

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.
NMSF078922

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
891001059C8. Well Name and No.
CANYON LARGO UNIT 3401. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
HILCORP ENERGY COMPANY
Contact: ETTA TRUJILLO
E-Mail: ettrujillo@hilcorp.com9. API Well No.
30-039-23402-00-S13a. Address
1111 TRAVIS STREET
HOUSTON, TX 770023b. Phone No. (include area code)
Ph: 505-324-516110. Field and Pool or Exploratory Area
DEVIL'S FORK

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

Sec 1 T24N R7W NESE 1850FSL 0990FEL
36.339127 N Lat, 107.521240 W Lon11. 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 10/09/2019 per the attached notification, summary report and wellbore schematic.

NMOC

OCT 21 2019

DISTRICT III

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

Electronic Submission #488513 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 10/18/2019 (20JK0005SE)

Name (Printed/Typed) ETTA TRUJILLO

Title OPERATIONS/REGULATORY TECH SR

Signature (Electronic Submission)

Date 10/16/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JOE KILLINS
Title ENGINEER

Date 10/18/2019

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 ****

A

8

API: 30-039-23402

Well Name: Canyon Largo Unit 340

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. **Remove plug from 3,231'-3,331' (covering Legal MV Top), and add a cement plug from 3,680'-3,780' (covering the Cliffhouse).** **NMOCD COA: Add Chacra Plug 3061'-2961'; Chacra top: 3011'. Extend Mancos/Gallup Plug 5468' – 4561'; Mancos top: 4611'.**

10/03/2019 – Hilcorp Energy received verbal approval from Joe Killins (BLM) and Brandon Powell (NMOCD) for following:

1. Combine Plug #2 & Plug #3 into **new Plug #2** (Cliffhouse and Chacra Legal Top): Spot balance plug from 2,961'-3,780' (75 sacks of cement with 150' excess cement).
2. Plug #4 will now become **new Plug #3** and will only cover the Kirtland, Fruitland, and Pictured Cliffs Legal Tops: 1,660'-2,258' (52 sacks of cement w/ 75' excess).
3. **New Plug #4** (Ojo Alamo Legal Top): Perf squeeze holes @ 1,580' and set cement retainer @ 1,570'. Attempt to establish injection, if injection rate is establish, squeeze 30 sacks of cement from 1,510'-1,580' (100% excess) and 10' of cement below retainer, sting out of the retainer and pump an additional 10 sacks on the retainer (1,510'-1,570' plus 50' excess). If an injection rate cannot be established, Hilcorp will sting out of the retainer and pump 10 sacks on the retainer (1,510'-1,570' plus 50' excess). **NMOCD COA: needs to be a minimum of 100' of cement excess; 1580'-1480'.**
4. **New Plug #5** (Nacimiento Legal Top): Perf squeeze holes @ 957' and set cement retainer @ 947'. Attempt to establish injection, if injection rate is establish, squeeze 40 sacks of cement from 857'-957' (100% excess) and 10' of cement below retainer, sting out of the retainer and pump an additional 11 sacks on the retainer (857'-947' plus 50' excess). If an injection rate cannot be established, Hilcorp will sting out of the retainer and pump 11 sacks on the retainer (857'-947' plus 50' excess).
5. **Plug #1** and the surface plug remained the same.

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



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

Name: Canyon Largo Unit #340
API:30-039-23402, 10/11/2019

Well Plugging Report

Plug #1 Gallup PERFS & Mancos Top 5468'-4376' Mix & Pump 85 SXS, 15.8 PPG, 1.15 Yield, 97.7 CUFT, 17.4 BBL Slurry, Class G Cement, DISP W/ 17 BBL H2O. Tag Plug @ 4457'.

Plug #2 Cliff House & Chacra Tops 3780'-2711' Mix & Pump 85 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 97.7 CUFT, 17.4 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O. Tag Plug #2 @ 2691'.

Plug #3 Pictured Cliffs, Fruitland & Kirtland Tops 2258'-1616' Mix & Pump 50 SXS, 15.8 PPG, 1.15 Yield, 57.5 CUFT, 10.2 BBL Slurry, Class G Cement, DISP W/ 6 BBL H2O. Tag Plug #3 @ 1650'.

Plug #4 Ojo Alamo Top 1580'-1460' Mix & Pump 42 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 48.3 CUFT, 8.6 BBL Slurry, Class G Cement, leaving 30 SXS in 4-1/2" X 7-7/8" OH, 12 SXS above CR. Tag Plug #4 @ 1360'.

Plug #5 Nacimiento Top 957'-793' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 3 BBL H2O. TAG Plug #5 @ 787'.

Plug #6 Surface 276'-0' Mix & Pump 118 SXS, 15.8 PPG, 1.15 Yield, 135.7 CUFT, 24.1 BBL Slurry, Class G Cement, saw good Cement Returns to Pit through BH Valve. Tag TOC @ 27'.

