

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

NOV 15 2012

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

RECEIVED

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)</p>		<p>WELL API NO. 30-025-10390</p>
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>INJECTION</u></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>
<p>2. Name of Operator LEGACY RESERVES OPERATING LP</p>		<p>6. State Oil &amp; Gas Lease No. LC-058626-A</p>
<p>3. Address of Operator P.O. BOX 10848 MIDLAND, TX 79702</p>		<p>7. Lease Name or Unit Agreement Name LANGLIE MATTIX PENROSE SAND UNIT</p>
<p>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 <u>EAST</u> line Section <u>21</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u></p>		<p>8. Well Number <u>73</u></p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3347' GR</p>		<p>9. OGRID Number 240974</p>
<p>10. Pool name or Wildcat LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG</p>		

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

---SEE ATTACHED P&A PROCEDURE---

Oil Conservation Division - Hobbs office **Must be Notified**  
**24 hours prior** to the beginning of Plugging Operations begin

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 Kent Williams TITLE SENIOR ENGINEER DATE 11/12/2012

Type or print name KENT WILLIAMS E-mail address:  PHONE: 432-689-5200

For State Use Only

APPROVED BY: [Signature] TITLE DIST. MGR DATE 11-19-2012

Conditions of Approval (if any):

NOV 19 2012

## PROPOSED PROCEDURE - PLUG AND ABANDON

LMPSU # 73

Field: Langlie Mattix 7Rivers-Queen-Grayburg

Pool: Penrose Sand

Lea Co., NM

Date: 11/12/12

Engineer: Kent Williams

Company: Legacy Reserves Operating, LP

Purpose Of Procedure: Plug and Abandon active water injection well due to casing leak and waterflow to surface inside 7" casing .

Procedure:

