

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

I&E - 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.*5. Lease Serial No.
NMNM10189

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
J H MCCLURE B COI 229. API Well No.
30-025-2717610. Field and Pool, or Exploratory
SWD; QUEEN11. County or Parish, and State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

2. Name of Operator

LEGACY RESERVES OPERATING LP

Contact: KENT WILLIAMS

E-Mail: kwilliams@legacylp.com

3a. Address

PO BOX 10848
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-689-5200 Ext: 5218

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T24S R38E NESE 1650FSL 660FEL

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"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back

INT TO P&A NR P&A R
RBDMS TA

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 recomplete 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 recompletion 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.)

PLUG AND ABANDON. LEGACY HAS ATTEMPTED UNSUCCESSFULLY TO REMOVE ENTIRE TUBING FISH LEFT IN HOLE IN 1989 BY HONDO O&G. CURRENT TOP OF FISH @ 5380'.

DETAILED PROPOSED P&A PROCEDURE ATTACHED ALONG WITH PROPOSED WELLBORE DIAGRAM.

WITNESS**SUBJECT TO LIKE
APPROVAL BY STATE****SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #328395 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 01/13/2016 ()	
Name (Printed/Typed) KENT WILLIAMS	Title SENIOR ENGINEER
Signature (Electronic Submission)	Date 01/12/2016
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

MW/OCD 1/19/2016

JAN 20 2016

PLUG AND ABANDONMENT PROCEDURE #2 - PROPOSED

J.H. McClure B #22
Field/Pool: SWD (Queen)
Lea Co., NM
API: 30-025-27176

Date: 1/12/16
Engineer: Kent Williams
Company: Legacy Reserves Operating, LP

Purpose Of Procedure: Plug and abandon. Legacy has attempted unsuccessfully to remove entire tubing fish left in hole in 1989 by Hondo O&G. Current top of fish @ 5380'.

Procedure:

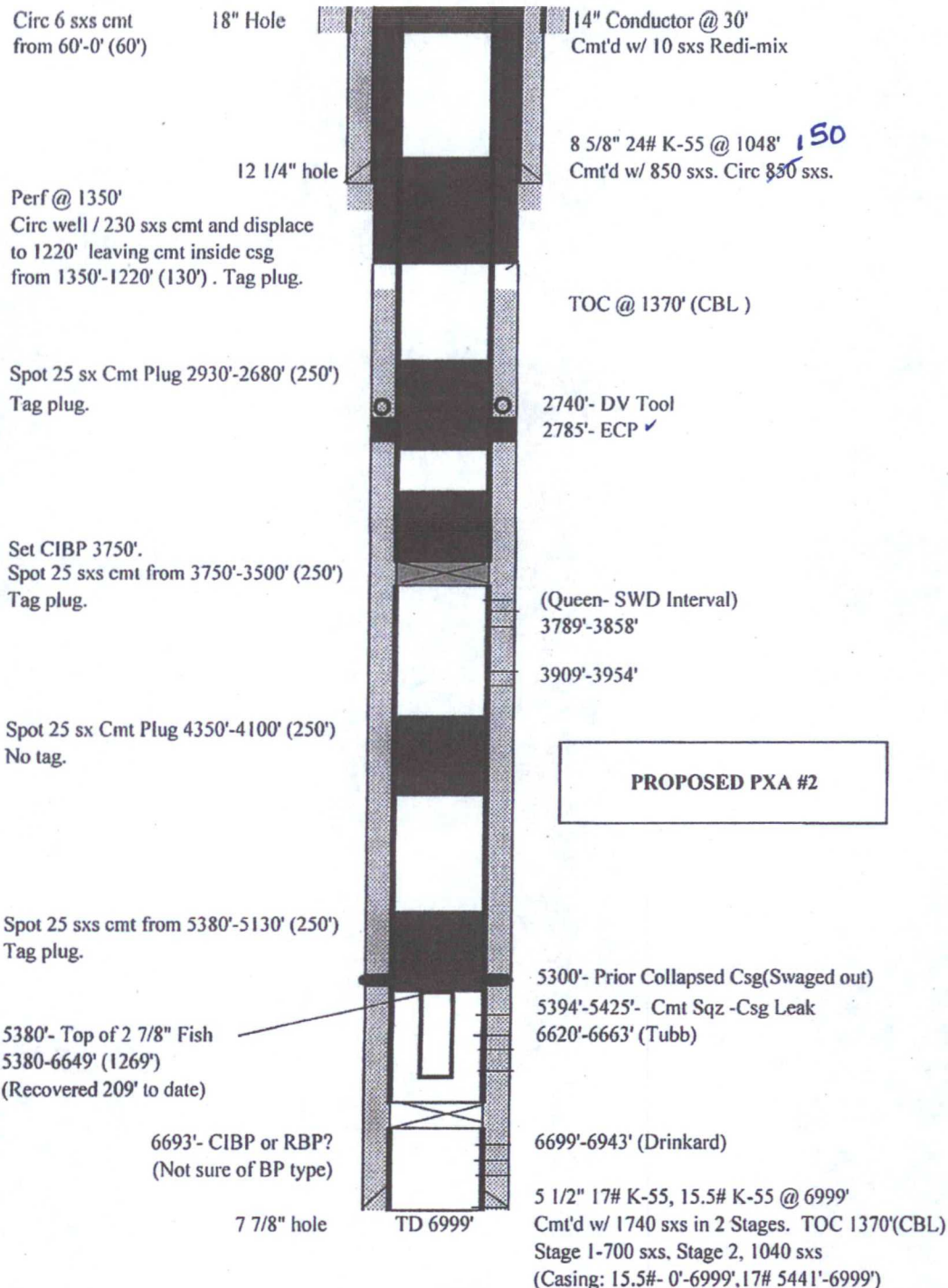
1. MIRU PXA company. Install 2000# minimum rated BOP.
2. Plug #1 (Perforation Plug)- RIH w/ open-ended tubing to 5380' (top of fish). Spot 25 sxs Class C cmt from 5380'-5130' (250') WOC. Tag plug.
3. Lower tbgt to top of cement plug at +/- 5130'. Circulate casing w/ 122 bbls mud laden fluid. - Pressure test csg to 500 #
4. Plug #2 (Casing Plug)- PU tbgt to 4350'. Spot 25 sxs of Class C Cement form 4350'-4100' (250'). No tag required.
5. Plug #3 (Perforation Plug)- RIH w/ CIBP and set at 3750'. Spot 25 sxs of Class C Cement form 3750'-3500' (250'). WOC. Tag plug.
6. Plug #4 (DV Tool Plug) PU tbgt to 2930'. Spot 25 sxs of Class C Cement form 2930'-2680' (250'). WOC. Tag plug.
7. Plug #5 (Casing Shoe Plug) RIH wireline. Perforate at 1350'. Pump 230 sxs Class C Cement down casing and attempt to circulate cmt back to surface in 5 1/2" x 8 5/8" annulus. Displace cmt w/ 29 bbls water to 1220' to leave plug inside 5 1/2" casing from 1350'-1220' (130'). WOC. Tag plug.
8. Plug #6 (Surface Plug). RU tbgt to 60'. Circulate casing w/ 15 sxs Class C Cement from 60'-0' (60'). Top off w/ cmt as necessary.
(Alternative Procedure- If cement doesn't circ to surface in Step 7, Perf csg @ 60'. Pump 15 sxs down casing and circulate cmt back to surface in 5 1/2" x 8 5/8" annulus)
9. Cut off well head. Weld on dry hole marker. Backfill cellar. Clean location. RDMO.

