

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-039-23223
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name San Juan 30-5 Unit
8. Well Number 103
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6409' GR

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Hilcorp Energy Company

3. Address of Operator  
PO Box 4700, Farmington NM 87499

4. Well Location  
Unit Letter M : 1090 feet from the South line and 920 feet from the West line  
 Section 03 Township 30N Range 5W NMPM Rio Arriba County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>		OTHER: <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/> Recomplete			

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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 C102, recomplete procedure & wellbore schematic. The DHC application will be submitted and approved before the work proceeds.

*# Submit CBL for review and approval prior to perforating.*

OIL CONS. DIV DIST. 3  
~~FEB 07 2018~~

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Etta Trujillo* TITLE Operations/Regulatory Technician - Sr. DATE 2/07/2018

Type or print name Etta Trujillo E-mail address: ettrujillo@hilcorp.com PHONE: 505-324-5161

**For State Use Only**

APPROVED BY: *Bob Bell* TITLE Deputy Oil & Gas Inspector, District #3 DATE 2/7/18  
 Conditions of Approval (if any): AV

*u*

**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 248007

**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 30-039-23223	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318433	5. Property Name SAN JUAN 30 5 UNIT	6. Well No. 103
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6409

**10. Surface Location**

UL - Lot M	Section 3	Township 30N	Range 05W	Lot Idn	Feet From 1090	N/S Line S	Feet From 920	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 318.84 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**


**OPERATOR CERTIFICATION**

*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.*

E-Signed By: *Etta Trujillo*  
Title: Operations/Regulatory Tech Sr  
Date: 02/07/2018

**SURVEYOR CERTIFICATION**

*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.*

Surveyed By: Fred B. Kerr Jr.  
Date of Survey: 5/9/1983  
Certificate Number: 3950



HILCORP ENERGY COMPANY  
San Juan 30-5 Unit 103  
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with **2 3/8"** tubing set at **7,810'**.
3. Set a **4-1/2"** cast iron bridge plug at +/- **5,925'** to isolate the **Dakota**. Note: TOC at **2,600'** by **Temp Survey**.
4. Run a CBL from the CIBP to surface, confirm cement top.
5. Load the hole and pressure test the casing to frac pressure.
6. N/D BOP, N/U frac stack and test frac stack to frac pressure.
7. Perforate and frac the **Mesa Verde** in two or three stages (Top Perforation @ **5,100'**; Bottom Perforation @ **5,750'**).
8. Isolate frac stages with a composite bridge plug.
9. Nipple down frac stack, nipple up BOP and test.
10. TIH with a mill and drill out top isolation plug and **Mesa Verde** frac plugs.
11. Clean out to **Dakota** isolation plug and, when water and sand rates are acceptable, flow test the **Mesa Verde**.
12. Drill out **Dakota** isolation plug and cleanout to PBTD of **7,875'**. TOOH.
13. TIH and land production tubing. Get a commingled **Dakota/Mesa Verde** flow rate.



**HILCORP ENERGY COMPANY**  
**San Juan 30-5 Unit 103**  
**MESA VERDE RECOMPLETION SUNDRY**

**San Juan 30-5 Unit 103 - CURRENT WELLBORE SCHEMATIC**



**Current Schematic - Version 3**

**Well Name: SAN JUAN 30-5 UNIT #103**

API / UWI 3003923223	Surface Legal Location 003-030N-005W-M	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,409.00	Original KB-RT Elevation (ft) 6,422.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

**Vertical, Original Hole, 2/2/2018 7:32:33 AM**

