

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. San Juan 28-7 Unit
2. Name of Operator Hilcorp Energy Company		8. Well Name and No. San Juan 28-7 Unit 158
3a. Address 382 Road 3100, Aztec, NM 87410	3b. Phone No. (include area code) 505-599-3400	9. API Well No. 30-039-20381
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit B (NWNE) 1190' FNL & 1450' FEL, Sec. 23, T28N, R07W		10. Field and Pool or Exploratory Area Blanco Mesaverde/Basin Dakota
		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 recomplate 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 recomplate 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 recomplate the subject well in the Mesaverde formation and downhole commingle with the existing Dakota. Attached is the MV C102, recomplate 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

NMOCD

HOLD C102 FOR Density exception

MAY 15 2019

DISTRICT III

CBL will be required across working interval to Top.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Christine Brock		Title Operations/Regulatory Technician - Sr.
Signature <i>Christine Brock</i>		Date <i>4/15/19</i>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title <i>Petr. Eng.</i>	Date <i>5/14/19</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>BLM-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.

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 266066

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-20381	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. 158
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6711

10. Surface Location

UL - Lot B	Section 23	Township 28N	Range 07W	Lot Idn	Feet From 1190	N/S Line N	Feet From 1450	E/W Line E	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 E/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>OPERATOR CERTIFICATION</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>Lehistine Brock</i> Title: Operation/Regulatory Tech Sr. Date: 4/11/2019</p>
	<p>SURVEYOR CERTIFICATION</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: 4/15/1971 Certificate Number: 1760</p>



HILCORP ENERGY COMPANY
SAN JUAN 28-7 UNIT 158
MESA VERDE RECOMPLETION SUNDRY

API #: 30-039-20381

JOB PROCEDURES

1. MIRU Service rig and associated equipment, test BOP. Check Bradenhead pressures daily and record throughout the recomplete project. Notify NMOCD and BLM if any anomalous pressures changes occur on the Bradenhead.
2. TOO H w/ 2 3/8" tubing set at 7822'.
3. Set initial CIBP at 7628' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, 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.
5. *Note: 6/19/1971 B. & R. Temperature Survey, anticipated TOC at 4390'.*
6. Optionally set bridge plug below intended recomplete interval.
7. ND BOP, NU frac stack. Pressure test the production casing or frac string and frac stack to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string.
8. Perforate and frac the **Mesa Verde** within 5070'-6100'.
9. Optionally set a kill plug above recomplete interval for casing fracs.
10. ND the frac stack, NU the BOP and test.
11. MU and TIH with a mill. Tag and drill out the top isolation plug and **Mesa Verde** frac plugs if applicable.
12. Clean out the wellbore to the top of the **Dakota** isolation plug.
13. Once water and sand rates are acceptable, drill out the **Dakota** isolation plug and cleanout to PBTD of 7943'. TOO H.
14. TIH and land production tubing. Get a commingled **Dakota/MV** flow rate.

Well Name: SAN JUAN 28.7 UNIT 158

API Well 3003920381	Surface Legal Location 023-028N-007W-B	Field Name DK	Route 1007	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation, ft 6,711.00	Original HKB#1 Elevation, ft 6,724.00	HKB Ground Distance, ft 13.00	HKB-Casing Flange Distance, ft 13.00	HKB-Tubing Hanger Distance, ft 13.00	

Vertical Original Hole: 5/7/2019 9:43:32 AM

