

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

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		WELL API NO. 30-045-11070
2. Name of Operator HILCORP ENERGY COMPANY		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 382 Road 3100, Aztec, NM 87410		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>G</u> <u>1650</u> feet from the <u>North</u> line and <u>1500</u> feet from the <u>East</u> line Section <u>02</u> Township <u>31N</u> Range <u>10W</u> NMPM San Juan County		7. Lease Name or Unit Agreement Name SAN JUAN 32-9 UNIT
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6321'		8. Well Number 25
9. OGRID Number 372171		10. Pool name or Wildcat Blanco Pictured Cliffs/Blanco Mesaverde

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> DOWNHOLE COMMINGLE <input checked="" type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> RECOMPLETION	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> MULTIPLE COMPL. <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> P AND A <input type="checkbox"/>
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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 requests permission to recomplete the subject well in the Pictured Cliffs and downhole commingle with the existing Mesaverde. Attached is the procedure, wellbore diagram, plat, and gas capture plan. A DHC application will be filed and approved prior to commingling. A closed loop system will be used.

# Monitor Int. casing valve during completion and report any significant increases immediately

Notify NMOCD 24 hrs prior to beginning operations

**NMOCD**  
**AUG 09 2019**  
**DISTRICT III**

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 Priscilla Shorty TITLE Operations Regulatory Technician Sr. DATE 8/7/2019

Type or print name Priscilla Shorty E-mail address: pshorty@hilcorp.com PHONE: 505-324-5188

APPROVED BY: Bob Bell TITLE SUPERVISOR DISTRICT #3 DATE 9/6/19  
 Conditions of Approval (if any): AV

**District I**

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**District IV**

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Energy, Minerals and Natural  
Resources  
Oil Conservation Division  
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Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-11070	2. Pool Code 72359	3. Pool Name BLANCO PICTURED CLIFFS (GAS)
4. Property Code 318718	5. Property Name SAN JUAN 32 9 UNIT	6. Well No. 025
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6321

**10. Surface Location**

UL - Lot G	Section 2	Township 31N	Range 10W	Lot Idn	Feet From 1650	N/S Line N	Feet From 1500	E/W Line E	County SAN JUAN
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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 160.78	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**

	<b>OPERATOR CERTIFICATION</b>	
	<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>Priscilla Shorty</i> Title: Operations Regulatory Tech - Sr. Date: 8/6/2019</p>	
	<b>SURVEYOR CERTIFICATION</b>	
<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: C.O. Walker Date of Survey: 8/9/1955 Certificate Number: 1007</p>		



HILCORP ENERGY COMPANY  
SAN JUAN 32-9 UNIT 25  
FRUITLAND COAL RECOMPLETION SUNDRY

API #: 3004511070

JOB PROCEDURES

- NMOCD **Contact** OCD 24 hrs prior to MIRU. Record and document all casing pressures daily, including BH, IC (if present) and PC. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
- BLM

1. MIRU service rig and associated equipment; NU and test BOP.
2. TOOH with insert pump and rodstring. TOOH with **2-3/8"** tubing set at **5,410'**.
3. PU a **5-1/2"** cast iron bridge plug and RIH with work string; set CIBP at +/- **5,010'** to isolate the Mesa Verde formation.
4. Load wellbore with fluid. RU pressure test truck. Perform a Mechanical Integrity Test on wellbore. Chart record the MIT test (Notify NMOCD +24hr before actual test). Review and submit the MIT test results to the NMOCD. If the MIT fails, discuss with both the NMOCD on a plan of action to remediate the wellbore. Perform 2nd MIT once remediated.
5. Top-off wellbore with fluid and run a CBL from the CIBP to surface. TOC estimated at **3,558'**, top perf at **3,148'**. Squeeze work likely.
6. If squeeze work is required based on CBL, perforate the 5-1/2" casing above the TOC and attempt to circulate fluid to surface. If circulation is possible, rig up cementers and squeeze cement in 7" x 5-1/2" annulus until good cement returns are realized at surface.
7. If circulation to surface is not possible, come up hole and perforate 5-1/2" casing at +/- **2,850'**. Rig-up cementers and perform a suicide squeeze across the Pictured Cliffs interval and above. If a suicide squeeze is performed, drill out cement and perform a second CBL to confirm TOC and adequate cement coverage (minimum 200' above top proposed perforation).
8. PU and RIH with a second CIBP and set at +/- **3325'** to provide a base for the frac.
9. RU E-line crew. Perforate the Pictured Cliffs. (Top perforation @ 3,148', Bottom perforation @ 3,280').
10. RIH with 2-7/8" or larger frac string and packer, land packer at +/- **3100'**. PT frac string to 9000#, PT backside to 300#.
11. N/D BOP, N/U frac stack and test frac stack to frac pressure. RDMO service rig.
12. RU stimulation crew. Frac the **Pictured Cliffs** in one or two stages. (Top perforation @ 3,148', Bottom perforation @ 3,280').
13. Flowback well until pressures diminish.
14. MIRU service rig. Nipple down frac stack, nipple up BOP and test.
15. POOH w/ frac string and packer.
16. Clean out to the top of the first isolation plug. When water and sand rates are acceptable, drill out the plug.
17. Clean out to the top of the Mesa Verde isolation plug. When water and sand rates are acceptable, drill out the plug.
18. Clean out the wellbore to top of the existing fish at **5,480'**, TOOH.
19. TIH and land 2-3/8" production tubing. Run new insert pump and rodstring. Get a commingled **Pictured Cliffs/Mesa Verde** flow rate.

All formation tops have been reviewed by Hilcorp Energy for the San Juan 32-9 Unit 25. The proposed formation tops agree with those shown on the NMOCD website.



**HILCORP ENERGY COMPANY**  
**SAN JUAN 32-9 UNIT 25**  
**FRUITLAND COAL RECOMPLETION SUNDRY**

**SAN JUAN 32-9 UNIT 25 - CURRENT WELLBORE SCHEMATIC**



**Current Schematic**

**Well Name: SAN JUAN 32-9 UNIT #25**

API UWI 3004511070	Surface Log# Location 002-031N-010W-G	Field Name BLANCO MV (PRO #0078)	Route 0403	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,321.00	Original KB-RT Elevation (ft) 6,331.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole, 8/5/2019 1:47:52 PM

