

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. 30-045-23021
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 GRENIER
8. Well Number 23
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde/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 M 1190 feet from the South line and 1190 feet from the West line
 Section 31 Township 31N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5861'

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, plat, and gas capture plan. A DHC application will be filed and approved prior to commingling. A closed loop system will be used.

Notify NMOCD 24 hrs
 prior to beginning
 operations

NMOCD

JAN 14 2019

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 1/11/2019

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 Deputy Oil & Gas Inspector, District #3 DATE 1/17/19

Conditions of Approval (if any):

B-V

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) 476-3462Form C-102
August 1, 2011

Permit 262175

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 30-045-23021	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318535	5. Property Name GRENIER	6. Well No. 023
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5861

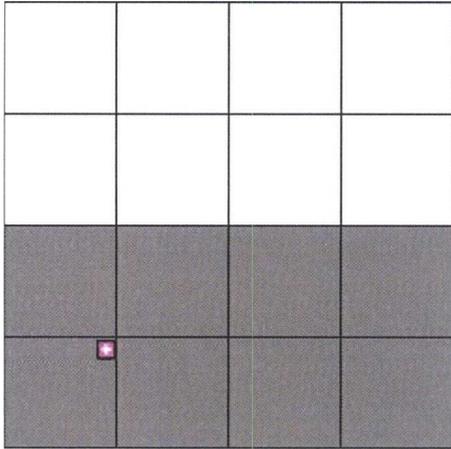
10. Surface Location

UL - Lot M	Section 31	Township 31N	Range 11W	Lot Idn 4	Feet From 1190	N/S Line S	Feet From 1190	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 322.90	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 - Sr. Date: 1/11/2019</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: Fred Kerr Date of Survey: 5/30/1978 Certificate Number: 3950</p>



HILCORP ENERGY COMPANY
GRENIER 23
MESA VERDE RECOMPLETION SUNDRY

API #:

3004523021

JOB PROCEDURES

1. MIRU service rig and associated equipment; NU and test BOP.
2. TOOH with 2 3/8" tubing set at 6,835'.
3. Set a 4-1/2" cast iron bridge plug at +/- 4,920' to isolate the Dakota Formation. Load the casing and pressure test the CIBP.
4. RU E-line and run in the hole with perforating guns. Perforate the Mesa Verde formation within 4,150' (top) and 4,870' (bottom). RD E-line.
5. ND BOP, NU 10K Frac Stack, NU BOP and test. TIH with 2-7/8" frac tubing string and 4-1/2" packer. Pressure test frac tubing string and frac stack to frac pressure.
6. NU frac equipment and perform frac job in 1 or 2 stages in the Mesa Verde Formation. RD frac equipment.
7. RU service rig and associated equipment. ND frac stack. NU BOP and test. TOOH and LD the frac tubing string and packer.
8. TIH with mill and clean out wellbore to the Dakota isolation plug.
9. When water and sand rates are acceptable, drill out the Dakota isolation plug and cleanout to PBD of 6,924'. TOOH.
10. TIH and land 2-3/8" production tubing. Get a commingled Dakota/Mesa Verde flow rate.



HILCORP ENERGY COMPANY
GRENIER 23
MESA VERDE RECOMPLETION SUNDRY

GRENIER 23 - CURRENT WELLBORE SCHEMATIC

