

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.
NMSF080069

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.
8910004370

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SAN JUAN 29-5 UNIT 49

2. Name of Operator
HILCORP ENERGY COMPANY

Contact: TAMMY JONES
E-Mail: tajones@hilcorp.com

9. API Well No.
30-039-07647-00-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
BLANCO MESAVERDE

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

Sec 9 T29N R5W SWSW 0990FSL 0990FWL
36.735474 N Lat, 107.367813 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 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 plugged and abandoned on 11/21/2019 per the attached final summary report and wellbore schematic. Notifications to BLM & NMOCD were as follows:

11/15/19 - Hilcorp Energy received verbal CBL approval from John Hoffman (BLM) and Brandon Powell (NMOCD) to add sqz perfs @ 3950' to abandon 7" shoe and extend length of Plug #3.

11/18/19 - Hilcorp Energy received verbal CBL approval from John Hoffman (BLM) and Brandon Powell (NMOCD) to balance plug #4 inside 2-7/8" casing @ 3500-3760' to abandon Pictured Cliffs formation. Then cut & pull 2-7/8" casing & run CBL.

11/20/19 - Hilcorp Energy received verbal CBL approval from John Hoffman (BLM) and Brandon Powell (NMOCD) to balance plug #5 inside 7" casing @ 2800-3300' to abandon Fruitland, Kirtland and Ojo

NMOCD

DEC 12 2019

DISTRICT III

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

**Electronic Submission #495078 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOHN HOFFMAN on 12/10/2019 (20AMW0021SE)**

Name (Printed/Typed) TAMMY JONES

Title OPERATIONS/REGULATORY TECH-SR.

Signature (Electronic Submission)

Date 12/09/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JOHN HOFFMAN
Title PETROLEUM ENGINEER

Date 12/10/2019

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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Additional data for EC transaction #495078 that would not fit on the form

32. Additional remarks, continued

Alamo formations. Pump balance plug #6 inside 7" casing @ 1099-1199' to abandon the Nacimiento formation. Sqz surface plug as planned with additional perms @ 270' and top off.

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: San Juan 29-5 Unit #49
API:30-039-07647

Well Plugging Report

Work Detail

Plug #1 Mancos Top 5995'-5854' Mix & Pump 4 SXS, 15.8 PPG, 1.15 Yield, 4.6 CUFT, .8 BBL Slurry, Class G Cement, DISP W/ 10.5 BBL H2O.

Plug #2 With CIBP @ 5777', Point Lookout PERFS & Cliff House Tops 5777'-5353', Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 9 BBL H2O.

Plug #3 7" INTERM CSG Shoe 3950'-3800' Mix & Pump 45 SXS 15.8 PPG, 1.15 Yield, 51.7 CUFT, 9.2 BBL Slurry, Class G Cement, leaving 41 SXS outside 2-7/8" X 7" Annulus, 1 SXS below CR, 3 SXS above CR, DISP W/ 7 BBL H2O.

Plug #3A 7" INTERM Shoe 3900'-3759' Mix & Pump 4 SXS, 15.8 PPG, 1.15 Yield, 4.6 CUFT, .8 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.

Plug #4 Pictured Cliffs Top 3760'-3476' Mix & Pump 8 SXS, 15.8 PPG, 1.15 Yield, 9.2 CUFT, 1.6 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.

Plug #5 Fruitland, Kirtland & Ojo Alamo Tops 3290'-2700' Mix & Pump 117 SXS, 15.8 PPG, 1.15 Yield, 134.5 CUFT, 23.9 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.

Plug #6 Nacimiento Top 1199'-999' Mix & Pump 42 SXS, 15.8 PPG, 1.15 Yield, 48.3 CUFT, 8.6 BBL Slurry, Class G Cement, DISP W/ 3 BBL H2O.

Plug #7 Surface 390'-0' Mix & Pump 122 SXS, 15.8 PPG, 1.15 Yield, 140.3 CUFT, 24.9 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.

Surface Top Off Mix & Pump 24 SXS, 15.8 PPG, 1.15 Yield, 27.6 CUFT, 4.9 BBL Slurry, Class G Cement.

11/13/2019

Road Rig & Equip to LOC.
HSM on JSA.
Spot in Equip, RU Daylight Pulling Unit.
Check PSI 1-1/4" TBG-58, 2-7/8" CSG-100, 7" INTERM-1000, BH-8 PSI, RU Relief Line, open Well to Pit.
ND WH, Function test & NU BOP, RU Work Floor, XO to 1-1/4" TBG Equip.
Secure Well & LOC.
Travel to Yard.

11/14/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-10, INTERM-20, BH-0 PSI, open Well to Pit.
Tally, TOO, SB 92 STDS, LD 1 on Pipe Trailer, 185 1-1/4" JTS total.
TIH, Tag Fill @ 5995'. RU to Pump Plug #1.
Plug #1 Mancos Top 5995'-5854' Mix & Pump 4 SXS, 15.8 PPG, 1.15 Yield, 4.6 CUFT, .8 BBL Slurry, Class G Cement, DISP W/ 10.5 BBL H2O.
LD to 5777', TOO.
RU A-Plus WL, MU 2-7/8" Gauge Ring, RIH to 5788', POOH, LD Tool, MU 2-7/8" CIBP, RIH to 5777', set CIBP, POOH, LD Tool, RD WL.
TIH to 5777', Load Well W/ 29 BBL H2O, CIRC 33 BBL total, PSI Test CSG to 600 PSI, good Test.
TOOH, SB 91 STDS.
RU WL, run CBL, saw good Bond from 4200'-5777', POOH, LD Tool, RD WL.
Secure Well & LOC.
Travel to Yard.

