

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD

DEC 01 2014

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		7. If Unit or CA/Agreement, Name and/or No. 8910115840
2. Name of Operator LEGACY RESERVES OPERATING LP - Mail: mstaelens@legacylp.com Contact: MARTIN STAELENS		8. Well Name and No. COOPER JAL UNIT 133
3a. Address 303 W WALL SUITE 1600 MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 281-465-8387 Ext: 224	9. API Well No. 30-025-11161-00-C1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T24S R37E NESW 1980FSL 1916FWL		10. Field and Pool, or Exploratory JALMAT LANGLIE MATTIX
		11. County or Parish, and State LEA COUNTY, NM

RECEIVED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SEE ATTACHED PROCEDURE TO RUN A LINER. CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ALSO ATTACHED.

processed post workover

14. I hereby certify that the foregoing is true and correct. Electronic Submission #254744 verified by the BLM Well Information System For LEGACY RESERVES OPERATING LP, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 10/09/2014 (15LJ0098SE)		
Name (Printed/Typed) MARTIN STAELENS	Title PRODUCTION ENGINEER	ACCEPTED FOR RECORD
Signature (Electronic Submission)	Date 07/25/2014	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved By _____	Title _____	NOV 24 2014 <i>[Signature]</i> Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <i>[Signature]</i>	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

** BLM REVISED **

DEC 02 2014 *[Signature]*

PROCEDURE TO WORKOVER
Cooper Jal Unit #133 WIW
API: 30-025-11161
Lea County, New Mexico
5/8/2014
AFE#: 214062

WELL SUMMARY & OBJECTIVE:

The subject well was an active water injector in the Cooper Jal Unit. The last injection into this well was performed in December, 2012 due to a casing leak. In February 2014, the hole in the casing was found to be from 301 ft. to 333 ft. Due to previous casing leaks and squeeze attempts, the best solution appears to be to run a liner.

This AFE will provide funds to clean out the well to PBTD and acid stimulate the existing perforations and 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 (should only be 1 joint).
4. PU 4-3/4" bit, drill collars and 2-7/8" WS.
5. RIH & tag CIBP @ 2900'. Circulate hole.
6. Drill out CIBP. Push to PBTD of 3,670'. If possible, push to TD of 3,680'.
7. Circulate hole clean and POOH.
8. PU treating pkr on WS. RIH and set pkr at +/- 2,900'.
9. 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 PBTD with 2%KCL water

10. Obtain 5, 10, & 15 minute SIP's and flow back load if well has surface pressure. RDMO acid company.
11. If no flow back, RU swab and swab back load.
12. Unset pkr. POOH and LD pkr.
13. RIH w/ WS with notch collar and clean out rock salt to PBTD.
14. POOH and PU CIBP.
15. RIH, set CIBP at 2,975' (via wireline) and POOH. This will set the liner as close as possible to the top perms @ 2,982'.
16. MIRU csg crew and run 4" 11.0 #/ft J-55 Flush Joint Liner ID 3.476", Drift 3.351", Collapse 8,410 psi, Burst 6,300 psi. Tag CIBP & PU 1'.
17. RDMO csg crew and MIRU cementers. Cement liner w/270 sx Class C cement, mixed at 14.8 ppg, 1.32 cuft/sk, 6.32 gals water/sk circulating cement to surface per cement proposal.
18. ND BOP, cut csg and install wellhead. NU BOP onto new wellhead. WO cement 24 hrs.
19. PU 3-1/8" bit & RIH. Drill out Float Equipment & CIBP. Continue in hole to PBTD.
20. POOH & LD bit and WS.
21. PU 4" x 2-1/16" Injection Packer, 2-1/16" tubing, and hydrotest in the hole to +/- 2,950' (shallowest depth packer can be set is within 100' of upper perms - 2,982').
22. Circulate packer fluid around backside and test packer.
23. ND BOP & NU tree.
24. Test packer to 500 psi for 30 minutes, to ensure it will pass MIT.
25. RDMO PU.
26. Perform MIT. Upon approval from NMOCD, return well to injection.

PREPARED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____