

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 3/15/19

Well information:

Hilcorp Energy

Federal H #1, API#30-045-09030

Application Type:

☐ P&A ☐ Drilling/Casing Change ☐ Location Change

☒ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☐ Other:

Conditions of Approval:

- The Submitted Notice of Intent filed was incomplete concerning the wells current cement information and a CBL was not included in the procedure.
- **To correct the issues, a revised NOI is required to be filed and approved prior to any recomplete work being performed.**


NMOCD Approved by Signature

5/8/2019
Date

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 15 2019

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **SF-043260-B**
6. If Indian, Name of Tribe

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator Hilcorp Energy Company		8. Well Name and No. Federal H 1
3a. Address 382 Road 3100 Aztec, NM 87410	3b. Phone No. (include area code) 505-599-3400	9. API Well No. 30-045-09030
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit D (NWNW) 1190' FNL & 1190' FWL, Sec. 33, T30N, R11W		10. Field and Pool or Exploratory Area Basin Dakota / Blanco Mesaverde
		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 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 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 the existing Dakota with the Mesaverde. Attached is the MV plat and procedure. A DHC application will be filed and approved before work proceeds. A Closed Loop system will be utilized. Interim reclamation will be performed after surface disturbing activities.

NMOC

APR 05 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Christine Brock		Title Operations/Regulatory Technician - Sr.
Signature <i>Christine Brock</i>		Date 3/15/19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title AFM	Date 4/5/19
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.

NMOC

Federal H 1

Section 33-T30N-R11W

API#: 30-045-09030

MV Recompletion Procedure

2/22/2019

Procedure:

1. MIRU Service rig and associated equipment, test BOP.
2. TOOH w/ 2 3/8" tubing set at 6842'.
3. Set initial CIBP at 6728' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, providing 24 hr notice to agencies.
5. *(Note: 25 bbls cement circulated to surface)*
6. Optionally set bridge plug at approximately 5190'.
7. ND BOP, NU frac stack and test frac stack to frac pressure.
8. Perforate and frac the Mesa Verde. Estimated interval: 3904'-5090' (basal depths are per state rules - 500' below the PTLK top)
9. Cleanout to isolation plug. Flow test MV.
10. Cleanout to PBTD.
11. TIH and land production tubing. Get a commingled flow rate.
12. Release service rig and turn well over to production.



Current Schematic

Well Name: FEDERAL H #1 [3004509030]

API Well 3004509030	Surface Log Location 033-030N-011W-D	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0701	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original Depth (ft) 5,995.00	Original RABT Depth (ft) 5,995.00				

VERTICAL, Original Hole, 2/21/2019 7:43:02 AM