Note:

- Use Class "C" Neat Cement , 1.32 ft³/sx cmt yield.
- Use 9.0 PPG mud laden fluid (25 sxs @ 50 # gel/sx in 100 bbls brine).
- Notify BLM in Carlsbad Office (575-234-5972) 24 hrs. prior to commencing operation.

WELLBORE SCHEMATIC

Well Name & No.:	J. H. Mc Clure B COI # 22			
Field:	SWD : Queen			
Location:	1650' FSL x 660' FEL, Sec. 19, Unit Letter I, T-24-S, R-38-E			
County:	Lea	State:	NM	API #: 30-025-27176
GR Elevation:	3180.0	Spud Date:	10/16/81	
KB Correction:	12.0	Drl Compl. Date:	03/07/82	
KB Elevation:	3192.0	Original Well Name:	Same	
		Original Operator:	Arco Oil & Gas	



Conditions of Approval

**Legacy Reserves Operating LP
J H McClure B COI - 22, API 3002527176
T24S-R38E, Sec 19, 1650FSL & 660FEL
January 13, 2016**

1. Subject to like approval by the New Mexico Oil Conservation Division.
2. Notify BLM 575-393-3612 Lea Co as work begins. Some procedures are to be witnessed. If there is no response, leave a voice mail with the API#, workover purpose, and a call back phone number.
3. Surface disturbance beyond the existing pad must 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. 3000 (3M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed 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. The BLM PET witness is to run tbq tally and agree to cement volumes and placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM PET witness.
9. **This procedure is subject to the next three numbered paragraphs.**
10. Mix cement plugs to cover a minimum of 100ft plus 10ft for every 1,000ft from the bottom of the plug, rounding the number of necessary sacks up to the nearest 5 sacks. Never use less than 25sx. Examples: A cement plug set at 8000 in 7" casing would require a min of 35sx. A 25sx plug in 5 1/2" casing should cover 250ft, which may exceed 100ft plus 10ft per 1000ft.
11. Class H > 7500ft & C < 7500ft) cement plugs(s) will be necessary. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours(H) is recommended. Formation isolation plugs of Class "C" to be mixed 14.8#/gal, 1.32 ft³/sx, 6.3gal/sx water and "H" to be mixed 16.4#/gal, 1.06ft³/sx, 4.3gal/sx water.

12. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.
13. Submit a subsequent Sundry Form 3160-5 relating the dated daily wellbore and CIT activities.
14. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.