

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMSF079290A

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.  
891000459B1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
SAN JUAN 28-7 UNIT 1862. Name of Operator  
HILCORP ENERGY COMPANYContact: CHRISTINE L BROCK  
E-Mail: cbrock@hilcorp.com9. API Well No.  
30-039-20644-00-S13a. Address  
1111 TRAVIS STREET  
HOUSTON, TX 770023b. Phone No. (include area code)  
Ph: 505-324-515510. Field and Pool or Exploratory Area  
BASIN DAKOTA

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

Sec 13 T28N R7W NESW 1600FSL 1500FWL  
36.658218 N Lat, 107.528122 W Lon

11. County or Parish, State

RIO ARRIBA 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 recomple 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 recomple the subject well in the Mesaverde formation and downhole commingle with the existing Dakota. Attached is the MV C102, recomple procedure & wellbore schematic. The DHC application will be submitted and approved prior to commingling. A closed loop system will be utilized. The Pre-Disturbance Site Visit was held on 8/5/19 with Bob Switzer/BLM. The reclamation plan is attached.

Notify NMOCD 24 hrs  
prior to beginning  
operationsNMOCD  
SEP 27 2019  
DISTRICT III

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

**Electronic Submission #477059 verified by the BLM Well Information System  
For HILCORP ENERGY COMPANY, sent to the Farmington  
Committed to AFMSS for processing by ALBERTA WETHINGTON on 08/12/2019 (19AMW0556SE)**

Name (Printed/Typed) CHRISTINE L BROCK

Title OPERATION/REGULATORY TECH

Signature (Electronic Submission)

Date 08/07/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By JOE KILLINSTitle ENGINEERDate 09/26/2019

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 Farmington

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 \*\***

**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 270323

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-20644	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. 186
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6677

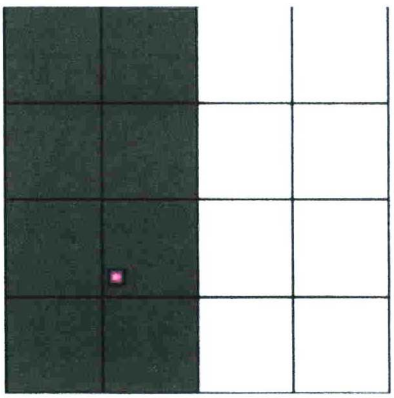
**10. Surface Location**

UL - Lot K	Section 13	Township 28N	Range 07W	Lot Idn	Feet From 1600	N/S Line S	Feet From 1500	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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <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>Lehristine Buck</i>  Title: Operation/Regulatory Tech Sr.  Date: 7/25/2019</p> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <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 O. Kilven  Date of Survey: 4/4/1973  Certificate Number: 1760</p>
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**HILCORP ENERGY COMPANY**  
**SJ 28-7 UNIT #186**  
**MESAVERDE PROCEDURE**

API #: 30-039-20644

**JOB PROCEDURES**

1. MIRU Service rig and associated equipment, test BOP. Check Bradenhead pressures daily and record throughout the recompleting project. Notify NMOCD and BLM if any anomalous pressure changes occur on the Bradenhead.
2. TOOH w/ 2 3/8" tubing set at 7,680'.
3. MU 4.5" CIBP and set at ~7,620' or deeper (no higher than 50' above existing perforations, which are currently located at 7,670').
4. There is no CBL on file, so we will run one. Roll hole. RU E-line truck and equipment, MU CBL tools and RIH. Log well with a CBL from the CIBP to Surface. Submit CBL results to NMOCD and BLM. Confirm if found cement top gives adequate coverage of newly requested perforations with BLM and NMOCD. Remediate cement top if necessary to get adequate cement coverage. If remedial cement is required, keep in communication with BLM and NMOCD regarding pressure testing and path forward until coverage is accepted by both.
  - a. On file, there is a Temperature Survey showing TOC at ~3,260', we will confirm with a CBL
5. Perform MIT down casing to CBP to ~7,620', providing 24 hr notice to BLM and NMOCD. Once completed, review and submit the MIT charted test results to both the NMOCD and BLM. If the MIT fails, discuss and gain approval with both the NMOCD and BLM with a plan of action to remediate the wellbore. Perform a 2nd MIT once remediated.
6. Once passed and all approvals are in. Set secondary isolation plug at no deeper than 6,110'. ND BOP, NU frac stack. PT frac stack and casing to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string (casing).
7. Perforate Mesaverde zone from 5,092'-6,110' (This is requested interval). Well is ready to frac.
8. Frac Mesaverde formation from 5,092'-6,110' (This is requested interval).
9. Set isolation plug above top perf.
10. ND the frac stack, NU the BOP and test.
11. TIH with a mill. Tag and drill out the isolation plugs. Clean out to PBTD of 7,928'.
12. Once water and sand rates are acceptable. TOOH.
13. TIH and land production tubing. Get a commingled Dakota/MV flow rate.



Hillcorp Energy Company

## Schematic - Current

Well Name: SAN JUAN 28-7 UNIT 186

API Well 3003920644	Surface Log Location 013-028N-007WK	Field Name DK	License No	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KBW Elevation ft 5,688.00	Original Surface Elevation ft 11.30	Original Spud Date 6/21/1973 00:00	Original Release Date 7/8/1973 00:00	Original Hole 7,928.0	Original Depth 7,928.0

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date 9/21/1999	End Date 9/25/1999
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TD: 7,937.0

Vertical, Original Hole, 7/24/2019 4:21:18 PM

