

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.
NMSF078877

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.
CANYON LARGO 122 NP

2. Name of Operator

HILCORP ENERGY COMPANY

Contact: ETTA TRUJILLO

E-Mail: ettrujillo@hilcorp.com

9. API Well No.
30-039-05532-00-S1

3a. Address

1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 505-324-5161

10. Field and Pool or Exploratory Area
DEVIL'S FORK

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

Sec 8 T24N R6W SWSE 0790FSL 1650FEL
36.322144 N Lat, 107.487671 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 P&A'd on 10/18/2019 per the attached notification, summary report and wellbore schematic.

NMOC

NOV 06 2019

DISTRICT III

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

Electronic Submission #490831 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 11/05/2019 (20JK0047SE)

Name (Printed/Typed) ETTA TRUJILLO

Title OPERATIONS/REGULATORY TECH SR

Signature (Electronic Submission)

Date 11/01/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**JOE KILLINS
Title ENGINEER

Date 11/05/201

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 **

A

8

API: 30-039-05532

Well Name: Canyon Largo Unit NP 122

Plugged & Abandoned Notifications

9/13/2019 – Hilcorp Energy received verbal approval from Joe Killins (BLM) and Brandon Powell (NMOCD) to remove the cement coverage across the “Legal MV Top” and use the cement coverage across the Cliffhouse as an effective means to official P&A the Mesa Verde. **Add a cement plug from 3,521’-3,621’ (covering the Cliffhouse). COA: Add Mancos Plug 4540’-4440’, Chacra Plug 2910’-2810’. NMOCD OCD Mancos top: 4490’, Chacra top: 2890’.**

Received verbal approval from Joe Killins (BLM) and Brandon Powell (NMOCD) for all the following dates:

10/10/2019 – TIH and spot a 100’ plug (50’ excess) on top of the CICR @ 4,336’. Hilcorp will not tag this plug. Hilcorp will set a CIBP @ 4,223 (50’ above the MV perfs), TOO H, run a CBL from the CIBP to surface and send the CBL results to BLM/NMOCD.

10/11/2019 – Tagged fill @ 4,298 on top of the cement retainer @ 4,336’. Because we cannot circulate safely on this wellbore, we will spot a 100’ balance plug (50’ excess) on top of the fill, with an estimated TOC @ 4,148’ with the excess cement included. Set our CIBP @ 4,120’ to isolate the MV perfs.

10/14/2019 - Based on the CBL, the following changes have been made to the Chacra plug: Hilcorp will shoot squeeze holes @ +/- 2,910’ and set a cement retainer @ 2,900’ and attempt to establish an injection rate. If an injection rate is established, Hilcorp will pump cement from 2,810’-2,910’ (39 sacks with 100% excess). If an injection rate cannot be established, Hilcorp will pump a 100’ balance plug plus 50’ excess (12 sacks) from 2,800’-2,900’.

10/15/2019 - Hilcorp will pump plug #4 (Pictured Cliffs/Fruitland Tops) this morning on the Canyon Largo Unit NP 122. Hilcorp will WOC and follow the WOC with a 2 hour shut-in and observe pressures. Hilcorp will follow up with NMOCD/BLM with the results of the 2 hours shut-in.

10/16/2019 (am) - For Plug #5 (Nacimiento, Ojo Alamo, and Kirtland Tops), Hilcorp perfed squeeze holes @ 1,640’ and set a retainer @ 1,590’. Hilcorp was unable to establish an injection rate into the squeeze holes. Hilcorp will spot a 100’ balance plug from 1,490-1,590’ to isolate the Kirtland and WOC. Hilcorp will then perf squeeze holes @ 1,460’ and set a retainer @ 1,450’. Hilcorp will pump 250 sacks (100% excess) of cement through the squeeze perfs with an estimated TOC @ 830’ and BOC @ 1,460’. Hilcorp will then spot a 620’ balance plug from 830’-1,450’ on top of the cement retainer (60 sacks, 150’ excess).

