

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: 1/19/18 Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-20434-00-00	SAN JUAN 28 7 UNIT	152	HILCORP ENERGY COMPANY	G	A	Rio Arriba	F	K	21	27	N	7	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: Final Casing Sundry

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Perform a CBL and submit it to the agencies for review and approval prior to perforating.

\_\_\_\_\_  
NMOCD Approved by Signature

2/5/18  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JAN 19 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to recomplete an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No. **SF-078640**

6. If Indian, Allottee or Tribe Name

*SUBMIT IN TRIPLICATE - Other instructions on page 2.*

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
**San Juan 28-7 Unit**

8. Well Name and No.  
**San Juan 28-7 Unit 152**

2. Name of Operator  
**Hilcorp Energy Company**

9. API Well No.  
**30-039-20434**

3a. Address  
**PO Box 4700, Farmington, NM 87499**

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

10. Field and Pool or Exploratory Area  
**Basin Dakota / Blanco Mesaverde**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface Unit K (NESW), 1840' FSL & 1850' FWL, Sec. 21, T27N, R07W**

11. Country or Parish, State  
**Rio Arriba, 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 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 and procedure. A DHC application will be filed and approved before work proceeds.

OIL CONS. DIV DIST. 3

JAN 24 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 **1/19/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*William Tambekou*

Title **Petroleum Engineer**

Date **1/23/2018**

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)

NMOCDFY

## **San Juan 28-7 Unit #152**

Sec 21-27N-7W-K

API# 30-039-20434

Mesa Verde Uphole Recomplete

1/18/2018

### **Procedure:**

1. MIRU Service rig and associated equipment, test BOP.
2. TOOH w/ 2 3/8" tubing set at 7,468'.
3. Run gauge ring and set 4.5" bridge plug to isolate the Dakota.
4. Load the hole and pressure test to frac pressure.
5. ND BOP, NU frac stack and test frac stack to frac pressure.
6. Perforate and frac the Mesaverde, isolating frac stages w/ frac plugs.
7. TIH w/ mill and drill out Mesaverde frac plugs.
8. Clean out to Dakota isolation plug and when water and sand rates are acceptable, flow test the Mesaverde.
9. Drill out Dakota isolation plug and cleanout to PBTD of 7,530'. TOOH.
10. TIH and land production tubing. Get a commingled Dakota/Mesaverde flow rate.
11. Release service rig and turn well over to production.

**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 247372

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-20434	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318432	5. Property Name SAN JUAN 28 7 UNIT	6. Well No. 152
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6551

**10. Surface Location**

UL - Lot K	Section 21	Township 27N	Range 07W	Lot Idn	Feet From 1840	N/S Line S	Feet From 1850	E/W Line W	County RIO ARRIBA
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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 W/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>
	<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>Christine Brock</i> Title: Operations/Regulatory Tech - Sr. Date: 1/19/18</p>
	<b>SURVEYOR CERTIFICATION</b>
	<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: David Kilven Date of Survey: 4/9/1970 Certificate Number: 1760</p>

Well Name: SAN JUAN 28-7 UNIT #152

API / UWI 3003920434	Surface Legal Location 021-027N-007W-K	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 6,564.00	KB-Tubing Hanger Distance (ft) 13.00	Original Spud Date 10/26/1971 00:00	Rig Release Date 11/13/1971 00:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

<b>Most Recent Job</b>				
Job Category	Primary Job Type SLICKLINE	Secondary Job Type	Actual Start Date 7/10/2000	End Date

TD: 7,544.0 Vertical, Original Hole, 1/18/2018 4:35:49 PM

