

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

- 5. Lease Serial No.
NMNM0766 ✓
- 6. If Indian, Allottee or Tribe Name
- 7. If Unit or CA/Agreement, Name and/or No.
NMNM87877X ✓
- 8. Well Name and No.
SJU TR-D 22
- 9. API Well No.
30-025-11701-00-S1 ✓
- 10. Field and Pool, or Exploratory
JUSTIS
- 11. County or Parish, and State
LEA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 LEGACY RESERVES OPERATING LP Contact: JOHN SAENZ
 LRE-Mail: jsaenz@legacylp.com

3a. Address
 303 W WALL SUITE 1600
 MIDLAND, TX 79702

3b. Phone No. (include area code)
 Ph: 432-689-5200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 Sec 23 T25S R37E SESE **6605 330E** ✓

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 checked="" 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 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.)

The subject well is currently a shut in producer. The well developed a casing leak in 2014 and has not made any oil since then. The plan is to repair the casing leak, check for fill, stimulate and return the well to production. See attached procedure.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #351748 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/27/2016 (16PP1206SE)**

Name (Printed/Typed) JOHN SAENZ Title OPERATIONS ENGINEER

Signature (Electronic Submission) Date 09/19/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Office _____

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.

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.



**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MBS/OCD 11/17/2016

3084 DF

PROCEDURE RTP
South Justis Unit D # 22
API: 30-025-11701
Lea County, New Mexico

WELL SUMMARY & OBJECTIVE:

The subject well is currently a shut in producer. The well developed a casing leak in 2014 and has not made any oil since then. The plan is to repair the casing leak, check for fill, stimulate and return the well to production.

PROCEDURE

1. Prior to rigging up: Test anchors.
2. Hold pre job safety meeting and MIRU PU.
3. Kill well. NU BOP.
4. Pick up work string and 7" packer isolate and bottom of casing leak @ 1979'. Verify no casing leaks below between casing leak and CIBP @ 4950'. Check for circulation to surface.
5. TOH and run back in hole with packer/RBP combo and isolate top of leak @1979' and isolate leak @ 500'.
6. If leak @ 500' is pressure only. MIRU cement company. RIH with EZ drill CR and set at 1950'. Establish injection rate and pump 100 sx class C cement, leave 10' cmt on top of CR. TOH with WS. MIRU wireline and perforate at 550'. Tie cement company to well head and establish circulation to surface. Bullhead pump 100 sx class C cement down casing and flush with 20 bbl fresh water. Rig down cement company.
7. TIH with 6-1/8" mill tooth bit, 4 drill collars, and work string. Drill out cement and CR to 2000'. Pressure test casing. If casing will not hold pressure and has an injection rate isolate and squeeze again. If casing will not hold pressure but we cannot inject into continue with plan.
8. RIH with a 6-1/8" mill tooth bit, 4 drill collars, and work string. Tag CICR @ 4940'. Drill out and clean out to PBSD @ 5855'.
9. TOH with bit and drill collars and lay down. RIH w/ full opening packer on 2-7/8" work string. Set packer at 4950'.
10. MIRU Coiled tubing unit. Attach sonic hammer wash tool and trip in hole to 5000'. Attempt to establish circulation. Pickle coiled tubing with 500 gal acid. If circulation is established, water wash perfs at recommended sonic hammer tool rate, water wash 100' of perfs at a time 15 minutes per 100' moving up and down during that time. 9 intervals from top down from 5029' to 5855'. Circulate bottoms up after last wash cycle. Follow the attached table for volumes.
11. Close backside valve at surface. Sonic hammer acid wash perfs at recommended sonic hammer tool rate, acid wash 100' of perfs at a time 15 minutes per 100' moving up and down during that time. 9 intervals from bottom up from 5855' to 5029' with 12000 gallons 15% NEFE HCL acid. . Flush acid out of WS with 200 bbls fresh water after coiled tubing is out of hole or while pulling CTU out. Watch backside tubing pressure keep below 4000psi and casing pressure at 0psi. Follow the attached table for volumes.

12. TOH with packer and WS and lay down. RIH with production tubing per Production Superintendent.
13. ND BOP and NU wellhead. RIH with rod string per Production Superintendent. Hang well on and RTP.

John Saenz

Operations Engineer

Treating Schedule

	100' intervals		Perfs in interval # ft		Acid vol	WTR vol
interval	Treat top	Treat Bot	Active	Plugged	gal	bbbl
1	5029	5129	11		1300	30
2	5129	5229	83		1500	45
3	5229	5329	4		1300	30
4	5329	5429	9	29	1500	45
5	5429	5529	48	17	1500	45
6	5529	5629	5		1300	30
7	5629	5729	6		1300	30
8	5729	5829	8	21	1300	45
9	5829	5855	3		500	10
total	5029	5855	177	67	11500	310
pickle					500	
acid total					12000	
wtr flush						200
wtr total						510

Conditions of Approval

**Legacy Reserves Operating LP
South Justis Unit D-21, API 3002511701
T25S-R37E, Sec 23, 660FSL & 330FEL
October 27, 2016**

1. **Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location for this workover operation.**
2. Subject to like approval by the New Mexico Oil Conservation Division.
3. Surface disturbance beyond the existing pad shall have prior approval.
4. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
5. Functional H₂S monitoring equipment shall be on location.
6. 2000 (2M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Blind ram(s) and pipe ram(s) designed to close on all workstring diameters used is required equipment. A manual BOP closure system (hand wheels) shall be available for use regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
7. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
8. **Conduct workover operations to establish that the 7" csg has cmt from below the 9 5/8" shoe (3400' or below) to above 900' or above in the 9 5/8" x 7" annulus.**
9. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from 4950 or below to top of cement taken with 0psig casing pressure. The CBL may be attached to a pswartz@blm.gov email.**
10. After drilling out the cement squeeze(s), **perform a charted casing integrity test** of 400psig minimum. Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 75 per cent of its full range. **Verify all annular casing vents are plumbed to the surface and open during this pressure test. Call Hobbs BLM 575-393-3612 and request a witness of that pressure test.** Include a copy of the chart in the subsequent sundry for this workover.
11. **Provide BLM with an electronic copy (Adobe Acrobat Document) of a 7" cement bond log record from 4950 or below to top of cement taken with 0psig casing pressure. The CBL may be attached to a WIS subsequent report to a pswartz@blm.gov email.**

12. The subsequent report is to include workover stimulation injection pressures. Report maximum/minimum injection rate (BPM) and max/min stimulation injection pressures (psig).
13. Submit a (BLM Form 3160-5 subsequent report (daily reports) via BLM's Well Information System; <https://www.blm.gov/wispermits/wis/SP> describing all wellbore activity. File the form within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
14. Workover approval is good for 90 days (completion to be within 90 days of approval).

prs