

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

HOBBS OCD

MAR 10 2014

RECEIVED

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

WELL API NO. 30-025-09561
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 312454
7. Lease Name or Unit Agreement Name COOPER JAL UNIT
8. Well Number 234
9. OGRID Number 240974
10. Pool name or Wildcat JALMAT; TANSILL-YATES-7RIVERS

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR <input checked="" type="checkbox"/>	
2. Name of Operator LEGACY RESERVES OPERATING LP	
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702	
4. Well Location Unit Letter O : 330 feet from the SOUTH line and 1650 feet from the EAST line Section 13 Township 24S Range 36E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3315' GL	

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 ☐
CLOSED-LOOP SYSTEM ☒
OTHER: DEEPEN & RUN LINER ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

---SEE ATTACHED PROCEDURE ALONG WITH CURRENT AND PROPOSED WELLBORE DIAGRAMS---

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 Laura Pina TITLE REGULATORY TECH DATE 03/06/2014

Type or print name LAURA PINA E-mail address: lpina@legacylp.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: Mary Brown TITLE Compliance Officer DATE 3/12/2014

Conditions of Approval (if any)

R-4020

CONDITION OF APPROVAL: Operator shall give the OCD District Office 24 hour notice before running the MIT test and chart.

MAR 13 2014

PROCEDURE TO WORKOVER

Cooper Jal Unit #234 WIW

API: 30-025-09561

Lea County, New Mexico

2/25/2014

AFE#: 214020

WELL SUMMARY & OBJECTIVE:

The subject well was an active water injector in the Cooper Jal Unit, until a hole in the casing was discovered in November 2013. The hole was isolated and found to be from 414 ft. to 429 ft. After an unsuccessful attempt to establish injection, 4 holes were perforated at 440 ft. and the well was squeezed with cement. Once the cement was drilled out inside the casing, a 500 psi pressure test resulted in the squeeze breaking down and fluid coming around the wellhead.

This AFE will provide funds to deepen the well through the Queen and acid stimulate the open hole. A 4" Flush Joint Liner will then be ran and cemented. Once a Mechanical Integrity Test is achieved, the well will be returned to Water Injection.

PROCEDURE

1. Test anchors prior to moving in Pulling Unit.
2. Hold pre job safety meeting and MIRU PU.
3. Kill well if necessary. ND tree, NU BOP & POOH w/ tbg in well.
4. PU 4-3/4" bit, drill collars and 2-7/8" WS.
5. RIH & tag top of cement at +/- 2905' (above CIBP @ 2940'). Circulate hole.
6. Drill out cement and CIBP. Push to PBTD of 3,228'.
7. Drill new hole from 3,228' to 3,780'.
8. At new TD of 3,780', circulate hole clean and POOH.
9. PU treating pkr on WS. RIH and set pkr at +/- 2,900'.
10. MIRU service company and acidize down tubing with 10,000 gals of 15% HCL acid and 10,000 lbs of rock salt. Pump acid and rock salt at 5 to 10 BPM with a max surface treating pressure of 4500 psig. Pump acid stages alternating acid and rock salt in brine water.
 - a. Pump 1000 gals acid
 - b. Pump 700#'s rock salt in brine water
 - c. Pump 1500 gals acid
 - d. Pump rock salt stage and increase or decrease rock salt based on pressure response of previous diversion stage.
 - e. Pump 2000 gals acid
 - f. Pump rock salt stage. Choose rock salt volume based on pressure response
 - g. Pump 2500 gals acid
 - h. Pump rock salt stage. Choose rock salt volume based on pressure response

- i. Pump 3000 gals acid
 - j. Displace acid to top perf with 2%KCL water
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- 11. Obtain 5, 10, & 15 minute SIP's and flow back load if well has surface pressure. RDMO acid company.
 - 12. If no flow back, RU swab and swab back load.
 - 13. Unset pkr. POOH and LD pkr.
 - 14. RIH w/ WS with notch collar and clean out rock salt to 3,780'.
 - 15. POOH and PU CIBP.
 - 16. RIH, set CIBP at +/- 2,970' and POOH.
 - 17. MIRU csg crew and run 4" Flushed Joint Liner. Tag CIBP & PU 1'.
 - 18. RDMO csg crew and MIRU cementers. Cement liner, circulating cement to surface per cement proposal.
 - 19. ND BOP, cut csg and install wellhead. NU BOP onto new wellhead. WO cement 24 hrs.
 - 20. PU 3-1/8" bit & RIH. Drill out Float Equipment & CIBP. Continue in hole to 3,780'.
 - 21. POOH & LD bit and WS.
 - 22. PU 4" x 2-3/8" Injection Packer and hydrotest in the hole to +/- 2,900' (shallowest depth packer can be set is within 100' of open hole – 2,985').
 - 23. Circulate packer fluid around backside and test packer.
 - 24. ND BOP & NU tree.
 - 25. Test packer to 500 psi for 30 minutes, to ensure it will pass MIT.
 - 26. RDMO PU.
 - 27. Perform MIT. Upon approval from NMOCD, return well to injection.

PREPARED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

