

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMSF078115

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE		8. Well Name and No. GRENIER 101
2. Name of Operator HILCORP ENERGY COMPANY Contact: PRISCILLA SHORTY E-Mail: pshorty@hilcorp.com		9. API Well No. 30-045-27247-00-S1
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 505.324.5188	10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T31N R11W NESW 1925FSL 1830FWL 36.911190 N Lat, 108.033630 W Lon		11. County or Parish, State SAN JUAN COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Hilcorp Energy Company requests permission to perform remedial work on the subject well per the attached procedure and wellbore schematic.

NMOCD  
NOV 15 2018  
DISTRICT III

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #439455 verified by the BLM Well Information System  
For HILCORP ENERGY COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 11/06/2018 (19JWS0021SE)**

Name (Printed/Typed) PRISCILLA SHORTY	Title OPERATIONS REGULATORY TECH
Signature (Electronic Submission)	Date 10/12/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JACK SAVAGE	Title PETROLEUM ENGINEER	Date 11/06/2018
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCD



HILCORP ENERGY COMPANY  
GRENIER 101  
FRUITLAND COAL REFRAC SUNDRY

NMOCD  
NOV 15 2018  
DISTRICT III

Prepared by:	Scott Anderson
Preparation Date:	October 5, 2018

WELL INFORMATION			
Well Name:	GRENIER 101	State:	NM
API #:	3004527247	County:	SAN JUAN
Area:	1	Location:	1925' FSL & 1830' FWL - Unit K - Section 07 - T 031N - R 011W
Route:	109	Latitude:	36.91119 N
Spud Date:	5/8/1990	Longitude:	-108.03363 W

PROJECT DESCRIPTION
Re-stimulate the Brown Seam of the FRUITLAND COAL formation



HILCORP ENERGY COMPANY  
GRENIER 101  
FRUITLAND COAL REFRAC SUNDRY

JOB PROCEDURES
<ol style="list-style-type: none"><li>1. MIRU workover rig and associated equipment; NU and pressure test BOP.</li><li>2. Release hanger, LIH w/ 2-3/8" tbg and tag fill</li><li>3. Scanning tbg, POOH standing up</li><li>4. RIH w/ RB and scraper. Wash out fill to PBTD at 2787', POOH w/ bit and scraper, LD tbg</li><li>5. PU AS1X pkr and 2-7/8" frac string w/ Double-Disc sub, RIH and set pkr at 2730', PT csg and pkr to 600 psi</li><li>6. ND BOPs, NU 10K frac stack</li><li>7. PT frac string and frac stack to 9000#</li><li>8. RDMO workover rig</li><li>9. RU slickline and break the discs</li><li>10. Re-frac the Fruitland Coal in 1 stage. (Top perforation @ 2760', Bottom perforation @ 2783')</li><li>11. Flow the well back thru flowback eqmt until well logs off or pressure is low enough to safely kill the well with fluid</li><li>12. Nipple down frac stack, nipple up BOPs and pressure test. TOOH with frac string and packer, lay down.</li><li>13. RIH with a mill and clean out to PBTD, POOH</li><li>14. RIH and land production tubing w/ expendable check. ND BOPs, NU production tree.</li><li>15. PT the tbg string and pump off the check</li><li>16. RDMO workover rig, hand well over to production</li></ol>



HILCORP ENERGY COMPANY  
 GRENIER 101  
 FRUITLAND COAL REFRAC SUNDRY

NMOCD  
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 DISTRICT III

GRENIER 101 - CURRENT WELLBORE SCHEMATIC

