

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. 30-045-10710
2. Name of Operator HILCORP ENERGY COMPANY		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 382 Road 3100, Aztec, NM 87410		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>L</u> : <u>1650'</u> feet from the <u>SOUTH</u> line and <u>990'</u> feet from the <u>WEST</u> line Section <u>14</u> Township <u>31N</u> Range <u>10W</u> NMPM County <u>SAN JUAN</u>		7. Lease Name or Unit Agreement Name San Juan 32-9 Unit
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6247' GL		8. Well Number 22
9. OGRID Number 372171		10. Pool name or Wildcat Blanco Pictured Cliffs

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>		OTHER: <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/>	RECOMPLETE		

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 Blanco Pictured Cliffs and downhole commingle with the existing Mesaverde. Please see the attached procedure, wellbore diagram, plat and GCP. A closed loop system will be used.

NMOCD

AUG 14 2019

Notify NMOCD 24 hrs prior to beginning operations

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 *Amanda Walker* TITLE Operations/Regulatory Technician – Sr. DATE 8/9/2019

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (505)324-5122

For State Use Only

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

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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**

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-10710	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. 022
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6247

10. Surface Location

UL - Lot L	Section 14	Township 31N	Range 10W	Lot Idn	Feet From 1650	N/S Line S	Feet From 990	E/W Line W	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 160.51	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	
	<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>Amanda Walker</i> Title: Operation / Regulatory Tech. Sr. Date: 8/9/2019</p>	
	SURVEYOR CERTIFICATION	
<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: 2/5/1953 Certificate Number: 1007</p>		



HILCORP ENERGY COMPANY
SAN JUAN 32-9 UNIT 22
PICTURED CLIFFS RECOMPLETION SUNDRY

API #: 3004510710

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 and HEC safety and environmental regulations.
- BLM
1. MIRU service rig and associated equipment; NU and test BOP.
 2. TOOH with **2 3/8"** tubing set at **4,947'**.
 3. MU a **7"** cast iron bridge plug and RIH with work string; set CIBP at +/- **4,700'** to isolate the Mesa Verde Formation.
 4. Load hole with fluid and TOOH with the work string. MIRU E-line truck. Run a CBL on the 7" casing. Verify cement bond within the Picture Cliffs. Review CBL results with NMOCD.
 5. 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.
 6. PU and RIH with a second CIBP and set at +/- **3,150'** to provide a base for the frac.
 7. RU E-line crew. Perforation the Pictured Cliffs formation. (Top perforation @ 3,017', Bottom perforation @ 3,131') RD E-line.
 8. RIH with 2-7/8" frac string and packer, land packer at +/- **2,975'**.
 9. N/D BOP, N/U frac stack and pressure test the frac string & frac stack to 9000#, pressure test the frac string backside to 300#. RDMO service rig.
 10. RU stimulation crew and equipment. Frac the **Pictured Cliffs** in one or two stages. RD stimulation crew and equipment.
 11. RU flowback equipment and flow back the well until pressures diminish.
 12. MIRU service rig. Nipple down frac stack, nipple up BOP and test.
 13. POOH w/ 2-7/8" frac string and packer.
 14. Clean out to the top of the first isolation plug. When water and sand rates are acceptable, drill out the plug.
 15. Clean out to the top of the Mesa Verde isolation plug. When water and sand rates are acceptable, drill out the plug.
 16. Clean out the wellbore to top of the existing fish at **5,117'**, TOOH.
 17. 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 22. The formation top adjustments are as follows: Point Lookout at new 5,224', Lewis at 3,131'.



HILCORP ENERGY COMPANY
SAN JUAN 32-9 UNIT 22
PICTURED CLIFFS RECOMPLETION SUNDRY

SAN JUAN 32-9 UNIT 22 - CURRENT WELLBORE SCHEMATIC



Schematic - Current

Well Name: SAN JUAN 32-9 UNIT #22

API / UWI 3004510710	Surface Legal Location 014-031N-010W-L	Field Name BLANCO MESA VERDE (PROBATED ONE)	License No.	State/Province NEW MEXICO	Well Configuration Type
Original KB RT Elevation (ft) 6,257.00	KB-Ground Distance (ft) 10.00	Original Spud Date 12/8/1953 00:00	Rig Release Date 9/29/2005 19:00	PSTD (Alt) (ftKB) Original Hole - 5,433.0	Total Depth Alt (TVD) (ftKB)

Most Recent Job

Job Category WELL INTERVENTION	Primary Job Type TUBING REPAIR	Secondary Job Type	Actual Start Date 10/24/2008	End Date 11/18/2008
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TD: 5,433.0 Original Hole, 8/9/2019 11:12:24 AM