10/16/2019 (pm) - Hilcorp was unable to establish an injection rate through the squeeze holes @ 1,460’. Hilcorp will shoot a second set of squeeze holes @ 1,400’ and attempt to establish an injection rate through the squeeze holes @ 1,460’, up and back through the squeeze holes @ 1,400’. If Hilcorp is successful in establishing circulation, we will pump 24 sacks through the retainer, sting out and pump another 12 sacks (100’ plug + 50’ excess) on top of the cement retainer. If circulation cannot be establish, Hilcorp will sting out and pump 12 sacks on top of the cement retainer and WOC.

10/17/19 - For the Nacimiento Top (880’); Hilcorp will shoot squeeze perfs @ 930’ and set a cement retainer @ 880’. Hilcorp will inject 44 sacks of cement (50’ below retainer, 40 sacks in the 4-1/2” x 7-7/8” annulus which accounts for a 100’ cement plus 100% excess). Hilcorp will sting out and pump 18 sacks on top of the retainer (100’ plug + 120’ excess). If Hilcorp cannot establish an injection rate, we will shoot another set of squeeze perfs @ 830’ and attempt to circulate between the squeeze perfs @ 930’ and 830’ and into the 4-1/2” casing.

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



Name: Canyon Largo Unit NP
122
API:30-039-05532

Well Plugging Report

Work Detail

Plug #1	Mesaverde PERFS 4298'-4144' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 16 BBL H2O.
Plug #2	Mesaverde & Cliff House Tops 4121'-3421' Mix & Pump 55 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 63.2 CUFT, 11.2 BBL Slurry, Class G Cement, DISP W/ 13 BBL H2O.
Plug #3	Plug #3 Chacra Top 2900'-2630' Mix & Pump 21 SXS, 15.8 PPG, 1.15 Yield, 24.1 CUFT, 4.3 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
Plug #4	Pictured Cliffs & Fruitland Tops 2095'-1697' Mix & Pump 31 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 35.6 CUFT, 6.3 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.
Plug #5	Kirtland Top 1590'-1490' Mix & Pump 8 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 9.2 CUFT, 1.6 BBL Slurry, Class G Cement, DISP W/ 5 BBL H2O.
Plug #6	Ojo Alamo Top 1460'-1296' Mix & Pump 36 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 41.4 CUFT, 7.3 BBL Slurry, Class G Cement, DISP W/ 5 BBL H2O. Leaving 24 SXS in 4-1/2" CSG X 7-7/8" OH, 12 SXS above CR.
Plug #7	Plug #7 Nacimiento Top 930'-649' Mix & Pump 54 SXS, 15.8 PPG, 1.15 Yield, 62.1 CUFT, 11 BBL Slurry, Class G Cement, leaving 32 SXS in 4-1/2" X 7-7/8" OH, 4 SXS below CR in 4-1/2" CSG, 18 SXS above CR in 4-1/2" CSG, final S/O Pressure @ 500 PSI, S/O, DISP W/ 2.5 BBL H2O.
Plug #8	Surface 221'-0' Mix & Pump 105 SXS, 15.8 PPG, 1.15 Yield, 120.7 CUFT, 21.5 BBL Slurry, Class G Cement, saw good Cement Returns to Surface.
Top Off	Surface Top Off Mix & Pump 38 SXS, 15.8 PPG, 1.15 Yield, 43.7 CUFT, 7.7 BBL Slurry, Class G Cement.

10/09/2019

Road Rig & Equip to LOC.
HSM on JSA.
Spot in, RU Daylight Pulling Unit & Pump, check PSI TBG-0, 4-1/2" CSG-0, BH-0 PSI, RU Relief Line, open Well to Pit.
XO to Rod Handling Tools, LD 1 Polish Rod, 2 8' Pony Subs 169 3/4" Rods, 1 Insert Pump, XO to TBG Equip.
ND WH, Function Test & NU BOP, Ru Work Floor.
Unset Packer, LD 65 2-3/8" JTS on Pipe Trailer.
Secure Well & LOC.
Travel to Yard.

10/10/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-0 PSI, open Well to Pit.
LD 67 JTS, 1 Packer, 2 JTS, SN, 4' PERF Sub, 14' Mud Anchor. 134 JTS total on Pipe Trailer. Swap Pipe Trailers.
MU 3-7/8" Bit & 2-3/8" Bit Sub, PU & Tally Hilcorp 2-3/8" Work String to 3719', RU Flow Back Pit & Flow Line, attempt to unload Well W/ High Tec Air Unit, saw flow out of 8-5/8" Surface CSG, shut down Air Unit.
TOOH, LD Bit & Bit Sub, MU 4-1/2" Watermelon Mill TIH to 4278', TOOH.
Secure Well & LOC.
Travel to Yard.

