

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.

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 | | 5. Lease Serial No. NMSF078115 |
| 2. Name of Operator HILCORP ENERGY COMPANY | | 6. If Indian, Allottee or Tribe Name |
| Contact: PRISCILLA SHORTY E-Mail: pshorty@hilcorp.com | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002 | 3b. Phone No. (include area code) Ph: 505.324.5188 | 8. Well Name and No. GRENIER 101 |
| 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 | | 9. API Well No. 30-045-27247-00-S1 |
| | | 10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL |
| | | 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.

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NOV 15 2018

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|---|----------------------------------|
| 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">1. MIRU workover rig and associated equipment; NU and pressure test BOP.2. Release hanger, LIH w/ 2-3/8" tbg and tag fill3. Scanning tbg, POOH standing up4. RIH w/ RB and scraper. Wash out fill to PBTD at 2787', POOH w/ bit and scraper, LD tbg5. 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 psi6. ND BOPs, NU 10K frac stack7. PT frac string and frac stack to 9000#8. RDMO workover rig9. RU slickline and break the discs10. Re-frac the Fruitland Coal in 1 stage. (Top perforation @ 2760', Bottom perforation @ 2783')11. Flow the well back thru flowback eqmt until well logs off or pressure is low enough to safely kill the well with fluid12. Nipple down frac stack, nipple up BOPs and pressure test. TOOH with frac string and packer, lay down.13. RIH with a mill and clean out to PBTD, POOH14. RIH and land production tubing w/ expendable check. ND BOPs, NU production tree.15. PT the tbg string and pump off the check16. RDMO workover rig, hand well over to production |



HILCORP ENERGY COMPANY
GRENIER 101
FRUITLAND COAL REFRAC SUNDRY

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GRENIER 101 - CURRENT WELLBORE SCHEMATIC

