

RECEIVED

Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 08 2017

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

Farmington Field Office

Bureau of Land Management

5. Lease Serial No.

SF-078147

6. If Indian, Allottee or Tribe Name

## 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 page 2.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

OIL CONS. DIV DIST. 3

2. Name of Operator

Hilcorp Energy Company

SEP 14 2017

8. Well Name and No.

Moore LS 3

9. API Well No.

30-045-60060

3a. Address

PO Box 4700, Farmington, NM 87499

3b. Phone No. (include area code)

505-599-3400

10. Field and Pool or Exploratory Area

Blanco Mesaverde

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

Surface

Unit L (NWSW), 1800' FSL &amp; 1090' FWL, Sec. 13, T32N, R12W

11. Country or Parish, State

San Juan

New Mexico

## 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 checked="" 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 must 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 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 casing on the subject well per the attached procedure and wellbore schematic.**

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Priscilla A. Shorty

Title Operations/Regulatory Technician

Signature

Date

9/8/17

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PE

Date

9/12/17

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

FFO

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.

(Instruction on page 2)

NMOCD PV

3

**Hilcorp**  
**MOORE LS 3**  
**Expense - Casing Repair**

Lat 36.98368 N

Long -108.0515 W

**PROCEDURE**

1. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD/COGCC, 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.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If the BH valve is open close the valve and obtain a 30 min BH pressure, contact Ops Engineer.
3. 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.
4. ND wellhead and NU BOPE. Test and chart BOPs as per regulations. PU and remove tubing hanger. Record pressure test in WellView.
5. (Tubing was inspected May 2016, no need to inspect). TOOH with tubing (per pertinent data sheet). Make note of corrosion, scale, or paraffin and save a sample to give to engineering for further analysis. If visual inspections warrants scanning, can schedule for end of job.
6. PU 4-1/2" Packer, set at 4300' to test existing 4-1/2" liner from 4300'-4644'. TOH with packer and PU a 7" Casing Scraper and short trip to 4-1/2" liner top at 4295'. Wash over liner top, PU J-Hobbs tie in tool and 4295' of J-55 4-1/2" casing and tie into existing 4-1/2" liner. Establish circulation to surface and pump 410+ sxs Class G cement and return cement to surface. Wait overnight on cement. Pick up drill string, drill out cement to top of CIBP. Pressure test casing to 600# and record on chart. Drill out CIBP and tag for fill.
7. If necessary, PU 3-3/4" bit and CO to PBTD at 5,468' using the air package. TOOH and LD bit. If unable to CO to PBTD, contact Ops Engineer to inform how much fill was left and confirm/adjust landing depth.
8. TIH with tubing using Tubing Drift Procedure (detail below).

**Tubing Wt./Grade:** 4.7#, J-55  
**Tubing Drift ID:** 1.901"  
  
**Land Tubing At:** 5,272'  
**KB:** 10'

**Note: Top of 4-1/2" liner hanger at 4,295'.**

Tubing and BHA Description		
1		2-3/8" Expendable Check
1		2-3/8" (1.78" ID) F-Nipple
1		2-3/8" Tubing Joint
1		2-3/8" Pup Joint (2' or 4')
+/- 166		2-3/8" Tubing Joints
As Needed		2-3/8" Pup Joints
1		2-3/8" Tubing Joint

9. 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.





## Schematic - Current

Well Name: MOORE LS 3

API/UWI 3004580060	Surface Legal Location 013-032N-012W-L	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KBRT Elevation (ft) 6,372.00	KG-Tubing Hanger Distance (ft)	Original Spud Date 2/24/1955 06:00	Rig Release Date 3/10/1955 00:00	PSTD (A) (ftKG)	Total Depth All (TVD) (ftKG)

### Most Recent Job

Job Category WELL INTERVENTION	Primary Job Type BRADENHEAD REPAIR	Secondary Job Type	Actual Start Date 5/23/2017	End Date 6/6/2017
-----------------------------------	---------------------------------------	--------------------	--------------------------------	----------------------

TD: 5,468.0

Vertical, OH ST1, 9/6/2017 2:51:28 PM

