

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. 30-045-11042
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name DUSENBERRY
8. Well Number 3
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

4. Well Location Unit Letter <u>I</u> <u>1830</u> feet from the <u>South</u> line and <u>1075</u> feet from the <u>East</u> line Section <u>01</u> Township <u>31N</u> Range <u>12W</u> NMPM <u>San Juan</u> County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6378'

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: ☒ RECOMPLETION

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 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.

Density Exception Order Approval R-14816

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

NOV 29 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 Sr. DATE 11/26/2018

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

For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, DATE 12/26/18
District #3

Conditions of Approval (if any):

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 259846

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-11042	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319155	5. Property Name DUSENBERRY	6. Well No. 003
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6378

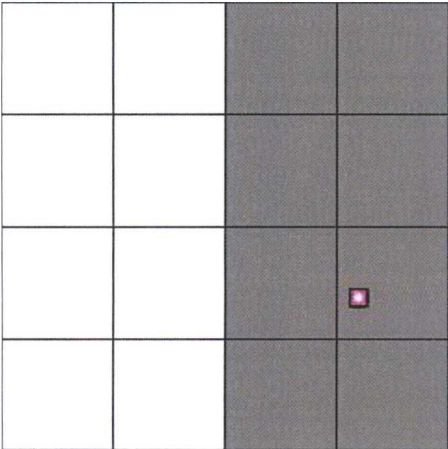
10. Surface Location

UL - Lot I	Section 1	Township 31N	Range 12W	Lot Idn	Feet From 1830	N/S Line S	Feet From 1075	E/W Line E	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 315.58	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: 11/19/2018</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: Ernest Echohawk Date of Survey: 9/2/1964 Certificate Number: 3602</p>
--	---



HILCORP ENERGY COMPANY
DUSENBERRY 3
MESA VERDE RECOMPLETION SUNDRY

API #:

3004511042

JOB PROCEDURES

1. MIRU workover rig and associated equipment; NU and test BOP.
2. TOOH with **2 3/8"** tubing set at **7,403'**.
3. Set a **4-1/2"** cast iron bridge plug at +/- **7365'** to isolate the **Dakota**.
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 NMOCD and perform cmt remediation, as required. PT csq to 650 psi
5. Set a **4-1/2"** cast iron bridge plug at +/- **5660'** to provide a base for the frac
6. Perforate the **Mesa Verde**. (Top perforation @ 4543', Bottom perforation @ 5650')
7. RIH w/ frac string and packer with ceramic disc sub. Set pkr and land tbq.
8. N/D BOP, N/U frac stack and test frac stack to frac pressure. Open well and PT tbq to 9000#
9. RU slickline. RIH and break ceramic disc. RD slickline
10. Frac the **Mesa Verde** in 1 stage.
11. RU flowback eqmt. Flowback well until tubing pressure drops to working level and sand subsides or well loads up. RD flowback eqmt.
12. MIRU workover rig. Nipple down frac stack, nipple up BOP and test.
13. Release pkr and POOH LD workstring
14. TIH with a mill and clean out to the top of the DK isolation plug at **7,365'**. Take **Mesa Verde** gas samples and analyze
15. Drill out Dakota isolation plug and cleanout to PBTD of **7,650'**. TOOH.
16. TIH and land production tubing. Get a commingled **Dakota/Mesa Verde** flow rate.



HILCORP ENERGY COMPANY
DUSENBERRY 3
MESA VERDE RECOMPLETION SUNDRY

DUSENBERRY 3 - CURRENT WELLBORE SCHEMATIC

