

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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		5. Lease Serial No. <b>NMSF-078640</b>
2. Name of Operator <b>Hilcorp Energy Company</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>PO Box 4700, Farmington, NM 87499</b>		7. If Unit of CA/Agreement, Name and/or No. <b>San Juan 28-7 Unit</b>
3b. Phone No. (include area code) <b>505-599-3400</b>		8. Well Name and No. <b>San Juan 28-7 Unit 154F</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface Unit P (SESE) 842'FSL &amp; 1205' FEL, Sec. 17, T27N, R07W</b> <b>Bottomhole Unit O (SWSE) 1315'FSL &amp; 2055' FEL, Sec. 17, T27N, R07W</b>		9. API Well No. <b>30-039-31145</b>
		10. Field and Pool or Exploratory Area <b>Basin DK / Basin MC / Blanco MV</b>
		11. Country or Parish, State <b>Rio Arriba, New Mexico</b>

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 recompleate 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 recompleation 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 is amending the notice of intent to include the Mancos.

Plans are to recompleate the subject well in the Mesaverde and Mancos formations and downhole trimmingle the existing Dakota with the Mesaverde and Mancos. Attached is the MV/MC plats and procedure. A DHC application will be filed and approved prior to trimmingle. A Closed Loop system will be utilized.

NMOCD

MAR 05 2018

DISTRICT III

Notify NMOCD 24 hrs  
prior to beginning  
operations

**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) <b>Kandis Roland</b>		Title <b>Operations/Regulatory Technician - Sr.</b>
Signature <i>Kandis Roland</i>		Date <i>2/28/18</i>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>William Tambekou</i>	Title <i>Petroleum Engineer</i>	Date <i>3/1/2018</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.

NMOCD

District I1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720District II811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720District III1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170District IV1220 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

Permit 248268

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-31145	2. Pool Code 97232	3. Pool Name BASIN MANCOS
4. Property Code 318432	5. Property Name SAN JUAN 28 7 UNIT	6. Well No. 154F
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6597

**10. Surface Location**

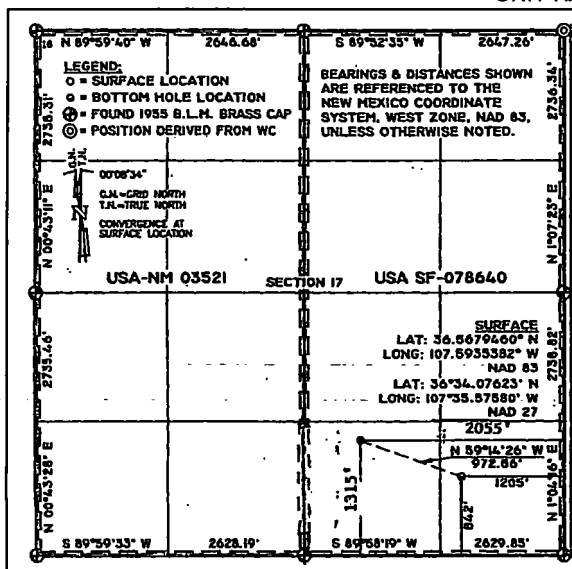
UL - Lot P	Section 17	Township 27N	Range 07W	Lot Idn	Feet From 842	N/S Line S	Feet From 1205	E/W Line E	County SAN JUAN
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**11. Bottom Hole Location If Different From Surface**

UL - Lot O	Section 17	Township 27N	Range 07W	Lot Idn	Feet From 1315	N/S Line S	Feet From 2055	E/W Line E	County SAN JUAN
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12. Dedicated Acres 320.00 E/2	13. Joint or Infill	14. Consolidation Code	15. Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NONSTANDARD 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:

*Kandis Rland*  
Operations/Regulatory Technician

Title:

Date:

2/28/18

**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:

Marshall Linden

Date of Survey:

5/9/2012

Certificate Number:

