

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

WELL API NO. 30-045-25695
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Moore
8. Well Number 1E
9. OGRID Number 372171
10. Pool name or Wildcat Basin Dakota

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 ☐ Gas Well ☒ Other

2. Name of Operator
HILCORP ENERGY COMPANY

3. Address of Operator
382 Road 3100, Aztec, NM 87410

4. Well Location

Unit Letter J: 1620' feet from the South line and 1555' feet from the East line

Section 35 Township 32N Range 12W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6350' GL

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 Mesaverde and downhole commingle with the existing Dakota. Please see the attached procedure, wellbore diagram, plat and GCP. A closed loop system will be used. Interim reclamation will be performed after surface disturbing activities.

- The initial CIBP must be placed no higher than 50' above the existing perforations.
- A Mechanical integrity test (MIT) must be performed from the initial CIBP to verify the integrity of the well. The pressure test must meet the requirements of 19.15.25.14 NMAC.
 - 24hr notice is required to be provided to the agencies prior to performing the MIT.

NMOCO

FEB 20 2019

DISTRICT III

Spud Date:

Rig Release Date:

*R-14822 - Density Exception

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 2/20/19

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

For State Use Only

APPROVED BY: Bob Zell TITLE IDE Supervisor DATE 2/21/19

Conditions of Approval (if any): See above Ar



HILCORP ENERGY COMPANY
MOORE 1E
MESA VERDE RECOMPLETION SUNDRY

API #:

3004525695

JOB PROCEDURES

1. MIRU workover rig and associated equipment; NU and test BOP.
2. TOOH with **2 3/8"** tubing set at **7,512'**.
3. Set a **4-1/2"** cast iron bridge plug at +/- **6050'** to isolate the **Dakota** and provide a **base for the frac**.
4. Load hole with fluid and run a CBL on the 4-1/2" casing. Verify cement bond within the **Mesa Verde** and confirm TOC. Review CBL results with the BLM and NMOCD and perform cmt remediation, as required. PT csa to 650 psi
5. Perforate the **Mesa Verde**. (Top perforation @ 4732', Bottom perforation @ 5550')
6. Frac the **Mesa Verde** in 2-3 stage down casing. Set frac plugs in between the stages and set a top plug above the top shot at +/- **4680'**
7. MIRU workover rig. Nipple down frac stack, nipple up BOP and test.
8. TIH with a mill and drill out the top plug and the frac plugs.
9. Clean down to the top of the DK isolation plug at **6050'**. Take **Mesa Verde** gas samples and send for analysis
10. Drill out Dakota isolation plug and cleanout to PBTD of **7,571'**. TOOH.
11. TIH and land production tubing. ND BOPs and NU tree. Pump off expendable check.
12. RDMO. Get a commingled **Dakota/Mesa Verde** flow rate.