10/11/2019

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 Tag Sub, TIH, Tag @ 4298', RU to Pump Plug #1.
Received verbal approval from Joe Killins of BLM & Brandon Powell of NMOCD to Pump 150' Balance Plug 4298'-4148' W/ No Tag, TOOH, TIH W/ 4-1/2" TBG set BP @ 4130', Roll Hole, attempt to run CBL.
Plug #1 Mesaverde PERFS 4298'-4144' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 16 BBL H2O.
LD 5 JTS on Pipe Trailer, SB 66 STDS, LD Tag Sub.
MU 4-1/2" TBG Set BP, TIH to 4123', set BP, Load Well with 1-1/2 BBL H2O, CIRC 20 BBL total, saw good Returns to Pit, saw flow coming from ground, assuming Hole/Split in Surface CSG. Decision to stop Pump OPS.
TOOH, SB 65 STDS.
HSM on WL JSA, RU Basin WL, RIH to 4123, run CBL, saw good Bond @ 1850'-2220' & from 3270'-4123', POOH, LD tool, RD WL.
Secure Well & LOC.
Travel to Yard.

10/14/2019

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 Tag Sub, TIH to 4121', RU to Pump Plug #2.
Plug #2 Mesaverde & Cliff House Tops 4121'-3421' Mix & Pump 55 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 63.2 CUFT, 11.2 BBL Slurry, Class G Cement, DISP W/ 13 BBL H2O.
LD 24 JTS on Pipe Trailer, SB 12 STDS.

TIH, Tag Plug #2 @ 3441', good Tag, LD to next Plug, SB 46 STDS.

HSM on WL JSA, RU Basin WL, RIH to 2910', shoot 3 Holes W/ 3-1/8" Tag Gun, POOH, LD Tool, RD WL.

MU 4-1/2" TBG Set CR, TIH to 2900', se, CR, check ROI, Pump 1 BBL to 750 PSI Lockup, no Rate. RU to Pump Plug #3.

Plug #3 Chacra Top 2900'-2630' Mix & Pump 21 SXS, 15.8 PPG, 1.15 Yield, 24.1 CUFT, 4.3 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.

LD 10 JTS on Pipe Trailer, SB 41 STDS.

Secure Well & LOC.

Travel to Yard.

10/15/2019

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 Tag Sub, TIH Tag Plug #3 @ 2666', good Tag. LD to next Plug.

Plug #4 Pictured Cliffs & Fruitland Tops 2095'-1697' Mix & Pump 31 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 35.6 CUFT, 6.3 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O.

LD 12 JTS on Pipe Trailer, SB 12 STDS.

Wait on Cement Sample to set.

Orders from Brandon Powell of NMOCD to Perform a 2 HR Shut In on Surface CSG & record Pressure. 0 PSI on BH Valve.

TIH, Tag Plug #4 @ 1802', good Tag, LD 8 JTS, SB 25 STDS, LD Tag Sub.

RU Basin WL, TIH, shoot 3 Holes W/ 3-1/8" Tag Gun, POOH, LD Tool, RD WL.

MU 4-1/2" TBG Set CR, TIH to 1590'.

Secure Well & LOC.

Travel to Yard.

10/16/2019

Load supplies, travel to LOC.

HSM on JSA, service & start Equip.

Check PSI TBG-0, CSG-0, BH-0 PSI, open Well to Pit.

Set CR @ 1590' check ROI, Pump 1 BBL H2O to 650 PSI Lockup, no Rate. Discuss W/ Joe Killins W/ BLM & Brandon Powell W/ NMOCD, decision to Pump 100' Plug above CR to isolate the Kirtland Zone & WOC.

Plug #5 Kirtland Top 1590'-1490' Mix & Pump 8 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 9.2 CUFT, 1.6 BBL Slurry, Class G Cement, DISP W/ 5 BBL H2O.

LD 5 JTS, SB 23 STDS, LD Setting Tool.

Wait on Cement Sample to set.

