570' (50' below & 80' above interm csg shoe). *Tag*
9. Plug 6: Set CIBP @ 3,990', via WL. Dump bail 35' cmt on top of CIBP (cmt top should be @ $\pm 3,955'$).
10. Plug 7: Spot 130' cmt fr/2,120'-2,250' (65' below & 65' above top of Yates/base of *Tag* Salt zones).
11. Plug 8: Spot 230' cmt fr/620'-850' (50' below & 50' above top of Salt zone & *Tag* covering csg shoe). WOC. Tag plug.
12. Plug 9: Spot 60' cmt fr/surf-60'.
13. Cut off well head. Weld on dry hole marker. Clean location.

-Use Class "H" 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

[Handwritten Signature]
10/16/08

SHUGART STATE COM #2



Current Wellbore Configuration

FIELD: SHUGART, NORTH (MORROW)

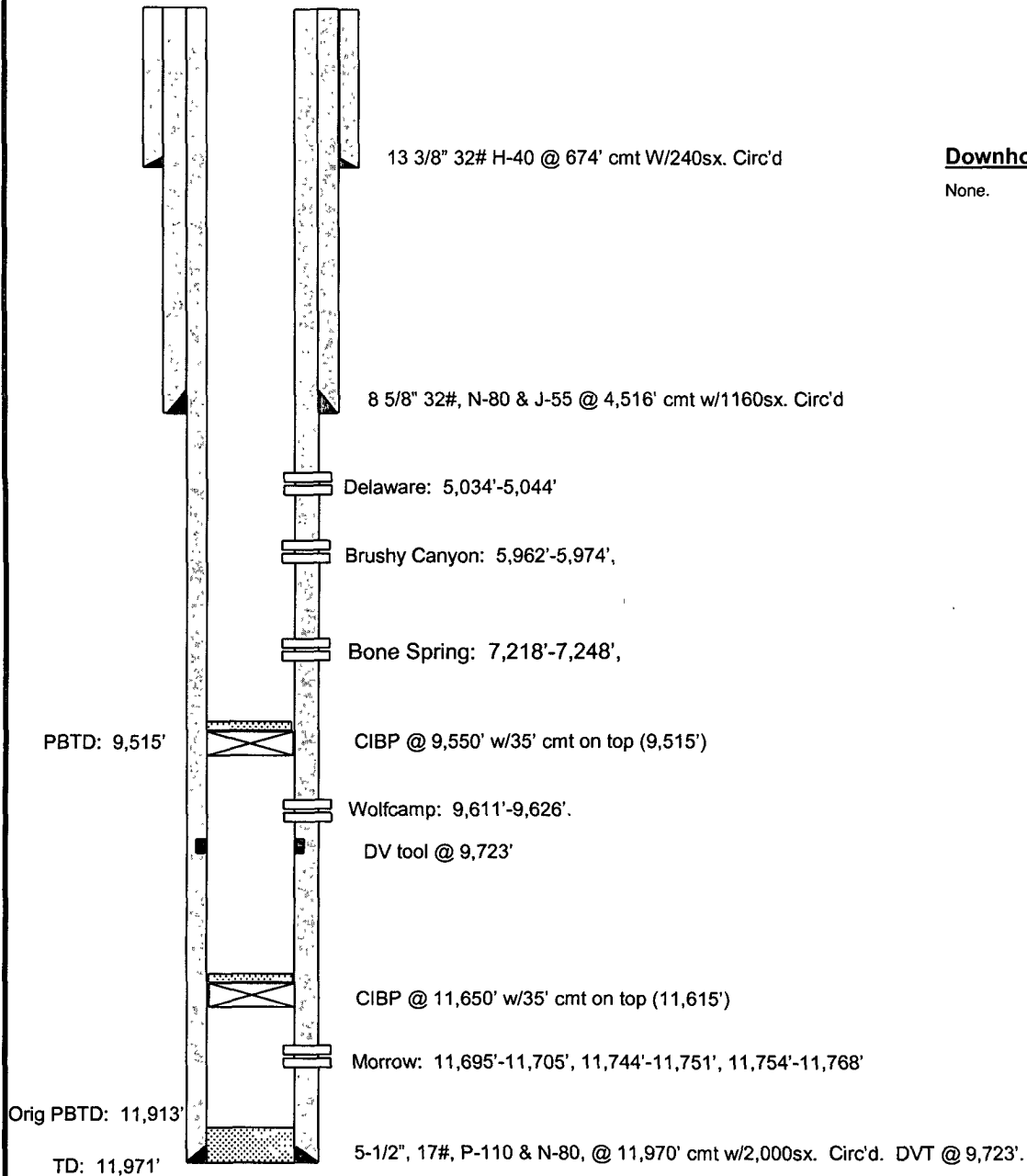
KB: 3,682'

