

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.
NMSF078604

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMMN133172

8. Well Name and No.
MARCOTTE 2

9. API Well No.
30-045-29466-00-S9

10. Field and Pool or Exploratory Area
BASIN DAKOTA

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
HILCORP ENERGY COMPANY

Contact: MANDI RAY
E-Mail: mray@hilcorp.com

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T31N R10W NESE 1540FSL 935FEL
36.909710 N Lat, 107.899550 W Lon

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"/> Hydraulic Fracturing	<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 checked="" 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 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 would like to update the previously submitted plans to recomplete the subject well in the Mesaverde formation and permanently abandon the Dakota formation. Attached is updated recomplete procedure and wellbore schematic. A Closed Loop system will be utilized.

NMOCD

APR 25 2018

DISTRICT III

Notify NMOCD 24 hrs
prior to beginning
operations

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

Electronic Submission #408851 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 04/09/2018 (18JWS0116SE)

Name (Printed/Typed) MANDI RAY Title OPERATIONS REGULATORY TECH

Signature (Electronic Submission) Date 03/22/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE Title PETROLEUM ENGINEER Date 04/09/2018

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 ****

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HILCORP ENERGY COMPANY
MARCOTTE 2
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test 11" BOP.
2. TOOH with 2 3/8" tubing set at 7,017'.
3. Pick up retrieving head and TIH to Weatherford RBP set at 7,079'.
4. Latch onto RBP, equalize, un-set, and TOOH.
5. Set a 7" CIBP at +/- 7,120' (top Dakota perforation at 7,138'). CMT from 3000' to 7,550' by CBL.
6. TIH with open-ended 2 3/8" tubing to +/-7,118'.
7. Rig up cement crew and spot a balanced plug from 7,118' to 7,000' (pipe out top of plug, 7.8 bbls).
8. TOOH to +/-6,950', reverse circulate, WOC, TIH and tag plug, record solid tag depth. TOOH.
9. Set a 9-5/8" CIBP at +/-5,375' for frac job.
10. Load the hole and pressure test the casing to 4,000 psi.
11. N/D 11" BOP, install 7" adapter spoil to wellhead, N/U 7" BOP, test BOP, TIH with 3-1/2" frac work string and land +/-4,150'.
12. ND 7" BOP and NU frac stack and test frac stack to frac pressure.
13. Perforate and frac the Mesa Verde in two or three stages (Top Perforation @ 4,184'; Bottom Perforation @ 5,324').
14. Isolate frac stages by pumping a frac sand plug. Once frac job is complete, set BPV in wellhead hanger and test.
15. ND frac stack, nipple up 7" BOP and test.
16. TOOH with work string and TIH with a mill and cleanout Mesa Verde frac sand plug and drillout CIBP set at +/-5,375'.
17. Clean out wellbore, when water and sand rates are acceptable, flow test the Mesa Verde. TOOH.
18. Swap 7" BOP internals for 2-3/8" production tubing and test BOP, TIH and land 2 3/8" production tubing. ND 7" BOP, NU wellhead and test, release service rig and turn well over to production.



**HILCORP ENERGY COMPANY
MARCOTTE 2
MESA VERDE RECOMPLETION SUNDRY**

MARCOTTE 2 - CURRENT WELLBORE SCHEMATIC

