

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.  
NMSF078741

6. If Indian, Allottee or Tribe Name

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.  
SAN JUAN 30-6 UNIT 32. Name of Operator  
HILCORP ENERGY COMPANY  
Contact: TAMMY JONES  
E-Mail: tajones@hilcorp.com9. API Well No.  
30-039-60098-00-S13a. Address  
1111 TRAVIS STREET  
HOUSTON, TX 770023b. Phone No. (include area code)  
Ph: 505.324.518510. Field and Pool or Exploratory Area  
BLANCO MESAVERDE

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

Sec 24 T30N R6W SWSW 0990FSL 0990FWL  
36.793340 N Lat, 107.419300 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 recomple 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 11/8/2019 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 #492881 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 (20JH0074SE)

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 **ACCEPTED**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



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

Name: San Juan 30-6 Unit #3  
API:30-039-060098

## Well Plugging Report

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### Work Detail

10/31/2019

Load supplies, travel to LOC.  
Service & start Equip, clean LOC, ready Equip for Road.  
Road Rig & Equip to LOC.  
HSM on JSA.  
Spot in Equip on LOC. Had to move separator to spot in Base Beam.  
RU Daylight Pulling Unit.  
Check PSI 2-3/8" TBG-0, 4-1/2" CSG-0, 7" INTERM-0, BH-0 PSI, RU Relief Lines,  
open Well to Pit.  
ND WH, Function Test & NU BOP, RU Work Floor.  
PU on TBG, pull 10K over String Weight, Gas began to Flow up TBG, Pump 15 BBL  
Kill, work TBG up & Down to free up TBG.  
RU Scan-X TBG Scanners, begin TOOH, TBG began to flow Gas, Pump 30 BBL Kill,  
continue Scanning out, SB 74 STDS, LD 47 JTS on Pipe Trailer, 195 2-3/8" JTS total.  
MU 4-1/2" Watermelon Mill, Tally In to 4718', SB 33 STDS.  
Secure Well & LOC.  
Travel to Yard.

11/01/2019

Load supplies, travel to LOC.  
HSM on JSA, service & start Equip.  
Check PSI TBG 185, CSG-185, INTERM-0, BH-0 PSI, open Well to Pit. CSG & TBG  
BD within 1 MIN. After BD crew noticed "Rotten Egg" smell, H2S was present,  
Well was S/I, Hilcorp Rep Juan Cardenas was notified, decision to call for  
Scavenger.  
Wait for Chemical Truck.  
Pump 20 Gal Scavenger followed by 5 Gal Biocide W/ Backer Hughes Chemical  
Truck. Pump 50 BBL H2O Flush/Kill down TBG.  
TOOH, SB 76 STDS, LD Mill.  
MU 4-1/2" TBG Set CIBP, TIH to 4647', set CIBP.  
Load Well W/ 55 BBL H2O, CIRC 90 BBL total, saw good Returns to Pit, attempt to  
PSI Test CSG, Pump 1 BPM @ 250 PSI, Injecting 3 BBL total, saw Flow through  
INTERM Valve, COMM between CSG & INTERM. no Test.  
TOOH, SB 76 STDS.  
HSM on WL JSA, RU A-Plus WL, RIH to 4647', run CBL, saw good Bond from 3150'-  
4647', POOH, LD Tool, RD WL.  
Secure Well & LOC.  
Travel to Yard.

11/04/2019

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.  
Check PSI TBG-N/A, CSG-0, INTERM-VAC, BH-0 PSI, open Well to Pit.  
MU Tag Sub, TIH to 4647', RU to Pump Plug #1. Load Well W/ 10 BBL H2O, CIRC 12 BBL total. **Received Verbal Approval from Joe Killins of BLM & Brandon Powell of NMOCD to combine Plugs #1 & #2.**  
Plug #1 Mesaverde PERFS & Intermediate Shoe 4647'-3877' Mix & Pump 60 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 69 CUFT, 12.2 BBL Slurry, Class G Cement, DISP W/ 15 BBL H2O.  
LD 25 JTS on Pipe Trailer, SB 12 STDS.  
Wait on Cement Sample to set.  
TIH, Ta Plug #1 @ 4019', good tag, LD to Plug #2.  
Plug #2 Pictured Cliffs & Fruitland Tops 3650'-3000' Mix & Pump 51 SXS, 15.8 PPG, 1.15 Yield, 58.6 CUFT, 10.4 BBL Slurry, Class G Cement, DISP W/ 11 BBL H2O.  
LD 22 JTS, SB 12 STDS.  
Secure Well & LOC.  
Travel to Yard.

