

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

5. Lease Serial No.

NMSF078146

6. Field Office or Tribe Name  
Fermington Field Office  
Bureau of Land Management

**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

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

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

8. Well Name and No.

Newberry A 2

9. API Well No.

30-045-11892

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

Surface Unit K (NESW) 1750' FSL & 1550' FWL, Sec. 09, T31N, 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleate 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 recompleation 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 plans to recompleate the subject well in the Mesaverde formation and downhole commingle with the existing Dakota formation. Please see the attached procedure, wellbore diagram, GCP and plat. A DHC application will be filed and approved prior to commingling. A closed loop system will be used. Interim reclamation will be performed after surface disturbing activities.

HOLD C104 FOR DHC

Notify NMOCD 24 hrs  
prior to beginning  
operations

NMOCD

DEC 20 2018

DISTRICT III

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)

Amanda Walker

Title Operations/Regulatory Technician - Sr.

Signature

*Amanda Walker*

Date 11/29/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*[Signature]*

Title PE

Date 12/11/18

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 PFO

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 AC

**District I**1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720**District II**811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural**  
**Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-11892	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318823	5. Property Name NEWBERRY A	6. Well No. 002
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6130

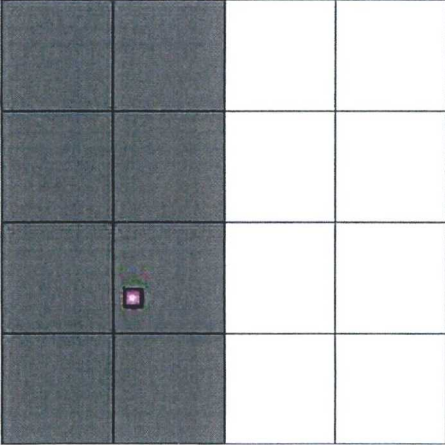
**10. Surface Location**

UL - Lot K	Section 9	Township 31N	Range 12W	Lot Idn	Feet From 1750	N/S Line S	Feet From 1550	E/W Line W	County SAN JUAN
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00	13. Joint or Infill			14. Consolidation Code			15. Order No.		

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: <i>Amanda Walker</i>  Title: Operations / Regulatory Tech Sr.  Date: 11/29/2018</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Robert Ernst  Date of Survey: 8/19/1965  Certificate Number: 2463</p>
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HILCORP ENERGY COMPANY  
NEWBERRY A 2  
MESA VERDE RECOMPLETION SUNDRY

API #:

3004511892

JOB PROCEDURES

1. MIRU workover rig and associated equipment; NU and test BOP.
2. TOOH with 2 3/8" tubing set at 7,144'.
3. Set a 4-1/2" cast iron bridge plug at +/- 7030' to isolate the Dakota.
4. Load hole with fluid and run a CBL on the 4-1/2" casing. Verify cement bond within the Mesa Verde and confirm TOC. Review CBL results with NMOCD and perform cmt remediation, as required. PT csq to 650 psi
5. Set a 4-1/2" cast iron bridge plug at +/- 5250' to provide a base for the frac
6. Perforate the Mesa Verde. (Top perforation @ 4140', Bottom perforation @ 5200')
7. RIH w/ frac string and packer with ceramic disc sub. Set pkr and land tbq.
8. N/D BOP, N/U frac stack and test frac stack to frac pressure. Open well and PT tbq to 9000#
9. RU slickline. RIH and break ceramic disc. RD slickline
10. Perforate and frac the Mesa Verde in 1 stage.
11. RU flowback eqmt. Flowback well until tubing pressure drops to working level and sand subsides or well loads up. RD flowback eqmt.
12. MIRU workover rig. Nipple down frac stack, nipple up BOP and test.
13. Release pkr and POOH LD workstring
14. TIH with a mill and clean out to the top of the DK isolation plug at 7,030'. Take Mesa Verde gas samples and analyze
15. Drill out Dakota isolation plug and cleanout to PBTD of 7,331'. TOOH.
16. TIH and land production tubing. Get a commingled Dakota/Mesa Verde flow rate.





HILCORP ENERGY COMPANY  
NEWBERRY A 2  
MESA VERDE RECOMPLETION SUNDRY

NEWBERRY A 2 - CURRENT WELLBORE SCHEMATIC



Current Schematic

Well Name: NEWBERRY A #2

API Well# 3004511892	Surface Leg Location 00B-031N-012W-K	Field Name DK	Route 0203	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,130.00	Original KB RT Elevation (ft) 6,140.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00	

Vertical, Original Hole, 11/21/2018 7:59:46 AM