11/15/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-N/A, CSG-0, INTERM-5, BH-0 PSI, open Well to Pit.
TIH to 5777', RU to Pump Plug #2.
Plug #2 Point Lookout PERFS & Cliff House Tops 5777'-5353' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 9 BBL H2O.
LD to 3900', TOO.
RU A-Plus WL, RIH to 3950', shoot 6 Holes W/ 1-9/16" Circulator TBG Punch, POOH, LD Tool, MU 2-7/8" CR, RIH to 3900', set CR, POOH, LD Tool, RD WL.
MU Stinger, TIH to 3900', load Well W/ 22 BBL H2O, S/I check ROI, 1/2 BPM @ 300 PSI, RU to Pump Plug #3.
Plug #3 7" INTERM CSG Shoe 3950'-3800' Mix & Pump 45 SXS 15.8 PPG, 1.15 Yield, 51.7 CUFT, 9.2 BBL Slurry, Class G Cement, leaving 41 SXS outside 2-7/8" X 7" Annulus, 1 SXS below CR, 3 SXS above CR, DISP W/ 7 BBL H2O.
LD to next Plug, TOO, LD Stinger.
Secure Well & LOC.
Travel to Yard.

11/18/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-N/A, CSG-0, INTERM-0, BH-0 PSI, open Well to Pit.
TIH, Tag CR @ 3900', will have to Top Off Plug #3, load Well W/ 10 BBL H2O, RU to Pump Plug #3A.
Plug #3A 7" INTERM Shoe 3900'-3759' Mix & Pump 4 SXS, 15.8 PPG, 1.15 Yield, 4.6 CUFT, .8 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.
LD to next Plug, TOO H.
RU A-Plus WL, RIH to 3710', shoot 3 Holes W/ 1-9/16" Circulating Gun, POOH, LD Tool, check ROI, Pumped 1-1/2 BBL to 850 PSI Lockup, no Rate.
Decision to Run 2nd CBL to Verify Cement behind 7" INTERM. Wait on Bond Tool.
PU Bond Tool, RIH to 3770', Run CBL, saw good Bond from 3500'-3770', POOH, LD Tool, RD WL.
TIH to 3710', RU to Pump Plug #4.
Plug #4 Pictured Cliffs Top 3760'-3476' Mix & Pump 8 SXS, 15.8 PPG, 1.15 Yield, 9.2 CUFT, 1.6 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.
LD 10 JTS, SB 12 STDS.
Secure Well & LOC.
Travel to Yard.

11/19/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, INTERM-0, BH-0 PSI, open Well to Pit.
TIH, Tag Plug #4 @ 3580', good Tag.
LD 1-1/4" TBG on Pipe Trailer.
RU A-Plus WL, RIH to 3478', Cut 2-7/8" CSG, POOH, LD Tool, RD WL.
ND BOP, XO to 2-7/8" TBG Equip, NU BOP to 7" CSG Head. PU on TBG Hanger, (had to work Free).
Load Well W/ 55 BBL H2O, CIRC 145 BBL total, saw good Returns to Pit, PSI Test 7" CSG to 600 PSI, good Test.
PU on 2-7/8" String, saw it was Seamless Non Upset CSG, will need MYT Elevators, Orders from Hilcorp to LD 2-7/8" String, Wait on Elevators.
LD 111 JTS of 2-7/8" CSG on Pipe Trailer.
RU A-Plus WL, MU Bond Tool, RIH to 3450', run CBL, POOH, LD Tool, RD WL.
Secure Well & LOC.
Travel to Yard.

11/20/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-0 PSI, open Well to Pit.
PU Hilcorp 2-3/8" Work String, Tally In to 3290'. RU to Pump Plug #5.
Plug #5 Fruitland, Kirtland & Ojo Alamo Tops 3290'-2700' Mix & Pump 117 SXS,
15.8 PPG, 1.15 Yield, 134.5 CUFT, 23.9 BBL Slurry, Class G Cement, DISP W/ 10
BBL H2O.
LD to next Plug, RU to Pump Plug #6.
Plug #6 Nacimiento Top 1199'-999' Mix & Pump 42 SXS, 15.8 PPG, 1.15 Yield,
48.3 CUFT, 8.6 BBL Slurry, Class G Cement, DISP W/ 3 BBL H2O.
LD Work String.
RU A-Plus WL, RIH to 340', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool,
check ROI, Pump 1/2 BBL to 650 PSI Lockup, no Rate. RIH to 270', shoot 4 Holes
W/ 3-1/8" TAG Gun, POOH, LD Tool, check ROI, 1-1/2 BPM 2 100 PSI, RD WL.
TIH to 390', RU to Pump Surface Plug.
Plug #7 Surface 390'-0' Mix & Pump 122 SXS, 15.8 PPG, 1.15 Yield, 140.3 CUFT,
24.9 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.
LD Work String, secure Well & LOC.
Travel to Yard.

11/21/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Open Well, RD Work Floor, ND BOP, NU WH.
Perform Hot Work Permit & JSA for Cut Off, cut off WH, TOC in 7" CSG @ 4'
below Surface, TOC in 7" X 9-5/8" @ Surface, Install & Weld DH Marker @ LAT
36.73547, LONG -107.367798.
RD Daylight Pulling Unit.
Surface Top Off Mix & Pump 24 SXS, 15.8 PPG, 1.15 Yield, 27.6 CUFT, 4.9 BBL
Slurry, Class G Cement.
Clean & secure LOC.
Travel to Yard.

On Site Reps:

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

Well Name: SAN JUAN 29-5 UNIT #49

API / UWI 3003907647	Surface Legal Location 009-029N-005W-M	Field Name MV	Route 1208	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,701.00	Original KB/RT Elevation (ft) 6,714.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 12/1/2020
