

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. 30-045-34025
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. E-3374
4. Well Location Unit Letter <u>L</u> <u>2110</u> feet from the <u>South</u> line and <u>855</u> feet from the <u>West</u> line Section <u>36</u> Township <u>32N</u> Range <u>11W</u> NMPM <u>San Juan</u> County		7. Lease Name or Unit Agreement Name STATE COM M
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6329'		8. Well Number 10
9. OGRID Number 372171		10. Pool name or Wildcat Blanco Pictured Cliffs/ Blanco Mesaverde/Basin Dakota

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 checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/> RECOMPLETION			

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 trimingle with the existing Dakota and Mesaverde. Attached is the procedure, wellbore diagram, plat, and gas capture plan. A DHC application will be filed and approved prior to trimingling. A closed loop system will be used.

HOLD C104 FOR DHC
* Cement behind prod. csg not adequate for isolation. Submit a remediation plan

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 7/11/2019

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

For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 7-24-19

Conditions of Approval (if any): * see above RV

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 269315

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-34025	2. Pool Code 72359	3. Pool Name BLANCO PICTURED CLIFFS (GAS)
4. Property Code 319095	5. Property Name STATE COM M	6. Well No. 010
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6329

10. Surface Location

UL - Lot L	Section 36	Township 32N	Range 11W	Lot Idn	Feet From 2110	N/S Line S	Feet From 855	E/W Line W	County SAN JUAN
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	--------------------

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 160.00	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 style="text-align: center;">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>Priscilla Shorty</i> Title: Operations Regulatory Technician - Sr. Date: 7/2/2019</p>		
	<p style="text-align: center;">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 Russell Date of Survey: 8/9/2006 Certificate Number: 10201</p>		



HILCORP ENERGY COMPANY
STATE COM M 10
PICTURED CLIFFS RECOMPLETION SUNDRY

API #: 3004534025

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 **7,557'**.
3. MU a **4-1/2"** cast iron bridge plug and RIH with work string; set CIBP at +/- **4,770'** to isolate the Mesa Verde Formation (set 50' above top perforation). Pressure test the CIBP with a packer to verify correct installation. (DHC-3956-AZ)
4. RU pressure test truck. Load the wellbore full of fluid. 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 the NMOCD on a plan of action to remediate the wellbore. Perform 2nd MIT once remediated.
5. Pressure test production casing to frac pressure. The pressure test will not exceed **83.5%** (4-1/2" J-55 10.5#) of the internal yield strength of the casing(s).

4-1/2" csg- 11.6# L-80: 15' to 915'
4-1/2" csg- 10.5# J-55: 915' to 7542'
4-1/2" csg- 11.6# L-80: 7542' to 7671'

6. N/D BOP, N/U frac stack and test frac stack to frac pressure. RDMO service rig.
7. RU E-line and stimulation crews. Perforate and frac the **Pictured Cliffs** in one or two stages. (Top perforation @ 3,067', Bottom perforation @ 3,180')
8. Isolate frac stages with a composite bridge plug and set top isolation plug once frac is completed. RD E-line and stimulation crews.
9. MIRU service rig. Nipple down frac stack, nipple up BOP and test.
10. TIH with a mill and drill out top isolation plug and Pictured Cliffs frac plugs.
11. Clean out to Mesa Verde isolation plug and, when water and sand rates are acceptable, drill out the plug.
12. Cleanout the wellbore to PBTD of **7,670'**. TOOH.
13. TIH and land production tubing. Get a trimingled **Dakota/Mesa Verde/Pictured Cliffs** flow rate.

All formation tops for the State Com M 10 have been reviewed by Hilcorp Energy. The tops are as follows: Fruitland Coal @ 1502', Pictured Cliffs @ 3067', Cliffhouse @ 3478', Menefee @ 3583', Point Lookout @ 4273', Mancos @ 4645', Dakota @ 6425'.



HILCORP ENERGY COMPANY
STATE COM M 10
PICTURED CLIFFS RECOMPLETION SUNDRY

STATE COM M 10 - CURRENT WELLBORE SCHEMATIC



Schematic - Current

Well Name: STATE COM M #10

API / UWI 3004534025	Surface Legal Location 036-032N-011W-L	Field Name BASIN DAKOTA	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original KBRT Elevation (ft) 6,344.00	KB-Ground Distance (ft) 15.00	Original Spud Date 9/18/2008 11:15	Rig Release Date	PSTD (Alt) (ftKB) Original Hole - 7,664.0	Total Depth Alt (TVD) (ftKB)

Most Recent Job

Job Category COMPLETIONS	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 7/27/2016	End Date 9/8/2016
-----------------------------	----------------------------------	--------------------	--------------------------------	----------------------

TD: 7,674.0

VERTICAL, Original Hole, 6/27/2019 2:19:25 PM

