

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.***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		5. Lease Serial No. JIC101
2. Name of Operator HILCORP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 382 ROAD 3100 AZTEC, NM 87410		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-324-5161		8. Well Name and No. JICARILLA C 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T26N R4W SWSW		9. API Well No. 30-039-06542-00-S1
		10. Field and Pool or Exploratory Area TAPACITO
		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 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
	<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 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.

The subject well was P&A'd on 12/18/2019 per the attached notification, summary report and wellbore schematic.

NMOC

JAN 08 2020

DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #497915 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 01/06/2020 (20JK0012SE)	
Name (Printed/Typed) ETTA TRUJILLO	Title OPERATIONS REGULATORY TECH SR
Signature (Electronic Submission)	Date 01/06/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOE KILLINS Title PETROLEUM ENGINEER	Date 01/06/2020
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 **

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API: 30-039-06542

Well Name: Jicarilla C 2

Plugged & Abandoned Notification

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

12/16/2019 – Please find attached CBL for the Jicarilla C 2 – P&A. The top of cement is +/- 2,874'. This will not change the P&A procedure as proposed.

- Plug #1 – Balanced plug across the Pictured Cliffs, Fruitland and Ojo Formations is still completely below the TOC.
 - Plug depth: 2,965' to 3,479'.
 - Bridge plug at 3,479' to 3,481'.
- Plug #2 – Squeezed cmt plug with CICR to cover the Nacimiento is above the TOC.
 - Plug Depth: 1,849' to 2,280'.
 - CICR at 2,230' to 2,232'.
 - Sqz perfs at 2,280'.

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



Name: Jicarilla C 2
API:30-039-06542

Well Plugging Report

Work Detail

- Plug #1 Plug #1 Pictured Cliffs, CSG Shoe, Fruitland & Ojo Alamo Tops 3479'-2779' Mix & Pump 81 SXS, 15.8 PPG, 1.15 Yield, 93.1 CUFT, 16.5 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
- Plug #2 Plug #2 Nacimiento Top 2280'-1600' Mix & Pump 209 SXS, 15.8 PPG, 1.15 Yield, 241.5 CUFT, 43 BBL Slurry, Class G Cement, leaving 130 SXS in 5-1/2" X 7-7/8" OH, 6 SXS in 5-1-2" CSG below CR, 73 SXS in 5-1/2" CSG above CR, Final S/O Pressure 500 PSI, DISP W/ 6 BBL H2O.
- Plug #3 Plug #3 Surface 235'-0' Mix & Pump 110 SXS, 15.8 PPG, 1.15 Yield, 126.5 CUFT, 22.5 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.
- Top Off Surface Top Off 80'-0' install Polypipe in 5-1/2" CSG, Mix & Pump 46 SXS, 15.8 PPG, 1.15 Yield, 52.9 CUFT, 9.4 BBL Slurry, Class G Cement.

12/13/2019

Load supplies, travel to LOC.
Ready Equip for Rig Move, Road Rig & Equip to LOC.
HSM on JSA.
Spot in Equip, 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.
LD 110 JTS, 1 Tail JT, 111 total 2-3/8" Joints.
MU 5-1/2" Watermelon Mill, PU & Tally In to 3500', TOO H, LD Mill.
Secure Well & LOC.
Travel to Yard.

12/16/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-N/A, CSG-0, BH-0, open Well to Pit.
MU 5-1/2" TBG Set CIBP, TIH to 3479', set CIBP.
Load Well W/ 4 BBL H2O, CIRC 90 BBL total, saw good Returns to Pit, attempt to PSI Test CSG, Pump 1-1/2 @ 0 PSI, no Test.
TOOH.
RU A-Plus WL, TIH to 3479', run CBL, POOH, LD Tool, RD WL.
MU Tag Sub, TIH to 3479', RU to Pump Plug #1.
Plug #1 Pictured Cliffs, CSG Shoe, Fruitland & Ojo Alamo Tops 3479'-2779' Mix & Pump 81 SXS, 15.8 PPG, 1.15 Yield, 93.1 CUFT, 16.5 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
LD 25 JTS, SB 12 STDS.
Secure Well & LOC.
Travel to Yard.

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 @ 2822', good Tag, LD to next Plug, TOO H.
 RU A-Plus WL, RIH to 2280', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool,
 RD WL.
 MU 5-1/2" TBG Set CR, TIH to 2230', set CR, check ROI 1 BPM @ 500 PSI, RU to
 Pump Plug #2.
 Plug #2 Nacimiento Top 2280'-1600' Mix & Pump 209 SXS, 15.8 PPG, 1.15 Yield,
 241.5 CUFT, 43 BBL Slurry, Class G Cement, leaving 130 SXS in 5-1/2" X 7-7/8"
 OH, 6 SXS in 5-1-2" CSG below CR, 73 SXS in 5-1/2" CSG above CR, Final S/O
 Pressure 500 PSI, DISP W/ 6 BBL H2O.
 LD 23 JTS, TOO H, LD Setting Tool.
 Wait on Cement Sample to set, decision not to attempt to Tag Plug #2 because
 Sample had not totally set, dig out Cellar.
 Secure Well & LOC.
 Travel to Yard.

12/18/2019

Load supplies, travel to LOC.
 HSM on JSA, service & start Equip.
 Check PSI TBG-0, CSG-0, BH-0 PSI, open Well to Pit.
 MU Tag Sub, TIH, Tag Plug #2 @ 1097', good Tag, LD Work String.
 RU A-Plus WL, RIH to 235', shoot 4 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool,
 check ROI, 1-1/2 BPM @ 100 PSI.
 PU, TIH to 235', RU to TBG, CIRC 25 BBL total out BH Valve to Pit, saw clean
 Returns, RU to Pump Surface Plug.
 Plug #3 Surface 235'-0' Mix & Pump 110 SXS, 15.8 PPG, 1.15 Yield, 126.5 CUFT,
 22.5 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.
 LD Work String, clean up BOP & Pump.
 RD Work Floor, ND BOP, NU WH.
 Perform Hot Work Permit, cut off WH, TOC in 5-1/2" X 9-5/8" @ 19' below
 Surface, TOC in 5-1/2" CSG @ 80' below Surface, install & weld on DH Marker @
 LAT 36.495220 & LONG -107.227520.
 RD Daylight Pulling Unit.
 Surface Top Off 80'-0' install Polypipe in 5-1/2" CSG, Mix & Pump 46 SXS, 15.8
 PPG, 1.15 Yield, 52.9 CUFT, 9.4 BBL Slurry, Class G Cement.
 Clean & Secure LOC.
 Travel to Yard.

On Site Reps:

Name	Association	Notes
Derrick Mcculler	BLM	On Loc
Juan Cardenas	Co. Rep.	On Loc
Rio Rig Crew	Other	On Loc

Well Name: JICARILLA C 002

API / UWI 3003906542	Surface Legal Location 011-026N-004W-M	Field Name PC	Route 1414	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,801.00	Original KB/RT Elevation (ft) 6,811.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00	

Vertical, Original Hole, 1/6/2020 1:51:14 PM