17078

**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 248268

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-31145	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. 154F
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6597

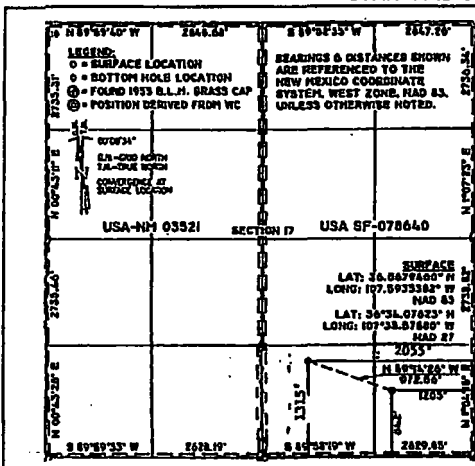
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12. Dedicated Acres 320.00 E/2	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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E-Signed By: *Christine Brock*  
 Title: Operations/Regulatory Tech - Sr.  
 Date: 2/9/2018

**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: Marshall Linden  
 Date of Survey: 5/9/2012  
 Certificate Number: 17078

## **San Juan 28-7 Unit #154F**

Sec 17-27N-7W-P

API# 300-393-1145

Mesa Verde Uphole Recomplete

2/8/2018

### **Procedure:**

1. MIRU Service rig and associated equipment, test BOP.
2. TOOH w/ 2 3/8" tubing set at 7,595'.
3. Run gauge ring and set 4.5" bridge plug to isolate the Dakota.
4. Load the hole with KCl fluid and pressure test to DFIT pressure (Note TOC at 3830' as per CBL run on 4-4-2013)
5. RDMO Service rig and associated equipment
6. NU 10K frac stack and test to DFIT pressure
7. RU EL w/ 10K lubricator & RIH & perforate the Mancos (Proposed top at 6,484; bottom at 6,911)
8. RIH w/ RBP and pressure gauge & hold in unset position above Mancos Perforation
9. RU pump truck with transducer and flowmeter and perform DFIT on Mancos (pump into Mancos with KCl fluid at approximately 4-6 bpm up to approximately 40 bbls. No sand or other proppant will be pumped)
10. Shut down pump truck
11. Set RBP and pressure gauge above Mancos Perforation
12. POOH & RD EL
13. Secure wellhead without bleeding off any pressure
14. Leave well SI and monitor pressure
15. RDMO Pump truck & EL

16. MIRU WL

17. RIH & retrieve RBP and pressure gauge

18. Run gauge ring and set 4.5" bridge plug to isolate the Mancos.

19. Load the hole and pressure test to frac pressure.

20. Perforate and frac the Mesaverde, isolating frac stages w/ frac plugs. (Proposed top perf at 4,840', proposed bottom perf at 5,800')

21. TIH w/ mill and drill out Mesaverde frac plugs.

22. Clean out to Mancos isolation plug and when water and sand rates are acceptable, flow test the Mesaverde.

23. Drill out Mancos and Dakota isolation plugs and cleanout to PBTD of 7,708'. TOOH.

24. TIH and land production tubing. Get a trimmingleed Dakota/Mancos/Mesaverde flow rate.

25. Release service rig and turn well over to production.



## Schematic - Current

Well Name: SAN JUAN 28-7 UNIT #154F

API / UWI 3003931145	Surface Legal Location 017-027N-007W-P	Field Name BASIN DAKOTA	License No.	State/Province NEW MEXICO	Well Configuration Type DEVIATED
Original KB/RT Elevation (ft) 6,612.00	KB-Tubing Hanger Distance (ft)	Original Spud Date 3/8/2013 08:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 7,708.0	Total Depth All (TVD) (ftKB)

### Most Recent Job

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type INITIAL COMPLETION	Actual Start Date 4/4/2013	End Date 4/24/2013
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TD: 7,735.0

DEVIATED, Original Hole, 2/1/2018 1:12:17 PM

