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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 12 2019

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

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No. **NMSF079391**  
6. 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

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

8. Well Name and No.  
**San Juan 27-5 Unit 86**

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

9. API Well No.  
**30-039-07114**

3a. Address  
**382 Road 3100, Aztec, NM 87410**

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface Unit M (SWSW) 1190' FSL & 550' FWL, Sec. 9, T27N, R05W**

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 with the existing Dakota. Attached is the MV C102, recomplete procedure & wellbore schematic. The DHC application will be submitted and approved prior to commingling. A closed loop system will be utilized. Interim reclamation will be performed after surface disturbing activities.**

Notify NMOCD 24 hrs  
prior to beginning  
operations

HOLD C104 FOR Density exception

**SUBMIT CBL TO THE  
AGENCIES FOR REVIEW AND  
APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Tammy Jones</b>	Title <b>Operations/Regulatory Technician - Sr.</b>
Signature <i>Tammy Jones</i>	Date <b>3/11/2019</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Dave Mankiewicz DM</i>	Title <i>APM</i>	Date <i>4/5/19</i>
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 <i>FFO</i>	

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 *AV*

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**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 264695

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-07114	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318920	5. Property Name SAN JUAN 27 5 UNIT	6. Well No. 086
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6727

**10. Surface Location**

UL - Lot M	Section 9	Township 27N	Range 05W	Lot Idn	Feet From 1190	N/S Line S	Feet From 550	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	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: *Tammy Jones*  
Title: Operations/Regulatory Technician - Sr.  
Date: 3/11/2019

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**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: David O. Kilven  
Date of Survey: 7/9/1962  
Certificate Number: 1760



HILCORP ENERGY COMPANY  
SAN JUAN 27-5 UNIT 86  
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with 2-3/8" tubing set at 7,915'.
3. Set a 4-1/2" plug at +/- 7,683' to isolate the **Dakota**.
4. Load the hole and perform MIT (Pressure test to 560 psi).
5. RU Wireline. Run CBL. Record Top of Cement.
6. **IF NECESSARY** (Based on the results of the CBL top of cement) - Perform Cement Squeeze Work
7. Set a 4-1/2" plug at +/- 6,150'.
8. Load the hole and pressure test the casing.
9. N/D BOP, N/U frac stack and pressure test frac stack.
10. Perforate and frac the **Mesaverde** formation (Top Perforation @ 5,100'; Bottom Perforation @ 6,100').
11. Isolate frac stages with a plug.
12. Nipple down frac stack, nipple up BOP and test.
13. TIH with a mill and drill out top isolation plug and **Mesaverde** frac plugs.
14. Clean out to **Dakota** isolation plug.
15. Drill out **Dakota** isolation plug and cleanout to PBTD of 7,940'. TOOH.
16. TIH and land production tubing. Get a commingled **Dakota/Mesaverde** flow rate.

**Well Name: SAN JUAN 27-5 UNIT #86**

API / UWI 3003907114	Surface Legal Location 009-027N-005W-M	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1312	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,727.00	Original KB/RT Elevation (ft) 6,737.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

**VERTICAL, Original Hole, 3/11/2019 9:05:25 AM**

