

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.
JIC105

6. 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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. JICARILLA A 5
2. Name of Operator HILCORP ENERGY COMPANY		9. API Well No. 30-039-06419-00-S1
3a. Address 382 ROAD 3100 AZTEC, NM 87410		10. Field and Pool or Exploratory Area TAPACITO
3b. Phone No. (include area code) Ph: 505-324-5161		11. County or Parish, State RIO ARRIBA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T26N R4W NENE 930FNL 960FEL 36.476718 N Lat, 107.215606 W Lon		

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Other
BP	<input type="checkbox"/> Change Plans	<input checked="" 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.

The subject well was P&A'd on 12/12/2019 per the attached notification, summary report and wellbore schematic.

NMOC
JAN 02 2020
DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #497300 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by JOE KILLINS on 01/02/2020 (20JK0011SE)	
Name (Printed/Typed) ETTA TRUJILLO	Title OPERATIONS REGULATORY TECH SR
Signature (Electronic Submission)	Date 01/02/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOE KILLINS Title PETROLEUM ENGINEER	Date 01/02/2020
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 ****

AY

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API: 30-039-06419

Well Name: Jicarilla A 5

Plugged & Abandoned Notification

Received verbal approval from Joe Killins (BLM), Brandon Powell (NMOCD) and Orson Harrison (JOGA) for the following notification:

12/11/2019 – On the Jicarilla A 5, Hilcorp will pump plug #1 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo Tops), as planned. For plug #2 (Nacimiento Top), BLM and NMOCD have two different Nacimiento tops. BLM's Nacimiento top is @ 2239' and NMOCD's Nacimiento Top is @ 2,100'. Therefore, Hilcorp will shoot squeeze perfs @ 2289' and set a CICR @ 2239'. Hilcorp will squeeze 125 sx beneath CICR (100% excess) behind pipe with an estimated TOC @ 2,050' and BOC @ 2289'. Hilcorp will sting out and spot a balance plug from the CICR @ 2239' up to 2,050' (46 sx, 200' excess). BLM & NMOCD gave approval to sting out of the cement retainer and spot a balance plug for adequate Nacimiento cement coverage if Hilcorp locks up at any point during the squeeze job.

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



Name: Jicarilla A 5
API:30-039-06419

Well Plugging Report

Work Detail

Plug #1 Pictured Cliffs, 5-1/2" CSG Shoe, Fruitland & Ojo Tops 3873'-3000' Mix & Pump 130 SXS, 15.8 PPG, 1.15 Yield, 149.5 CUFT, 26.6 BBL Slurry, Class G Cement, leaving 40 SXS below CR to cover 50' below CSG Shoe & 50' inside 5-1/2" CSG, leaving 90 SXS above CR, DISP W/ 11 BBL H2O.

Plug #2 Nacimiento Top 2239'-1900' Mix & Pump 42 SXS, 15.8 PPG, 1.15 Yield, 48.3 CUFT, 8.6 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.

Plug #3 Surface 206'-0' Mix & Pump 80 SXS, 15.8 PPG, 1.15 Yield, 92 CUFT, 16.3 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.

Surface Top Off Mix & Pump 25 SXS, 15.8 PPG, 1.15 Yield, 28.7 CUFT, 5.1 BBL Slurry, Class G Cement.

12/10/2019

Load supplies, travel to LOC.
Install Tire Chains on Equip, Road Rig & Equip to LOC.
HSM on JSA.
Spot Equip, (small LOC) RU Daylight Pulling Unit.
Check PSI 2-3/8" TBG-0, 5-1/2" CSG-0, BH-0 PSI, RU Relief Lines, open Well to Pit.
ND WH, Function Test & NU BOP, RU Work Floor.
PU on Hanger, PU to 50K, had to work TBG free.
LD 130 2-3/8" JTS on Pipe Trailer.
MU 5-1/2" Watermelon Mill, PU & Tally In Hole to 3776', TOOH, LD Mill.
Secure Well & LOC.
Travel to Yard.

12/11/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-N/A, CSG-0, BH-0 PSI, open Well to Pit.
MU 5-1/2" TBG Set CR, TIH to 3776', set CR.
Load Well W/ 31 BBL H2O, CIRC 96 BBL total, saw good Returns to Pit, attempt to PSI Test CSG to 600 PSI, no Test, BD 150 PSI in 2 MINS.
TOOH, LD Setting Tool.
RU A-Plus WL, RIH to 3773', run CBL, POOH, LD Tool, RD WL.
MU Setting Tool, TIH to 3773', load well W/ 4-1/2 BBL, S/I CR, check ROI, 1-1/2 BPM @ 100 PSI.
LD 25 JTS on Pipe Trailer, TOOH, LD Setting Tool.
Secure Well & LOC.
Travel to Yard.

12/12/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-0 PSI, open Well to Pit.
TIH, Tag Plug #1 @ 3065', good Tag. Load Well W/ 13-1/2 BBL H2O, attempt to PSI Test CSG to 600 PSI, no Test, LD to next Plug, TOO H.
RU A-Plus WL, TIH to 2289', shoot 3 Holes W/ 3-1/8" Tag Gun, POOH, LD Tool, RD WL.
MU 5-1/2" TBG Set CR, TIH to 2339', set CR, S/O load Well W/ 1/2 BBL, PSI Test CSG to 600 PSI, good Test, S/I check ROI Pump 1/2 BBL to 600 PSI Lockup, no Rate, S/O.
Plug #2 Nacimiento Top 2239'-1900' Mix & Pump 42 SXS, 15.8 PPG, 1.15 Yield, 48.3 CUFT, 8.6 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.
LD Work String, LD Setting Tool.
RU A-Plus WL, RIH to 206', shoot 4 Holes W/ 3-1/8" Tag Gun, POOH, LD Tool, check ROI 2 BPM @ 100 PSI, CIRC 21 BBL, saw good Returns to Pit, RD WL.
RD Work Floor, ND BOP, NU WH, dig out Cellar.
Plug #3 Surface 206'-0' Mix & Pump 80 SXS, 15.8 PPG, 1.15 Yield, 92 CUFT, 16.3 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.
Perform Hot Work Permit, cut off WH, TOC @ 4' below Surface in 5-1/2" CSG, 30' in 5-1/2" X 9-5/8" Annulus, Install & Weld DH Marker @ LAT 36.476601, LONG - 107.215639.
Surface Top Off Mix & Pump 25 SXS, 15.8 PPG, 1.15 Yield, 28.7 CUFT, 5.1 BBL Slurry, Class G Cement.
RD Daylight Pulling Unit.
Clean & Secure LOC.
Travel to Yard.

On Site Reps:

Name	Association	Notes
Mark Decker	BLM	On Loc
Juan Cardenas	Co. Rep.	On Loc
Rio Rig Crew	Other	On Loc

Well Name: JICARILLA A 005

API / UWI 3003906419	Surface Legal Location 023-026N-004W-A	Field Name PC	Route 1411	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 7,179.00	Original KB/RT Elevation (ft) 7,189.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 1/2/2020 8:39:44 AM