COUNTY, STATE: EDDY, NEW MEXICO

GL: 3,659'

LOCATION: 1650' FWL & 1,850' FSL, Sec 16, T18S, R31E

API #: 3001532438



Downhole Equipment:

None.

SHUGART STATE COM #2



Proposed P&A Wellbore Configuration

FIELD: SHUGART, NORTH (MORROW)

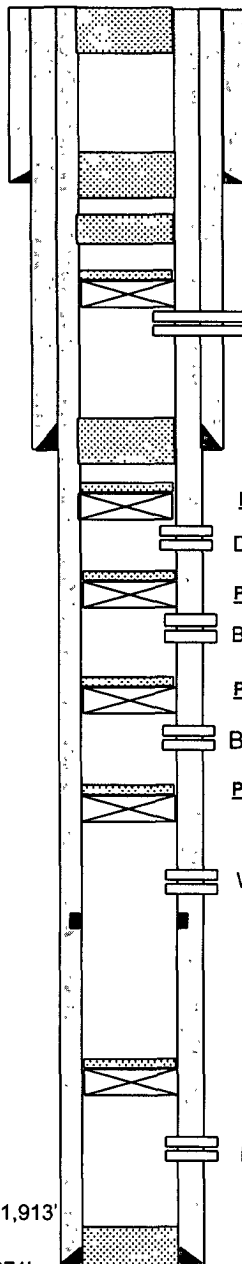
KB: 3,682'

COUNTY, STATE: EDDY, NEW MEXICO

GL: 3,659'

LOCATION: 1650' FWL & 1,850' FSL, Sec 16, T18S, R31E

API #: 3001532438



Plug 5: Surf plug 0'-60'.

Plug 8: Across Surf csg shoe 620'-850'

13 3/8" 32# H-40 @ 674' cmt W/240sx. Circ'd

Plug 7: Across top of Yates/base of salt 2120'-2250' *Tag*

Plug 6: Set CIBP @ 3990' & 35' cmt on top.

Grayburg: 4,035'-4,060' est'd

Plug 5: Across Int csg shoe 4440'-4570'

8 5/8" 32#, N-80 & J-55 @ 4,516' cmt w/1160sx. Circ'd *Tag*

Plug 4: Set CIBP @ 4990' & 35' cmt on top.

Delaware: 5,034'-5,044'

Plug 3: Set CIBP @ 5920' & 35' cmt on top.

Brushy Canyon: 5,962'-5,974',

Plug 2: Set CIBP @ 7170' & 35' cmt on top.

Bone Spring: 7,218'-7,248',

Plug 1: Tag TOC on CIBP & add cmt if needed

CIBP @ 9,550' w/35' cmt on top (9,515')

Wolfcamp: 9,611'-9,626'.

DV tool @ 9,723'

CIBP @ 11,650' w/35' cmt on top (11,615')

Morrow: 11,695'-11,705', 11,744'-11,751', 11,754'-11,768'

Orig PBTD: 11,913'

TD: 11,971'

5-1/2", 17#, P-110 & N-80, @ 11,970' cmt w/2,000sx. Circ'd. DVT @ 9,723'.

Downhole Equipment:

None.

DP Darden

DATE: 10/16/08