

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
JIC1066. If Indian, Allottee or Tribe Name
JICARILLA APACHE

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
JICARILLA B 1B2. Name of Operator
HILCORP ENERGY COMPANYContact: ETTA TRUJILLO
E-Mail: ettrujillo@hilcorp.com9. API Well No.
30-039-27780-00-C13a. Address
382 ROAD 3100
AZTEC, NM 874103b. Phone No. (include area code)
Ph: 505-324-516110. Field and Pool or Exploratory Area
BASIN DAKOTA
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 26 T26N R4W SENE 2280FNL 660FEL
36.458539 N Lat, 107.214765 W Lon

11. County or Parish, State

RIO ARRIBA 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	Workover Operations
	<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 recompleat 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 recompleat 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 requests permission to tri-mingle the subject well according to the attached summary, current and proposed wellbore schematic. The DHC (C-107A) will be submitted prior to any work being performed.

DISTRICT 111
OCT 11 2019
NMCO

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

Electronic Submission #487494 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Rio Puerco
Committed to AFMSS for processing by JOHN HOFFMAN on 10/11/2019 (20JH0004SE)

Name (Printed/Typed) ETTA TRUJILLO

Title OPERATIONS REGULATORY TECH SR

Signature (Electronic Submission)

Date 10/10/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOHN HOFFMAN

Title PETROLUUM ENGINEER

Date 10/11/2019

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 Rio Puerco

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 ****

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HILCORP ENERGY COMPANY
JICARILLA B 1B
Trimingle Wellbore SUNDRY

1. Hilcorp Energy Company executed a routine tubing repair starting on 6/6/2019. Hilcorp MIRU and tripped out of the hole while scanning the tubing for integrity while tripping out. Hilcorp replaced 9 joints of tubing due to pitting. The next day Hilcorp tripped in the hole with a 3-7/8" bit, tagged fill @ 7,972, and cleaned out fill to 7,985' (PBSD). Hilcorp then picked up the tubing to 7,930' and spotted 250 gallons of acid across the DK perms. Hilcorp picked up to 5,896' and spotted an additional 250 gallons of acid across the MV perms. Hilcorp shut down for the day to let the acid breakdown the scale across the perms. The next day Hilcorp tripped in the hole to 7,897' to unload the spent acid. Hilcorp tripped in the hole while unloading acid to 7,909', and began pressuring up on the air package. Hilcorp began tripping out of the hole and the tubing got stuck. At this point, it was unclear where the tubing was stuck, and the bottom of the string (bit) was at 7,896'. Hilcorp RIH with a free point tool, and the free point tool would not go past 7,853'. Hilcorp chemical cut the tubing at 7,645'. The next day Hilcorp tripped out of the hole with 7,645' of the fish and tripped back in the hole with 3-3/4" wash pipe and tagged the top of fish at 7,645'. Hilcorp washed over the fish to 7,665' and began torquing up and getting metal shavings in the returns which indicated we were milling on casing. Hilcorp continued to attempt to wash over and did not make an inch in 3 hours and shut down for the day. The next day, Hilcorp tripped out of the hole with the 3-3/4" wash pipe, and tripped in the hole with a 3-3/4" overshot, 2-3/8" grapple, bumper sub and hydraulic jars. Hilcorp engaged the top of fish at 7,645' with the overshot/grapple assembly and jarred on the fish. Hilcorp tripped out of the hole and recovered a 10' piece of fish. The bottom of the fish was crimped (indicating collapsed casing). At this point, Hilcorp had attempted to fish the tubing with washpipe and an overshot assembly with very little success. Hilcorp believes there is no viable option to fish the remaining fish out of the hole based on the condition of the casing. Hilcorp has verified collapsed casing from 7,655'-7,665', which is in the Greenhorn (a sub member of the Mancos). Hilcorp was granted approval to land the end of tubing at 7,629' (26' above the top of fish) and shut in the well to wait for DHC approval. The Greenhorn is a calcareous, deep water, shale deposit with extremely low permeability and no sand quality. In the 9 section area around the Jicarilla B 1B, there has only been one well completed in the Greenhorn, the Jicarilla F 1. The Greenhorn was perforated, fractured, and further acidize, before being squeezed off with cement due to the lack of productivity. The Greenhorn interval never produced. Based on this information, Hilcorp wishes to trimingle the Mesaverde, Mancos, and Dakota formations and allocate 0 production to the Greenhorn (Mancos) due to the lack of productivity of the Greenhorn in the area. Hilcorp has gotten approval from both BLM and Jicarilla to proceed to submit the DHC with 0 production allocated to the Mancos. Hilcorp has notified interest owners in the Mesaverde, Mancos, and Dakota formations with the proposition to trimingle the formations and allocate 0 production to the Mancos, and is currently waiting for partner approval.



HILCORP ENERGY COMPANY
JICARILLA B 1B
Trimingle Wellbore SUNDRY

JICARILLA B 1B - WELLBORE SCHEMATIC BEFORE WORKOVER OPERATIONS



Current Schematic - Version 3

Well Name: JICARILLA B #1B

API / UWI 3003927780	Surface Legal Location H-26-26N-4W	Field Name BASIN	Route 1411	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,920.00	Original KB RT Elevation (ft) 6,932.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 10/9/2019 12:06:03 PM



