

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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.*

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5. Lease Serial No. LC-055546  
6. Indian, Allottee or Tribe Name  
D I: 02

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTOR		7. If Unit of CA/Agreement, Name and/or No. LANGLIE JAL UNIT- NM70970A
2. Name of Operator LEGACY RESERVES OPERATING LP		8. Well Name and No. LANGLIE JAL UNIT #60
3a. Address P.O. BOX. 10848 MIDLAND, TX 79702	3b. Phone No. (include area code) (432) 689-5200	9. API Well No. 30-025-24879
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1830' FSL & 660' FEL, SEC. 5, T-25S, R-37E, UNIT LETTER I		10. Field and Pool or Exploratory Area LANGLIE MATTIX; 7RIVERS-QUEEN-GRAYBURG
		11. County or Parish, State LEA CO., NM

12. CHECK THE 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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	

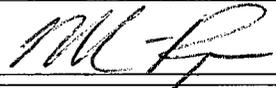
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

ATTACHED IS THE RECOMMENDED PLUGGING PROCEDURE ALONG WITH THE CURRENT AND PROPOSED WELLBORE DIAGRAMS.  
INSTALL CLOSED-LOOP SYSTEM WITH STEEL TANKS. HAUL CONTENTS FROM CLOSED-LOOP SYSTEM TO APPROVED NMOCD DISPOSAL LOCATION ACCORDING TO RULE 19.15.17.

HOBBS OCD

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14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) MELANIE REYES		Title REGULATORY TECH
Signature 		Date 10/29/2013

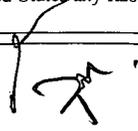
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	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	

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.

(Instructions on page 2)

NOV 05 2013



**PROCEDURE TO PLUG AND ABANDON**  
**Langlie Jal Unit #60**  
**Langlie Mattix (7-Rivers, & Queen) Field**  
**Lea County, New Mexico**  
**10/7/13**

**GENERAL WELL DATA**

- KB 3,230'
- 13-3/8" surface csg @ 30', cmt'd w/75 sx. TOC @ surf (circ'd)
- 8-5/8" intermdt. csg @ 814', cmt'd w/600 sx. TOC @ surf (circ'd)
- 4-1/2" prod. csg @ 3848', cmt'd w/1100 sx. TOC @ surf (circ'd)
- TD @ 3,850'
- PBTB @ 3,783'
- 7-Rivers perms: 3,425'-3,427'
- Queen perms: 3,497'-3,724'

**OBJECTIVE: Plug and Abandon Well.**

**PROCEDURE**

1. Hold Safety Meeting. High concentrations of H<sub>2</sub>S may be present. MIRU plugging equipment.
2. Kill well if necessary and ND WH, remove any tubing joints, and NU BOP.
3. PU work string and RIH to set CIBP @ 3400'.
4. Circulate well with mud.
5. Spot 25 sxs of cement on top of CIBP.
6. PU to 2510 and spot 25 sxs of cement @ 2510'-2150'.
7. POOH with work string.
8. MIRU WL. Pick up perf gun and perf 4-1/2" csg @ 1175'.
9. POOH wireline and RIH with tubing and packer.
10. Pump & squeeze 75 sxs of cement into perms at 1175' and flush to 775'.
11. POOH with work string and WOC.
12. Tag top of plug @ 775'.
13. Pick up perf gun and perf 4-1/2" csg @ 590' and POOH w/wire line.
14. Pump cement down casing and circulate cement to surface.

15. RDMO plugging equipment.

16. ND BOP.

17. Cut off well head and weld on marker.

PREPARED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_