HILCORP ENERGY COMPANY
MOORE 1E
MESA VERDE RECOMPLETION SUNDRY

MOORE 1E - CURRENT WELLBORE SCHEMATIC



Schematic - Current

Well Name: MOORE #1E

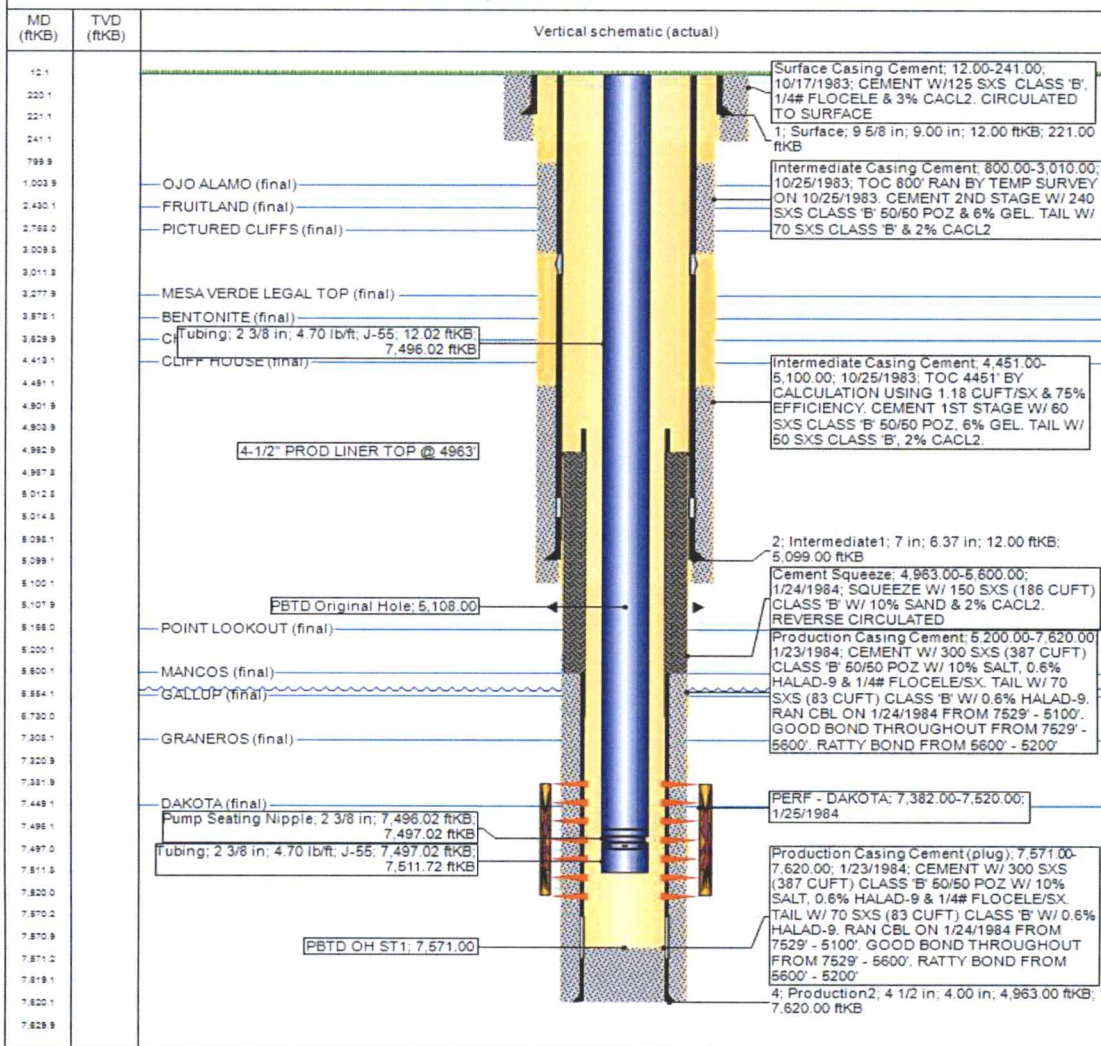
API / UWI 3004525695	Surface Legal Location 035-032N-012W-J	Field Name BASIN DAKOTA (PRIORATED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type
Original KBRT Elevation (ft) 6,362.00	KB-Tubing Hanger Distance (ft)	Original Spud Date 10/17/1983 00:00	Rig Release Date	PSTD (Alt) (ftKB)	Total Depth Alt (TVD) (ftKB)

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
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TD: 7,630.0

OH ST1, 2/18/2019 1:57:51 PM



District I1625 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-25695	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318912	5. Property Name MOORE	6. Well No. 001E
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6350

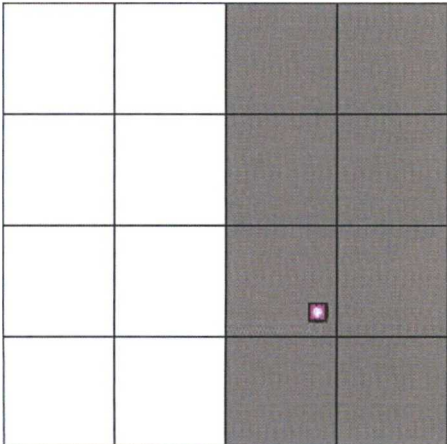
10. Surface Location

UL - Lot J	Section 35	Township 32N	Range 12W	Lot Idn	Feet From 1620	N/S Line S	Feet From 1555	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>Amanda Walker</i> Title: Operations/ Regulatory Tech Sr. Date: 2/20/2019</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: Fred B. Kerr Jr. Date of Survey: 2/7/1983 Certificate Number: 3950</p>
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