

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:

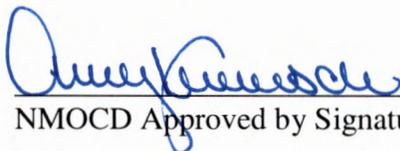
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-33367-00-00	FRED FEASEL H	001F	HILCORP ENERGY COMPANY	G	A	San Juan	F	B	33	28	N	10	W	665	N	1965	E

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 perforations, please file a C-104 and completion before returning to production.



NMOCD Approved by Signature

10/3/18
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SEP 11 2018

5. Lease Serial No.
NMSF-046563

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

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

8. Well Name and No.
Fred Feasel H 1F

2. Name of Operator
Hilcorp Energy Company

9. API Well No.
30-045-33367

3a. Address
382 Road 3100 Aztec, NM 87410

3b. Phone No. (include area code)
505-599-3400

10. Field and Pool or Exploratory Area
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface Unit B (NWNE) 665' FNL & 1965' FWL, Sec. 33, T28N, R10W

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

Notify NMOCD 24 hrs prior to beginning operations

NMOCD

SEP 24 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Cherylene Weston Title **Operations/Regulatory Technician - Sr.**

Signature *Cherylene Weston* Date **9-10-18**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Chy Hawade* Title **Geologist** Date **9/26/18**

Office **BLM-EFO**

Fred Feasel H 1F

Section 33-T28N-R10W

API#: 30-045-33367

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 6703'.
3. Fish wireline if needed.
4. Run gauge ring or string mill.
5. Set 5.5" bridge plug at approximately 6775', isolating Burro Canyon perforations.
 - a. *Note: TOC at 4396' per 8/18/2006 Black Warrior Wireline Corporation CBL.*
6. Load the hole and pressure test the casing to maximum frac pressure.
7. ND BOP, NU frac stack and test frac stack to maximum frac pressure.
8. Perforate and frac the Dakota. Estimated interval: 6496'-6655'.
9. Option to remove Burro Canyon plug or remain in place. Cleanout wellbore.
 - a. If the Burro Canyon plug is removed, a plug to isolate this formation may be reinstalled at a later date due to water rates.
10. TIH and land production tubing.
11. Release service rig and turn well over to production.

Well Name: FRED FEASEL H 01F

API Well 3004533367	Surface Leg # Location T28N-R10W-S33	Field Name Basin Dakota	License No.	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 6,144.00	Original KBWT Elevation (ft) 6,158.00	KB-Ground Distance, ft 14.00	KB-Casing Hanger Distance, ft	KB-Fishing Hanger Distance, ft	

Vertical, Original Hole, 9/7/2018 4:06:08 PM