MU Tag Sub, TIH, Tag Plug #5 @ 1542', good Tag, TOOH, SB 23 STDS, LD Tag Sub.

RU Basin WL, TIH to 1460', shoot 3 Holes W/ 3-1/8" Tag Gun, POOH, LD Tool, RD WL.

MU 4-1/2" TBG Set CR, TIH to 1450', set CR, check ROI, Pump 1 BBL to 650 PSI Lockup.

TOOH, SB 23 STDS, LD Setting Tool.

Travel to Yard.

10/17/2019

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.

Load Well W/ 1 BBL H2O, RU Basin WL, RIH to 1400', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL.

MU Setting Tool (Stinger) TIH to 1445', Load Well W/ 2 BBL H2O, CIRC 15 BBL, saw good Returns to Pit, S/I CR set @ 1450', check ROI, 1 BPM @ 100 PSI, CIRC 10

& out CSG Valve.

Plug #6 Ojo Alamo Top 1460'-1296' Mix & Pump 36 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 41.4 CUFT, 7.3 BBL Slurry, Class G Cement, DISP W/ 5 BBL H2O. Leaving 24 SXS in 4-1/2" CSG X 7-7/8" OH, 12 SXS above CR.

LD 12 JTS, SB 17 STDS.

Wait on Cement Sample to set.

MU Tag Sub, TIH, Tag Plug #6 @ 1345', good Tag, LD 15 JTS, SB 14 STDS.

RU Basin WL, RIH to 930', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL.

MU 4-1/2" TBG Set CR, TIH to 880', set CR, check ROI 1 BPM @ 450 PSI, saw Flow through CSG Valve indicating Hole above CR. Discuss W/ JD Lorence Hilcorp Rep, got Verbal Approval from Brandon Powell of NMOCD & Joe Killins on BLM to proceed W/ Plug #7.

Plug #7 Nacimiento Top 930'-649' Mix & Pump 54 SXS, 15.8 PPG, 1.15 Yield, 62.1 CUFT, 11 BBL Slurry, Class G Cement, leaving 32 SXS in 4-1/2" X 7-7/8" OH, 4 SXS below CR in 4-1/2" CSG, 18 SXS above CR in 4-1/2" CSG, final S/O Pressure @ 500 PSI, S/O, DISP W/ 2.5 BBL H2O.

LD 8 JTS, SB 16 STDS.

Secure Well & LOC.

Travel to Yard.

10/18/2019

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 Tag Sub, TIH, Tag Plug #7 @ 623', good Tag, LD Work String.

RU Basin WL, RIH to 221', shoot 3 Holes W/ 3-1/8" TAG Gun, POOH, LD Tool, RD WL.

PU 7 JTS, TIH to 221', check ROI, 1-1/2 BPM @ 0 PSI, Pump 5 BBL H2O, RU to Pump Surface Plug.

Plug #8 Surface 221'-0' Mix & Pump 105 SXS, 15.8 PPG, 1.15 Yield, 120.7 CUFT, 21.5 BBL Slurry, Class G Cement, saw good Cement Returns to Surface.

LD Work String, wash up BOP, shut in Well.

Wait on Cement to set.

Tag Surface Plug @ 18' in 4-1/2" CSG, RD Work Floor, ND BOP, dig out Cellar.

Perform Hot Work Permit & JSA for WH Cut Off, cut off WH, TOC @ 10' below Surface in 4-1/2" X 8-5/8" Annulus, 18' in 4-1/2" CSG, install & weld on DH Marker @ LAT 36.322245, LONG -107.488137.

RD Daylight Pulling Unit, MOL.

Surface Top Off Mix & Pump 38 SXS, 15.8 PPG, 1.15 Yield, 43.7 CUFT, 7.7 BBL Slurry, Class G Cement.

Travel to Yard.

On Site Reps:

Name	Association	Notes
Jimmie Dobson	BLM	On Loc
Joe McElreath	Co. Rep.	On Loc
Juan Cardenas	Co. Rep.	On Loc
Rio Rig Crew	Other	On Loc

Well Name: CANYON LARGO UNIT NP #122

API / UWI 3003905532	Surface Legal Location O-8-24N-6W	Field Name	Route 1409	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,496.00	Original KB/RT Elevation (ft) 6,507.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 11/1/2019 11:04:29 AM


