

State of New Mexico  
Energy, Minerals and Natural Resources Department

**dhcSusana 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: 2-16-18  
Well information:

frmWellFilterSub												
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng W/E
30-045-08610-00-00	TIDEWATER FEDERAL	001	HILCORP ENERGY COMPANY	G	A	San Juan	F	D	12	29	N	11 W

Application Type:

- P&A   
  Drilling/Casing Change   
  Location Change  
 **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)  
 Other:

Conditions of Approval:

- Notify OCD 24hrs prior to beginning operations.
- Downhole commingle must be approved prior to commingling the Blanco Mesaverde with the Basin Dakota.
- Submit CBL to the Agencies for review and approval prior to perforating.



NMOCD Approved by Signature

3/12/18  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
**FEB 20 2018**

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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No. **SF-081085**  
6. Indian, Allottee or Tribe Name

*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 of CA/Agreement, Name and/or No.
2. Name of Operator <b>Hilcorp Energy Company</b>		8. Well Name and No. <b>Tidewater Federal 1</b>
3a. Address <b>PO Box 4700, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>505-599-3400</b>	9. API Well No. <b>30-045-08610</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit D (NWNW) 790' FNL &amp; 790' FWL, Sec. 12, T29N, R11W</b>		10. Field and Pool or Exploratory Area <b>Blanco Mesaverde / 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 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 plans to recomplete the subject well in the Mesaverde formation and downhole commingle the existing Dakota with the Mesaverde. Attached is the MV plat & recomplete procedure. A DHC application will be filed and approved prior to commingling.

**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**

**OIL CONS. DIV DIST. 3**

**FEB 22 2018**

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

Signature *Christine Brock* Date **2/16/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **William Tambekou** Title **Petroleum Engineer** Date **2/21/2018**

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 **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.

(Instruction on page 2)

**NMOCDAV**

**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) 476-3462Form C-102  
August 1, 2011

Permit 248676

**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 30-045-08610	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319118	5. Property Name TIDEWATER FEDERAL	6. Well No. 001
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5776

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	12	29N	11W		790	N	790	W	SAN JUAN

**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 E/2			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**

	<b>OPERATOR CERTIFICATION</b>
	<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>
	E-Signed By: <i>Christine Brock</i> Title: Operations/Regulatory Tech - Sr. Date: 2/16/2018
	<b>SURVEYOR CERTIFICATION</b>
	<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>
	Surveyed By: James P. Leese Date of Survey: 5/11/1964 Certificate Number: 1463

## **Tidewater Federal #1**

790' FNL & 790' FWL. Spot D. Section 12 -T 029N -R 011W

API# 30-045-08610

### **Mesaverde Recompletion Sundry**

**2/8/2018**

#### **Procedure:**

1. MIRU service rig and associated equipment; NU and test BOP.

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2. TOOH and lay down current production tubing string and packer.

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3. Run gauge ring and scraper if necessary, and set a 4 ½" cast iron bridge plug at 6500' (~50' above the existing Dakota completion) to isolate the Dakota.

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4. Load well and pressure test casing to 1000 psi.
5. Run GR/CCL/CBL to pick formation tops, any need for remedial cement work, and other decisions related to the execution of the completion. Run a new GR/CCL/CBL correlation log with 500 psi from isolation plug to surface following any cement work.
6. Complete the Mesaverde formation (Menefee and Point Lookout). Estimated perf interval from 3700' to 4800'.
7. Flow back on clean-up to a flow back tank. If there is no frac string, wireline set a 4 ½" bridge plug (composite or cast iron) above top perf.
8. TIH and drill out the top plug. Flow test the Mesaverde up the casing.
9. Drill out the CIBP set above the Dakota and cleanout to PBTD at 6,725'. TOOH.
10. Get a commingled Dakota / Mesaverde flow rate.
11. TIH and land production tubing.
12. Release service rig and turn over to production.

Well Name: TIDEWATER FEDERAL #1

API / UWI 3004508610	Surface Legal Location 012-029N-011W-D	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,766.00	Original KBRT Elevation (ft) 5,776.00	G-Ground Distance (ft) 10.00	C3-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00	

Vertical, Original Hole, 2/7/2018 3:25:02 PM

