



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
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.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC062486
2. Name of Operator LEGACY RESERVES OPERATING		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 10848 MIDLAND, TX 79702		7. If Unit or CA/Agreement, Name and/or No. 8910063990
3b. Phone No. (include area code) Ph: 432-689-5200 Ext: 5273		8. Well Name and No. DRICKEY QUEEN SAND UNIT 813
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T14S R31E SWSE 990FSL 1650FEL 33.127615 N Lat, 103.823605 W Lon		9. API Well No. 30-005-00982-00-S1
		10. Field and Pool, or Exploratory CAPROCK-QUEEN
		11. County or Parish, and State CHAVES COUNTY, NM

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 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 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.)

Plan to P&A subject well. Please see attached P&A procedure along with current and proposed wellbore diagrams.

E-PERMITTING <SWD INJECTION>  
CONVERSION \_\_\_\_\_ RBDMS \_\_\_\_\_  
RETURN TO \_\_\_\_\_ TA \_\_\_\_\_  
CSNG \_\_\_\_\_ CHG LOC \_\_\_\_\_  
INT TO P&A NR \_\_\_\_\_ P&A R \_\_\_\_\_

APPROVED FOR 3 MONTH PERIOD  
ENDING SEP 16 2015

14. I hereby certify that the foregoing is true and correct. Electronic Submission #304908 verified by the BLM Well Information System For LEGACY RESERVES OPERATING, sent to the Roswell Committed to AFMSS for processing by DAVID GLASS on 06/16/2015 (15DRG0093SE)	
Name (Printed/Typed) LAURA PINA	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/15/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DAVID R GLASS	Title PETROLEUM ENGINEER	Date 06/16/2015
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 Roswell		

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 \*\* JUN 23 2015

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

## **DQU #813**

### **Proposed P&A Procedure**

Note: All plugs will be Class C containing 2% CaCl<sub>2</sub> and will be mixed at a weight of 14.8 ppg. Produced water from Caprock Field can be used for mixing salt mud. Salt mud weight should be a minimum of 9.5 ppg. Recommended perforations at 1931' could result in a high-pressure gas blow from the Yates Formation.

1. RIH w/bit and tag TOC, circulate minimum 9.5 ppg salt mud to 1931'.
2. RU wireline w/packoff and flow tee. Perforate squeeze holes at 1931'.
3. RIH w/packer. Set PKR 1800' and squeeze perfs at 1931' w/minimum 40 sx. WOC. POOH w/pkr, RIH w/O-E tubing and tag TOC at/above 1831'. Circulate salt mud and POOH.
4. RU wireline and perforate squeeze holes at 1175'.
5. RIH w/packer. Set PKR 1050' and squeeze perfs at 1175' w/minimum 40 sx. POOH w/pkr, RIH w/O-E tubing and tag TOC at/above 1075'. Circulate salt mud and POOH.
6. RIH w/packer, set at 450' and squeeze casing leak w/minimum 40 sx. WOC, POOH w/packer, RIH w/O-E tubing and tag TOC at/above 467'. Circulate salt mud to surface and POOH.
7. RU wireline and perforate squeeze holes at 152'.
8. Establish circulation from 5-1/2" to 5-1/2"-by-8-5/8" annulus and fill both to surface with minimum 60 sx.
9. POOH, top off casing, remove WH, set P&A marker, clean and reclaim location.

John Saenz

# LEGACY RESERVES LP

FIELD: Caprock  
LEASE/UNIT: DQSU (formerly Trigg Federal #13)  
COUNTY: Chaves

DATE: 12-Jun-15  
BY: JHS  
WELL: 813  
STATE: New Mexico

Location: 990' FSL & 1650' FEL, Sec 40, T14S, R31E  
SPUD: 06/19/58 COMP: 06/58  
CURRENT STATUS: T.A. Producer  
Original Well Name: Federal Trigg #13-4

KB = 4,198'  
GL = 4,194'  
API = 30-005-00982

11"

8-5/8" 24# J-55 @ 102' w/50 sx; calc'd TOC at surface

CSG leak @ 517'-548'

T-Anhy @ 1125'  
T-Salt @ 1243'  
B-Salt @ 1881'  
T-Yates @ 2033'  
T-Queen @ 2796'

7-7/8"

TOC @ 2264' (CBL)

CIBP at 2750' w/95' of cement

Top of Queen @ 2796':

Queen: 2806' - 2810' (4 spf) (06-58)  
2798' - 2806' (4 spf) (02-61)  
2796' - 2811' (4 spf) (10-07)

5-1/2" 14# J-55 @ 2825' w/100 sx

PBTD - 2856'  
TD - 2856'

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CURRENT STATUS: T.A. Producer

Original Well Name: Federal Trigg #13-4

KB = 4,198'

GL = 4,194'

API = 30-005-00982

11"

8-5/8" 24# J-55 @ 102' w/50 sx; calc'd TOC at surface

Perf @152' and fill 5-1/2" and 5-1/2"-by-8-5/8" to surface w/min. 60 sx

CSG leak @ 517'-548'

Pkr sqz 40 sx, tag at/above 467' - Tag

WOC  
Tag

T-Anhy @ 1125'

T-Salt @ 1243'

B-Salt @ 1881'

T-Yates @ 2033'

T-Queen @ 2796'

Perf @ 1175', pkr sqz 40 sx, tag at/above 1075' - Tag

WOC  
Tag

Perf @ 1931', pkr sqz 40 sx, tag at/above 1831' - Tag

WOC  
Tag

7-7/8"

TOC @ 2264' (CBL)

CIBP at 2750' w/95' of cement - Tag

Top of Queen @ 2796'

Queen: 2806' - 2810' (4 spf) (06-58)

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2796' - 2811' (4 spf) (10-07)

5-1/2" 14# J-55 @ 2825' w/100 sx

PBTD - 2856'  
TD - 2856'

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 West Second Street**  
**Roswell, New Mexico 88201**  
**(575) 627-0272**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90<sup>th</sup> day provide the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.