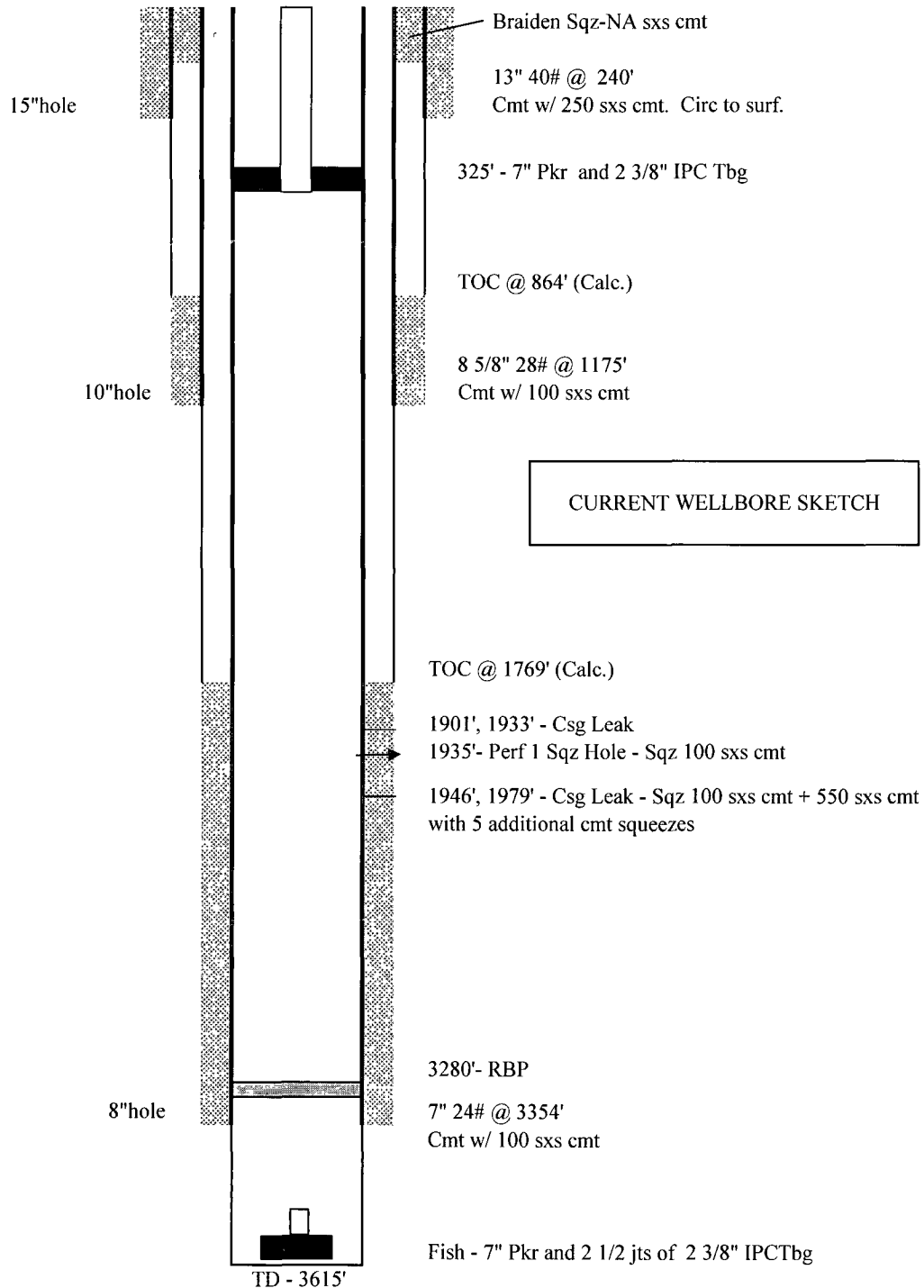
1. MIRU plugging company. NU 2000# min. BOP.
2. RIH w/ 2 3/8" tbg and RBP retrieving head. POH w/ 7" RBP at 3280'
3. RIH w/ tbg and 7" CIBP. Set CIBP at 3280'.
4. Plug #1- RIH w/ tbg. Spot 25 sxs cement on top of CIBP from 3280'-3130' (150'). WOC. No tag required.
5. RIH w/ tbg to 3030'. Circ hole w/ 9.0 PPG mud laden fluid (25 sxs x 50 # gel / 100 bbs brine).
6. Plug #2 - RIH w/ tbg. Spot ~~45 sxs~~ <sup>2400' - 1275'</sup> cement from ~~2000'-1750'~~ (250') . WOC. Tag plug. POH tbg (R5003 AREA)
7. Plug #3- RU wireline. Perforate 7" csg at 1225'. RIH w/ pkr and tbg to 1065'. Attempt to pump into perfs and establish circulation to surface.. Pump and circulate 100 sxs cement to surface. WOC. Tag plug.  
(Note: Spot 30 sxs cmt from 1275'-1095' (160') if unable to pump-in or circulate cmt to surface)
8. Plug #4- RU wireline. Perforate 7" csg at 290'. RU on csg. Attempt to pump into perfs and establish circulation to surface.. Pump and circulate 200 sxs cement to surface. WOC.  
(Note: Spot 60 sxs cmt from 340-0' (340') if unable to pump-in or circulate cmt to surface)
9. Cut off well head. Weld on dry hole marker. Clean location.

Note:

- Use Class "C" Neat Cement , 1.32 ft3/sx cmt yield
- Use 9.5 PPG mud laden fluid (25 sxs @ 50 # gel/sx in 100 bbls brine).
- Notify NMOCD 24 hrs. prior to commencing operation. NMOCD-Hobbs (575-393-6161)

## WELLBORE SCHEMATIC

Well Name & No.:	Langlie Mattix Penrose Sand Unit #73		
Field:	Langlie Mattix (7Rivers/Queen/Grayburg)		
Location:	600' FNL x 1980' FEL, Sec. 21, Unit Letter B, T-22-S, R-37-E		
County:	Lea	State: NM	API #: 30-025-10390
GR Elevation:	3347.0	Spud Date:	04/20/37
KB Correction:	0.0	Original Well Name:	Anna Walden #3
KB Elevation:	3347.0	Original Operator:	Tide Water Assoc. Oil Co



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Location:	600' FNL x 1980' FEL, Sec. 21, Unit Letter B, T-22-S, R-37-E		
County:	Lea	State: NM	API #: 30-025-10390
GR Elevation:	3347.0	Spud Date:	04/20/37
KB Correction:	0.0	Original Well Name:	Anna Walden #3
KB Elevation:	3347.0	Original Operator:	Tide Water Assoc. Oil Co

