

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley, 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: 9/10/18  
Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW	Last Insp
30-045-34389-00-00	FRED FEASEL H	001G	HILCORP ENERGY COMPANY	G	A	San Juan	F		33	28	N	10	W	2355	S	855	E	6/27/2018

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: Payadd**

Conditions of Approval:

If new perforations are above or below existing perfs please file C-104 and completion report before returning to production.

  
\_\_\_\_\_  
NMOCD Approved by Signature

9-27-18  
\_\_\_\_\_  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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		5. Lease Serial No. <b>NMSF-046563</b>
2. Name of Operator <b>Hilcorp Energy Company</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 Road 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit I (NESE) 2355' FSL &amp; 855' FEL, Sec. , T28N, R10W</b>		8. Well Name and No. <b>Fred Feasel H 1G</b>
		9. API Well No. <b>30-045-34389</b>
		10. Field and Pool or Exploratory Area <b>Basin Dakota</b>
		11. Country or Parish, State <b>San Juan , New Mexico</b>

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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Payadd</u>
	<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 plans to add pay to the existing Dakota formation per the attached payadd procedure. A closed loop system will be utilized for this project.**

NMOCD  
SEP 24 2018  
DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Cherylene Weston</b>		Title <b>Operations/Regulatory Technician - Sr.</b>
Signature <i>Cherylene Weston</i>		Date <b>9-10-18</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <i>Chip Hansen</i>	Title <b>Geologist</b>	Date <b>9/20/18</b>
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 <b>BLM-FFO</b>	

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.

**Fred Feasel H 1G**

Section 33-T28N-R11W

API#: 30-045-34389

**DK Pay Add Procedure**

9/7/2018

**Procedure:**

1. MIRU Service rig and associated equipment, test BOP.
2. TOOH w/ 2 3/8" production string set at 6646'.
3. Run gauge ring or string mill.
4. Set 5.5" bridge plug at approximately 6689', isolating Burro Canyon perforations.
  - a. Note: Cement was circulated above DV tool and to surface.
5. Load the hole and pressure test the casing to maximum frac pressure.
6. ND BOP, NU frac stack and test frac stack to maximum frac pressure.
7. Perforate and frac the Dakota. Estimated interval: 6420'-6580'.
8. Cleanout to top of plug above Burro Canyon perforations.
9. TIH and land production tubing.
10. Release service rig and turn well over to production.

Well Name: FRED FEASEL H 01G

API / UWI 3004534389	Surface Legal Location T28N-R10W-S33	Field Name Basin Dakota	License No	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 6,046.00	Original KB RT Elevation (ft) 6,059.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 9/7/2018 4:32:10 PM

