

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.)		WELL API NO. 30-045-10710
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator HILCORP ENERGY COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name San Juan 32-9 Unit
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>		8. Well Number 22
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6247' GL		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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☒ RECOMPLETE

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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

District I1625 N. French Dr., Hobbs, NM 88240
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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

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

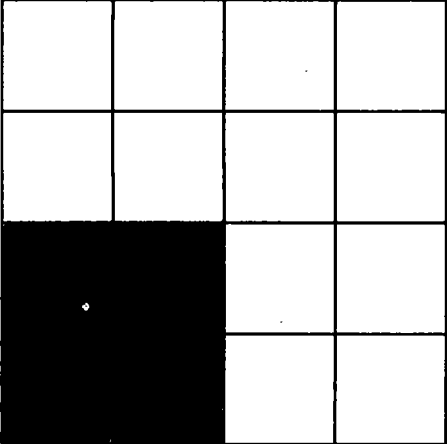
10. Surface Location

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	
	<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>	
	E-Signed By: <i>Amanda Walker</i> Title: Operation / Regulatory Tech. Sr. Date: 8/9/2019	
	SURVEYOR CERTIFICATION	
<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>		
Surveyed By: C O WALKER Date of Survey: 2/5/1953 Certificate Number: 1007		



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

