

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
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. 30-045-20324
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>E</u> <u>1980</u> feet from the <u>North</u> line and <u>790</u> feet from the <u>West</u> line Section <u>02</u> Township <u>30N</u> Range <u>08W</u> NMPM San Juan County		7. Lease Name or Unit Agreement Name STATE COM AM
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6296'		8. Well Number 37
9. OGRID Number 372171		10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

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

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

**SUBMIT CBL TO THE
 OCO FOR REVIEW AND
 APPROVAL**

Notify NMOCD 24 hrs
 prior to beginning
 operations

**NMOCD
 MAY 24 2018
 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 DATE 5/24/2018

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

For State Use Only

APPROVED BY: Brandon Powell TITLE Data Comp. Manager DATE 5-31-18
 Conditions of Approval (if any): For Brandon Powell

District I
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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 252187

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-20324	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319087	5. Property Name STATE COM AM	6. Well No. 037
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6296

10. Surface Location

UL - Lot E	Section 2	Township 30N	Range 08W	Lot Idn	Feet From 1980	N/S Line N	Feet From 790	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 328.40			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>Priscilla Shorty</i> Title: Operations Regulatory Technician Date: 05/09/2018</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: Stephen Kinney Date of Survey: 7/22/1968 Certificate Number: 803</p>



HILCORP ENERGY COMPANY
STATE COM AM 37
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with 2 3/8" tubing set at 7,774'.
3. TIH with RBP and set at ~7500'. Load hole and run CBL to verify TOC. (TOC calc'd at 3200' per sundry but temp survey shows 5000').
4. If necessary based on CBL, perforate 5" casing above existing TOC and squeeze cement into annulus of 7-5/8" casing to provide at least 500' cement cover over top perforation (minimum TOC @ 4500').
5. Run another CBL to confirm new TOC (unless cement returns to surface are realized).
6. Set a 5" cast iron bridge plug at +/- 5,620' to isolate the Dakota.
7. RIH with 2-7/8" or larger frac string and packer, land upper plug at +/- 5000'.
8. Load the hole through the frac string and pressure test the casing recompleat interval (5000' - 5620') to 4000 psi.
9. N/D BOP, N/U frac stack and test frac stack to frac pressure.
10. Perforate and frac the **Mesa Verde** in a single stage with diversion to maximize effect. (Top Perforation @ 5000'; Bottom Perforation @ 5558').
11. Nipple down frac stack, nipple up BOP and test.
12. TOOH with frac string and packer.
13. Clean out to Dakota isolation plug and, when water and sand rates are acceptable, flow test the Mesa Verde.
14. Drill out Dakota isolation plug and cleanout to PBTD of 7,826'. TOOH.
15. TIH and land production tubing. Get a commingled Dakota/Mesa Verde flow rate.
- 16.
- 17.



HILCORP ENERGY COMPANY
STATE COM AM 37
MESA VERDE RECOMPLETION SUNDRY

STATE COM AM 37 - CURRENT WELLBORE SCHEMATIC



Current Schematic

Well Name: STATE COM AM 37

Surface Legal Location	002-030N-008W-E	Operator	CHANGING	License No.	
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Vertical, Original Hole, 5/16/2018 11:42:34 AM