11/05/2019

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 #2 @ 3137', LD to next Plug, SB 47 STDS.  
RU A-Plus WL, RIH to 2898', POOH, LD Tool, RD WL.  
MU 4-1/2" TBG Set CR, TIH to 2848', set CR. S/O Load Well W/ 3 BBL H2O, attempt to PSI Test CSG, Rate of 1-1/2 BPM @ 300 PSI, no Test, S/I, check ROI 1/2 BPM @ 700 PSI, no Rate. **Received Verbal approval from Joe Killins of BLM & Brandon Powell of NMOCD to Spot 180' Balanced Plug above CR from 2848'-2668' to cover Kirtland Formation, WOC & Tag Plug, PERF @ 2640', set CR @ 2590' to Isolate Ojo Alamo Formation.**  
Plug #3 Kirtland Top 2848'-2668' Mix & Pump 14 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 16.1 CUFT, 2.8 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.  
LD 10 JTS, SB 42 STDS.  
Wait on Cement Sample to set.  
TIH, Tag Plug #3 @ 2777', 27' below Kirtland Top, will need to Top Off.  
Plug #3A Kirtland Top 2777'-2674' Mix & Pump 8 SXS, 15.8 PPG, 1.15 Yield, 9.2 CUFT, 1.6 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.  
LD 6 JTS, SB 12 STDS.  
Secure Well & LOC.  
Travel to Yard.

11/06/2019

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 #3A @ 2770', will need to Top Off.  
Plug #3B Kirtland Top 2770'-2642' Mix & Pump 10 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 11.5 CUFT, 2 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.  
LD 4 JTS, SB 43 STDS.  
Wait on Cement Sample to set.  
TIH, Tag Plug #3B @ 2771', **received verbal approval from Brandon Powell of NMOCD & Joe Killins of BLM to set CR @ 2700' & Spot Cement below & outside 4-1/2" CSG to cover Kirtland Formation, S/O spot 50' above CR TOC @ 2650'.**  
TOOH, MU 4-1/2" TBG Set CR, TIH to 2700', set CR, check ROI immediate Lockup @ 600 PSI, no Rate, S/O Load Well W/ 1-1/2 BBL H2O, PSI Test CSG to 650 PSI, good Test, indicated CR was set across CSG Hole, **Verbal approval from BLM & NMOCD to Spot 50' Balanced Plug above CR, WOC overnight.**

Plug #3C 2700'-2650' Mix & Pump 4 SXS, 15.8 PPG, 1.15 Yield, 4.6 CUFT, .8 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.  
LD 3 JTS, TOO, LD Setting Tool.  
Secure Well & LOC.  
Travel to Yard.

11/07/2019

Load supplies, travel to LOC.  
HSM on JSA, service & start Equip.  
Check PSI TBG-N/A, CSG-0, INTERM-0, BH-0, open Well to Pit.  
TIH, Tag Plug #3C @ 2648', good Tag, TOO, LD Tag Sub.  
RU A-Plus WL, RIH to 2640', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL.  
MU 4-1/2" TBG Set CR, TIH to 2590', set CR. Check ROI, no Rate, TOO.  
RU A-Plus WL, RIH to 2588', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL.  
Check ROI, 2 BPM @ 100 PSI, CIRC 110 BBL H2O, saw good Returns to Pit.  
MU 4-1/2" Setting Tool, TIH to 2590', S/I CR, check ROI, no Rate established, TOO, LD Setting Tool, MU 4-1/2" TBG Set CR, TIH to 2553', set CR, check ROI, 2 BPM @ 100 PSI, RU to Pump Plug #4.  
Plug #4 Ojo Alamo Top 2588'-2350' Mix & Pump 40 SXS, 15.8 PPG, 1.15 Yield, 46 CUFT, 8.1 BBL Slurry, Class G Cement, leaving 21 SXS outside 4-1/2" CSG, leaving 3 SXS below CR inside 4-1/2" CSG, leaving 16 SXS above CR, DISP W/ 9 BBL H2O.  
LD to next Plug, TOO, LD Setting Tool.  
RU A-Plus WL, RIH to 1469' shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL.  
MU 4-1/2" TBG Set CR, TIH to 1419', set CR, check ROI, 2 BPM @ 100 PSI.  
Plug #5 Nacimiento Top 1469'-1303' Mix & Pump 35 SXS, 15.8 PPG, 1.15 Yield, 40.2 CUFT, 7.1 BBL Slurry, Class G Cement, leaving 22 SXS outside 4-1/2" CSG, 4 SXS below CR, 9 SXS above CR, DISP W/ 5 BBL H2O.  
LD TBG on Pipe Trailer, LD Setting Tool, Secure Well & LOC.  
Travel to Yard.

