

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: 8/31/18

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-29744-00-00	ROSS FEDERAL	001M	HILCORP ENERGY COMPANY	G	A	San Juan	F	P	23	30	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; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☒ **Other: Packer Removal - Commingle**

Conditions of Approval:

- DHC must be approved before commingling.

NMOCD Approved by Signature

9/6/18
Date

RECEIVED

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

AUG 31 2018

5. Lease Serial No. **Farmington Field Office**
SE-0801131 Land Management

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

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

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

8. Well Name and No.

Ross Federal 1M

9. API Well No.

30-045-29744

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

Surface Unit P (SESE) 915' FSL & 1185' FEL, Sec. 23, T30N, 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			
<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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Remove Packer
	<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 requestes permission to remove the packer in the subject well and downhole commingle the Mesaverde & Dakota formations. Attached is the procedure and a current wellbore schematic. A DHC application will be filed 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

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Christine BrockTitle **Operations/Regulatory Technician - Sr.**

Signature

Christine Brock

Date

8/31/18

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

William Tambekou

Title

Petroleum Engineer

Date

9/4/2018

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

FFD

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)

NMOCDA

Hilcorp
ROSS FEDERAL 1M
Expense - Remedial Project

Lat 36.79292 N

Long 107.95506 W

PROCEDURE

1. Hold pre-job safety meeting. Comply with all NMOCD/COGCC, BLM, and HEC safety and environmental regulations.
2. MIRU slickline unit. Pull plunger equipment from both strings. Tag for fill through Dakota string. RDMO slickline.
3. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If there is pressure on the BH, contact Ops Engineer.
4. Kill well as needed with produced or treated fresh water.
5. ND wellhead. NU and test BOPs for 1.900" tubing. Prepare to remove the shallow-set packerless MV 1.900" 2.76# J-55 tubing string.
6. PU and remove tubing hanger of the Mesaverde tubing string, then scan tubing out of hole. After the Mesaverde tubing string is removed, pick up to remove tubing hanger of the Dakota 1.900" 2.90# J-55 tubing string then unset the Model D packer and pull the Dakota tubing string, scanning out of hole.
7. Discuss tubing condition and any deposits with engr to determine possible desired treatments. Prepare to RIH with 1.900" production tubing. Cleanout to PBTD with junk mill if needed based on significant fill, or RIH with open ended production tubing (for plunger installation) if fill is not present. After cleanout (if performed), pull out of hole if a mill was used or pull to landing depth if a bit was not used.
8. Discuss and confirm desired production tubing landing depth with Ops Engr, based on well condition. Below is the tentative plan:

9. TIH with and land production tubing (single string completion - comingling MV & DK):

		Tubing and BHA Description	
Tubing Wt./Grade:	1.900" 2.90#/2.76#, J-55	1	1.900" Mule Shoe with Expendable Check
Land Tubing At:	6,990'	1	1.900" Seating Nipple
Land F-Nipple At:	6,989'	+/- 221	1.900" Tubing Joints
KB:	14'	As Needed	1.900" Tubing Pup Joint(s) for spaceout

Note: If possible, reuse tubing in good condition, with 2.76# below the 2.90# tubing.

10. Test tubing to 500 psi. ND BOPs and NU production tree, reconfiguring for plunger lift. Pump off expendable check in tubing. Circulate well with air unit if needed. Reattach sales line.
11. Install downhole plunger equipment.
12. Notify MSO and Specialist that well is ready to be returned to production. If applicable, verify cathodic is back online. RDMO.

Well Name: ROSS FEDERAL #1M

API/UVN 3004529744	Surface Location 023-030N-011W-A	Field Name BASIN DAKOTA (PROCESSED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,047.00	Original RST Elevation (ft) 6,061.00	R/S-Ground Distance (ft) 14.00	R/S-Casing Flange Distance (ft)	R/S-Tubing Hanger Distance (ft)	

VERTICAL, Original Hole, 8/29/2018 10:21:26 AM

