

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
- o ☒ **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

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

PO Box 4700, Farmington, NM 87499

3b. Phone No. (include area code)

505-599-3400

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

8. Well Name and No.

Tidewater Federal 1

9. API Well No.

30-045-08610

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

Surface Unit D (NWNW) 790' FNL & 790' FWL, Sec. 12, T29N, R11W

10. Field and Pool or Exploratory Area

Blanco Mesaverde / Basin Dakota

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

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☒ Recomplete

☐ Other

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Final Abandonment Notice

☐ Convert to Injection

☐ Plug Back

☐ 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 & recompleate procedure. A DHC application will be filed and approved prior to commingling.

OIL CONS. DIV DIST. 3

FEB 22 2018

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)

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)

NMOCD PV

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

Form C-102

August 1, 2011

Permit 248676

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

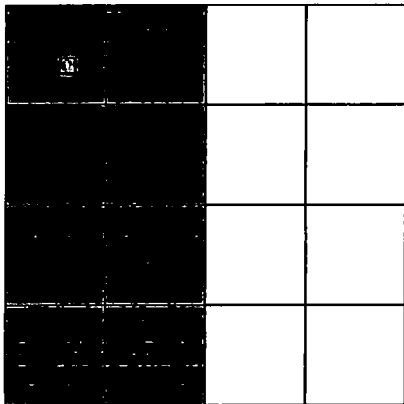
10. Surface Location

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

	OPERATOR CERTIFICATION <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	
	SURVEYOR CERTIFICATION <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.
2. TOOH and lay down current production tubing string and packer.
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.
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.



Current Schematic

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 KB/RT Elevation (ft) 5,776.00	CS-Ground Distance (ft) 10.00	CS-Casing Plug Distance (ft) 10.00	CS-Tubing Hanger Distance (ft) 10.00	

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

