

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.
NMSF077092

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
LACKEY A 2

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: AMANDA WALKER
E-Mail: mwalker@hilcorp.com

9. API Well No.
30-045-08511-00-S1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 505-324-5122

10. Field and Pool or Exploratory Area
BLANCO MESAVERDE
OTERO CHACRA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T29N R10W NWSW 1650FSL 0790FWL
36.736984 N Lat, 107.842148 W Lon

11. County or Parish, State
SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
MK <input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
	<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 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 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.

Hilcorp Energy Company requests permission to repair the Bradenhead on the subject well per the attached procedure.

NMOC
NOV 15 2018
DISTRICT III

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #437177 verified by the BLM Well Information System
 For HILCORP ENERGY COMPANY, sent to the Farmington
 Committed to AFMSS for processing by JACK SAVAGE on 11/06/2018 (19JWS0022SE)**
 Name (Printed/Typed) AMANDA WALKER Title OPERATIONS REGULATORY TECH
 Signature (Electronic Submission) Date 09/26/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE Title PETROLEUM ENGINEER Date 11/06/2018

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 Farmington

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)

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

NMOC

**Hilcorp
LACKEY A 2
Expense - Bradenhead Repair**

NMOCD
NOV 15 2018
DISTRICT III

Lat 36.73698 N

Long 36.73698 W

PROCEDURE

1. Please notify NMOCD at least 24 hrs before rig arrives to well prep the well. 505-334-6178 Aztec office and the BLM office 505-564-7750. Please log all phone calls in daily rig reports.
 2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. Scope location for base beam. If unable to use base beam, test rig anchors prior to moving in rig. **Before RU, run slickline to check for and remove any downhole equipment. If an obstruction is found and cannot be recovered, set a locking 3-slip-stop above the obstruction in the tubing.**
 3. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If there is pressure on the BH, contact Ops Engineer.
 4. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with treated **fresh** water as necessary.
 5. ND wellhead and NU BOPE. Test and chart BOPs as per regulations. PU and remove tubing hanger. LD ~5 joints and PU 4-1/2" casing lock-set packer. Set packer ~40' below wellhead, load casing with water, and test above packer to test wellhead seals to 600 psi. If test fails, LD 5 jts tubing and replace wellhead/seals as necessary. PU tubing and retrieve packer.
 6. Review wellhead work with NMOCD once completed. Call Monica at 505-334-6178 ext 123 or 505-320-0243.
 7. Tag for fill, adding additional joints as needed. Record pressure test and fill depth in WellView.
 8. RU Tuboscope unit to inspect tubing. TOOH with tubing (per pertinent data sheet). LD and replace any bad joints and record findings in WellView (*joint # and/or depth(s) of bad jts*). Make note of corrosion, scale, or paraffin and save a sample to give to engineering for further analysis.
- Contact Operations Engineer to discuss whether cleanout is needed.**
9. If necessary, PU 3-3/4" bit and CO to PBTD at 5,080' using the air package. Well has 251' rathole. TOOH and LD bit. If unable to CO to PBTD, contact Wells Engineer to inform how much fill was left and confirm/adjust landing depth.
 10. TIH with production tubing.

Tubing Wt./Grade: 4.7#, J-55
Land Tubing At: 4,822'
Land Seat-Nipple At: 4,821'
KB: 12'

Tubing and BHA Description

1	2-3/8" Expandable Check
1	2-3/8" Seat-Nipple (1.78" ID)
1	2-3/8" Tubing Joint
1	2-3/8" x 2' Tubing Pup Joint
152	2-3/8" Tubing Joints

Note: 4-1/2" liner top at 3,561'

11. Ensure barriers are holding. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbl. pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 min., then complete the operation by pumping off the expendable check. Note in WellView the pressure in which the check pumped off. Purge air as necessary.
12. Notify MSO and area Lead that well is ready to be returned to production. Verify cathodic is back online. RDMO.

Hilcorp Energy
LACKEY A 2 Wellbore Schematic
 Expense - Bradenhead Repair



Schematic - Current

Well Name: LACKEY A #2 ST

API / UWI 3004508511	Surface Legal Location 012-029N-010W-L	Field Name BLANCO MV (PRO #0073)	License No.	State/Province NEW MEXICO	Well Configuration Type
Original KB RT Elevation (ft) 5,783.00	KB-Tubing Hanger Distance (ft)	Original Spud Date 4/26/1952 00:00	Rig Release Date 4/17/2003 14:30	PSTD (ft), (ft/s) Sidetrack 1 - 0.0	Total Depth Air (TVD) (ft/s)

Most Recent Job				
Job Category FACILITIES	Primary Job Type	Secondary Job Type	Actual Start Date 10/7/2006	End Date

TD: 5,100.0 Original Hole, 9/20/2018 2:10:12 PM