11/08/2019

P Load supplies, travel to LOC.  
P HSM on JSA, service & start Equip.  
P check PSI TBG-N/A, CSG-0, INTERM-0, BH-0, open Well to Pit.  
P RU A-Plus WL, RIH to 224', shoot 4 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL  
X Load CSG & INTERM W/ 4 BBL H2O, check ROI through BH, 300 PSI Lockup, no Rate.  
X Wait on Orders, decision by BLM Rep Derrick McCullins & Brandon Powell to fill both 4-1/2" & 7" INTERM W/ Cement, Cut Off WH, use Poly Pipe on Surface CSG to Cement up to Surface.  
P RD Work Floor, ND BOP, NU WH, RU to Pump Surface.  
P Plug #6 Surface 224'-0' Mix & Pump 59 SXS, 15.8 PPG, 1.15 Yield, 67.8 CUFT, 12 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.  
P Dig out Cellar, perform Hot Work Permit & JSA for WH Cut Off, cut off WH, TOC in 4-1/2" CSG @ 22', TOC in 4-1/2" X 7" Annulus @ 18', no TOC in 7" X 10-3/4" Annulus. Install & Weld on DH Marker @ LAT 36.793340, LONG 107.419300.  
P Surface Top Off RU Poly Pipe 90' below Surface in 7" X 10 3/4" Annulus, Mix & Pump 72 SXS, 15.8 PPG, 1.15 Yield, 82.8 CUFT, 14.7 BBL Slurry, Class G Cement, brought Cement to Surface.  
P RD Daylight Pulling Unit, RD Pump Truck.  
P Clean & Secure LOC.  
P Travel to Yard.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

## Comments

Date	Job	Comment
11/04/2019	Plug #1	Plug #1 Mesaverde PERFS & Intermediate Shoe 4647'-3877' Mix & Pump 60 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 69 CUFT, 12.2 BBL Slurry, Class G Cement, DISP W/ 15 BBL H2O.
	Plug #2	Plug #2 Pictured Cliffs & Fruitland Tops 3650'-3000' Mix & Pump 51 SXS, 15.8 PPG, 1.15 Yield, 58.6 CUFT, 10.4 BBL Slurry, Class G Cement, DISP W/ 11 BBL H2O.
11/05/2019	Plug #3	Plug #3 Kirtland Top 2848'-2668' Mix & Pump 14 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 16.1 CUFT, 2.8 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
	Plug #3A	Plug #3A Kirtland Top 2777'-2674' Mix & Pump 8 SXS, 15.8 PPG, 1.15 Yield, 9.2 CUFT, 1.6 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
11/06/2019	Plug #3B	Plug #3B Kirtland Top 2770'-2642' Mix & Pump 10 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 11.5 CUFT, 2 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
	Plug #3C	Plug #3C 2700'-2650' Mix & Pump 4 SXS, 15.8 PPG, 1.15 Yield, 4.6 CUFT, .8 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
11/07/2019	Plug #4	Plug #4 Ojo Alamo Top 2588'-.2350' Mix & Pump 40 SXS, 15.8 PPG, 1.15 Yield, 46 CUFT, 8.1 BBL Slurry, Class G Cement, leaving 21 SXS outside 4-1/2" CSG, leaving 3 SXS below CR inside 4-1/2" CSG, leaving 16 SXS above CR, DISP W/ 9 BBL H2O.
	Plug #5	Plug #5 Nacimiento Top 1469'-1303' Mix & Pump 35 SXS, 15.8 PPG, 1.15 Yield, 40.2 CUFT, 7.1 BBL Slurry, Class G Cement, leaving 22 SXS outside 4-1/2" CSG, 4 SXS below CR, 9 SXS above CR, DISP W/ 5 BBL H2O.
11/08/2019	Plug #6	Plug #6 Surface 224'-0' Mix & Pump 59 SXS, 15.8 PPG, 1.15 Yield, 67.8 CUFT, 12 BBL Slurry, Class G Cement, saw good Cement Returns to Pit.
	Surface	Surface Top Off RU Poly Pipe 90' below Surface in 7" X 10 3/4" Annulus, Mix & Pump 72 SXS, 15.8 PPG, 1.15 Yield, 82.8 CUFT, 14.7 BBL Slurry, Class G Cement, brought Cement to Surface.

## On Site Reps:

Name	Association	Notes
Derrick McCullins	BLM	On Loc
Juan Cardenas	Co. Rep.	On Loc
Rio Rig crew	Other	On Loc





Well Name: SAN JUAN 30-6 UNIT #3

API / UWI 3003960098	Surface Legal Location 024-030N-006W-M	Field Name BLANCO MV (PRO) #0078	Route 1106	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,663.00	Original KB/RT Elevation (ft) 6,675.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

## Sidetrack 1, 11/19/2019 9:22:37 AM

