

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.  
NMSF078999

6. If Indian, Allottee or Tribe Name

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

7. If Unit or CA/Agreement, Name and/or No.  
891000464B

1. Type of Well  
 Oil Well  Gas Well  Other: COAL BED METHANE

8. Well Name and No.  
SAN JUAN 31-6 UNIT 220

2. Name of Operator HILCORP ENERGY COMPANY Contact: TAMMY JONES  
E-Mail: tajones@hilcorp.com

9. API Well No.  
30-039-24987-00-S1

3a. Address  
1111 TRAVIS STREET  
HOUSTON, TX 77002

3b. Phone No. (include area code)  
Ph: 505.324.5185

10. Field and Pool or Exploratory Area  
BASIN FRUITLAND COAL

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

Sec 33 T31N R6W NWNE 0974FNL 1521FEL  
36.860660 N Lat, 107.463850 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 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 recomplate 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 plugged & abandoned the subject wellbore on 11/13/2019 per the attached summary report and wellbore schematic.

**NMOC**  
**NOV 21 2019**  
**DISTRICT III**

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

**Electronic Submission #492875 verified by the BLM Well Information System  
For HILCORP ENERGY COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JOHN HOFFMAN on 11/20/2019 (20AMW0024SE)**

Name (Printed/Typed) TAMMY JONES	Title OPERATIONS/REGULATORY TECH-SR.
Signature (Electronic Submission)	Date 11/19/2019

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

Approved By <b>ACCEPTED</b>	JOHN HOFFMAN Title PETROLEUM ENGINEER	Date 11/20/2019
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 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 \*\***

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Hilcorp Energy  
Company  
PO Box 4700  
Farmington, NM 87499



Name: San Juan 31-6 Unit 220  
POW  
API:30-039-24987

## Well Plugging Report

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### Work Detail

- Plug #1 Fruitland PERFS, Kirtland & Ojo Alamo Tops 2974'-1350': Mix & Pump 120 SXS, 15.8 PPG, 1.15 Yield, 138 CUFT, 24.5 BBL Slurry, Class G Cement, DISP W/ 9 BBL H2O.
- Plug #2 Nacimiento Top 150'-1100': Mix & Pump 29 SXS, 15.8 PPG, 1.15 Yield, 33.3 CUFT, 5.9 BBL Slurry, Class G Cement, DISP W/ 4 BBL H2O.
- Plug #3 Surface 332'-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.
- Top Off Surface Top off: RU Poly Pipe, Mix & Pump 60 SXS, 15.8 PPG, 1.15 Yield, 69 CUFT, 12.2 BBL Slurry, Class G Cement, good Cement to Surface, Top Off Cellar as well.

11/11/2019

Load supplies, travel to LOC.  
Service & start Equip, get Equip ready for Road.  
Road Rig & Equip to LOC.  
HSM on JSA.  
Spot in Equip, RU Daylight Pulling Unit, check PSI 2-3/8" TBG-160, 7" CSG-240, BH-0 PSI, RU Relief Line, RU Pump Truck & Pump Line, open Well to Pit.  
ND WH, Function Test Strip On & NU BOP, RU Work Floor. Had WH issues when ND.  
Unseat packer (Had to work free). RU Scan X, TOO, Scan out 93 JTS, 1 7" Packer, LD 9 JTS, 102 total 2-3/8" JTS.  
MU 7" Watermelon Mill, Tally & TIH Tag 5-1/2" Liner @ 2974'.  
Secure Well & LOC.  
Travel to Yard.

11/12/2019

Load supplies, travel to LOC.  
HSM on JSA, service & start Equip.  
Check PSI TBG-88, CSG-88, BH-0 PSI, open Well to Pit.  
TOOH, LD Mill.  
MU 7" TBG Set CR, TIH to 2974', set CR.  
Load Well W/ 113 BBL H2O, CIRC 121 BBL total, PSI Test CSG to 500 PSI, good Test, Load BH W/ 2-1/2 BBL H2O, PSI Test to 300 PSI, good Test. Will need to Poly Pipe Surface CSG after Cut Off, RU to Pump Plug #1.  
Plug #1 Fruitland PERFS, Kirtland & Ojo Alamo Tops 2974'-1350': Mix & Pump 120 SXS, 15.8 PPG, 1.15 Yield, 138 CUFT, 24.5 BBL Slurry, Class G Cement, DISP W/ 9 BBL H2O.  
LD to 1250', RU to Pump Plug #2.

Plug #2 Nacimiento Top 150'-1100': Mix & Pump 29 SXS, 15.8 PPG, 1.15 Yield,  
 33.3 CUFT, 5.9 BBL Slurry, Class G Cement, DISP W/ 4 BBL H2O.  
 LD 29 JTS, SB 5 STDS, LD Setting Tool, TIH to 332', RU to Pump Surface Plug.  
 Plug #3 Surface 332'-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.  
 LD TBG, RD Work Floor, ND BOP, NU WH.  
 Secure Well & LOC.  
 Travel to Yard.

11/13/2019

Load supplies, travel to LOC.  
 HSM on JSA, service & start Equip.  
 Perform Hot Work Permit for WH Cut Off, cut off WH, TOC @ 2' in 7" CSG, no  
 TOC in 7" X 9-5/8", will need to Poly Pipe, install & Weld on DH Marker @ LAT  
 36.860660, LONG 107.463850.  
 Surface Top off, RU Poly Pipe, Mix & Pump 60 SXS, 15.8 PPG, 1.15 Yield, 69 CUFT,  
 12.2 BBL Slurry, Class G Cement, good Cement to Surface, Top Off Cellar as well.  
 RD Pump Truck, RD Daylight Pulling Unit, MOL.  
 Clean & Secure LOC, ready Rig & Equip for Road.

**On Site Reps:**

Name	Association	Notes
Clay Yazzie	BLM	On Loc
Juan Cardenas	Co. Rep.	On Loc

Well Name: SAN JUAN 31-6 UNIT #220

API / UWI 3003924987	Surface Legal Location 033-031N-006W-B	Field Name FC	Route 1105	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,460.00	Original KB/RT Elevation (ft) 6,473.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 11/19/2019 9:49:50 AM

