

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

<p>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.)</p>		<p>WELL API NO. 30-045-33814</p>
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>
<p>2. Name of Operator HILCORP ENERGY COMPANY</p>		<p>6. State Oil & Gas Lease No. FEE</p>
<p>3. Address of Operator 382 Road 3100, Aztec, NM 87410</p>		<p>7. Lease Name or Unit Agreement Name CULPEPPER MARTIN</p>
<p>4. Well Location Unit Letter <u>P</u> <u>1155</u> feet from the <u>South</u> line and <u>1035</u> feet from the <u>East</u> line Section <u>32</u> Township <u>32N</u> Range <u>12W</u> NMPM San Juan County</p>		<p>8. Well Number 14E</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5937'</p>		<p>9. OGRID Number 372171</p>
		<p>10. Pool name or Wildcat Basin Dakota/BMGAP</p>

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

<p>NOTICE OF INTENTION TO:</p> <p>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"/> INJECTION TESTING</p>		<p>SUBSEQUENT REPORT OF:</p> <p>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"/></p>	
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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 recomplate the subject well in the Mancos and downhole commingle with the existing Dakota. The Mancos will not be produced, it will be temporarily monitored for pressure. 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.

* The DHC must be in place prior to the CIBP being removed above the Dakota.

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 05/24/2018

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

For State Use Only

APPROVED BY: Bob Bell TITLE RB DATE 5-31-18

Conditions of Approval (if any):

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District I

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

Form C-102

August 1, 2011

Permit 252724

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-33814	2. Pool Code 97232	3. Pool Name BASIN MANCOS
4. Property Code 318880	5. Property Name CULPEPPER MARTIN	6. Well No. 014E
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5937

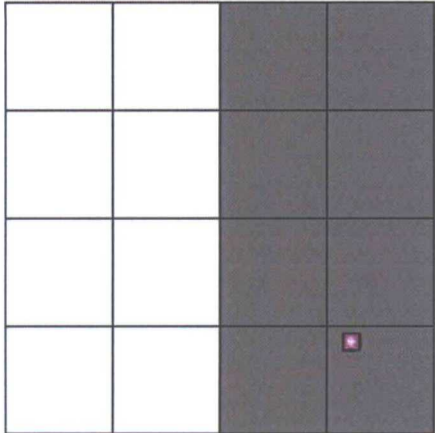
10. Surface Location

UL - Lot P	Section 32	Township 32N	Range 12W	Lot Idn	Feet From 1155	N/S Line S	Feet From 1035	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 320.00	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>Ausilla Shortz</i> Title: Operations Regulatory Technician Date: 05/22/2018</p> <hr/> <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: Glen Russell Date of Survey: 6/1/2006 Certificate Number: 15703</p>
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HILCORP ENERGY COMPANY
CULPEPPER MARTIN 14E
MANCOS DFIT PROCEDURE

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with 2 3/8" tubing set at 6,945'.
3. Set a 4-1/2" cast iron bridge plug at +/- 6,368' to isolate the Dakota.
4. Load the hole with KCL fluid and pressure test to DFIT pressure. Note: TOC at 3,680' by CBL.
5. RU EL & RIH & perforate the Mancos (5,606'-6,303')
6. RIH w/ RBP and pressure gauge & hold in unset position above Mancos Perforation
7. RU pump truck and perform DFIT on Mancos (pump into Mancos with KCl fluid at approximately 4-6 bpm up to approximately 40 bbls)
8. Shut down pump truck
9. Set RBP and pressure gauge above Mancos Perforation.
10. Leave well SI and monitor pressure. RDMO Pump truck & EL
11. Monitor pressures for extended period of time.
12. Return to well to retrieve RBPs, gauges and return well to DK production.



HILCORP ENERGY COMPANY
CULPEPPER MARTIN 14E
MANCOS DFIT PROCEDURE

CULPEPPER MARTIN 14E - CURRENT WELLBORE SCHEMATIC



Current Schematic - Version 1

Well Name: CULPEPPER MARTIN #14E

API / UWI 3004533814	Surface Legal Location 032-032N-012W-P	Field Name BASIN DAKOTA (PROPRATED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,937.00	Original KB/RT Elevation (ft) 5,952.00	KB-Ground Distance (ft) 15.00	KB-Casing Hanger Distance (ft) 5,937.00	KB-Tubing Hanger Distance (ft)	

Original Hole, 5/18/2018 2:47:40 PM

