

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMSF078580

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMNM118776

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
WOODRIVER 2B

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: PRISCILLA SHORTY
E-Mail: pshorty@hilcorp.com

9. API Well No.
30-045-33773-00-S1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 505-324-5188

10. Field and Pool or Exploratory Area
BASIN DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 9 T30N R8W SWNW 1755FNL 805FWL
36.828075 N Lat, 107.687007 W Lon

11. County or Parish, State
SAN JUAN COUNTY, NM

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"/> Hydraulic Fracturing	<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 recomplate 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 recomplate 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 recomplate the subject well in the Mesaverde formation and downhole commingle with the existing Dakota. Attached is the Dakota plat, recomplate procedure, and wellbore diagram. A DHC application will be filed and approved prior to commingling. A Closed Loop system will be utilized.

NMOCD
MAR 16 2018
DISTRICT III

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

Notify NMOCD 24 hrs prior to beginning operations

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #407148 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by WILLIAM TAMBEKOU on 03/12/2018 (18WMT0613SE)

Name (Printed/Typed) PRISCILLA SHORTY	Title OPERATIONS REGULATORY TECH
Signature (Electronic Submission)	Date 03/08/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>WILLIAM TAMBEKOU</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>03/12/2018</u>
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 <u>Farmington</u>

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.

(Instructions on page 2) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

3/7/2018

OCD Permitting

Form C-102
August 1, 2011
Permit 249439

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**

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-33773	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318767	5. Property Name WOODRIVER	6. Well No. 002B
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6282

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	9	30N	08W		1755	N	805	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			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	
	<p><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></p>	
	<p>E-Signed By: <i>Priscilla Shorty</i> Title: Operations Regulatory Technician Date: 3/7/2018</p>	
	SURVEYOR CERTIFICATION	
	<p><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></p>	
	<p>Surveyed By: Glen Russell Date of Survey: 1/18/2006 Certificate Number: 15703</p>	



HILCORP ENERGY COMPANY
Woodriver 2B
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with 2-3/8" tubing set at 7553'.
3. Set a 4-1/2" cast iron bridge plug at +/- 5,600' to isolate the Dakota. Note: TOC at 2630' by CBL.
4. Load the hole and pressure test the casing to 4000 psi.
5. N/D BOP, N/U frac stack and test frac stack to frac pressure.
6. Perforate and frac the Mesa Verde in two or three stages (Top Perforation @ 3852'; Bottom Perforation @ 5648').
7. Isolate frac stages with a composite bridge plug.
8. Nipple down frac stack, nipple up BOP and test.
9. TIH with a mill and drill out top isolation plug and Mesa Verde frac plugs.
10. Clean out to Dakota isolation plug and, when water and sand rates are acceptable, flow test the Mesa Verde.
11. Drill out Dakota isolation plug and cleanout to PBTD of 7,689'. TOOH.
12. TIH and land production tubing. Get a commingled Dakota/Mesa Verde flow rate.

Well Name: WOODRIVER #2B

API / UWI 3004533773	Surface Legal Location 009-030N-008W-E	Field Name BLANCO MESAVERDE (PRORATED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,282.00	Original KB/RT Elevation (ft) 6,295.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

VERTICAL, Original Hole, 3/7/2018 2:38:52 PM