Surface Top Off Mix & Pump 27 SXS, 15.8 PPG, 1.15 Yield, 31 CUFT, 5.5 BBL Slurry, Class G Cement.

10/01/2019

Road Rig & Equip to LOC.
HSM on JSA.
Spot Rig & Equip on LOC, RU Daylight Pulling Unit.
Check PSI 2-3/8" TBG-0, 4-1/2" CSG-0, BH-0 PSI, RU Relief Line, open Well to Pit.
XO to Rod Lifting Equip, TOO H W/ Rods. LD one Polish Rod, 219 3/4" Rods, six 7/8" Rods, one 1-1/4' Insert Pump. XO to TBG Equip.
Secure Well & LOC.
Travel to Yard.

10/02/2019

Load Supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-VAC, open Well to Pit.
ND WH, Function Test & NU BOP, RU Work Floor.
Unseat Packer, TOO H, LD 167 JTS, Packer, 10 JTS, SN, 4' PERF Sub, Mud Anchor.
177 2-3/8" JTS Total.
MU 4-1/2" Watermelon Mill, PU & Tally in Hole W/ 2-3/8' Hilcorp workstring to
5468', TOO H, SB 87 STDS, LD Mill.
MU 4-1/2" TBG BP, TIH to 5468', set BP.
Load Well W/ 5 BBL H2O, CIRC W/ 90 BBL, saw clean returns to Pit. Attempt to
PSI Test CSG, no Test.
Secure Well & LOC.
Travel to Yard.

10/03/2019

Load Supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-VAC, open well to Pit.
TOOH, SB 87 STDS.
RU A-Plus WL, RIH to 5468', run CBL, POOH, LD Tool, RD WL.
Verify & Approve P/A OPS based on CBL W/ both BLM & NMOCD.
MU Tag Sub, TIH to 5468'. RU to Pump Plug #1, Load well W/ 2 BBL H2O, CIRC 25
BBL, saw good returns to Pit.
Plug #1 Gallup PERFS & Mancos Top 5468'-4376' Mix & Pump 85 SXS, 15.8 PPG,
1.15 Yield, 97.7 CUFT, 17.4 BBL Slurry, Class G Cement, DISP W/ 17 BBL H2O.
SB 24 STDS, LD 35 JTS on Pipe Trailer.
Secure Well & LOC.
Travel to Yard.

10/04/2019

Load Supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-VAC, open Well to LOC.
TIH Tag Plug @ 4457', good Tag. LD to 3780', RU to Pump Plug #2.
Plug #2 Cliff House & Chacra Tops 3780'-2711' Mix & Pump 85 SXS W/ 2% CC,
15.8 PPG, 1.15 Yield, 97.7 CUFT, 17.4 BBL Slurry, Class G Cement, DISP W/ 10 BBL
H2O.
LD 18 JTS on Pipe Trailer, SB 12 STDS.
Wait on Cement Sample to set.
TIH, Tag Plug #2 @ 2691', good Tag, LD to 2258', RU to Pump Plug #3.
Plug #3 Pictured Cliffs, Fruitland & Kirtland Tops 2258'-1616' Mix & Pump 50 SXS,
15.8 PPG, 1.15 Yield, 57.5 CUFT, 10.2 BBL Slurry, Class G Cement, DISP W/ 6 BBL
H2O.
LD 22 JTS on Pipe Trailer, SB 12 TS DS.
Secure Well & LOC.
Travel to Yard.

10/07/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
Check PSI TBG-0, CSG-0, BH-0 PSI, open Well to Pit.
TIH, Tag Plug #3 @ 1650', good Tag, LD to next Plug, SB 25 STDS.
HSM on WL JSA, RU A-Plus WL, RIH to 1580', shoot 3 Holes W/ 3-1/8" HSC, POOH, LD Tool, RD WL.
MU 4-1/2" TBG Set CR, TIH to 1570', set CR, S/O load CSG W/ 1/2 BBL H2O, S/I check ROI, 1/2 BPM @ 300 PSI.
Plug #4 Ojo Alamo Top 1580'-1460' Mix & Pump 42 SXS W/ 2% CC, 15.8 PPG, 1.15 Yield, 48.3 CUFT, 8.6 BBL Slurry, Class G Cement, leaving 30 SXS in 4-1/2" X 7-7/8" OH, 12 SXS above CR, Initial Pump Pressure @ 300 PSI, Final S/O Pressure 450 PSI, DISP W/ 5 BBL H2O.
LD 8 JTS on Pipe Trailer, SB 21 STDS.
Wait on Cement Sample to set.
TIH, Tag Plug #4 @ 1360', good tag, LD to next Plug, SB 15 STDS.
RU A-Plus WL, TIH to 957', shoot 3 Holes with 3-1/8" HSC, POOH, LD Tool, RD WL.
MU 4-1/2" TBG Set CR, TIH to 947', set CR, check ROI, Pump 1 BBL H2O to 600 PSI Lockup. S/O RU to Pump Plug #5.
Plug #5 Nacimiento Top 957'-793' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 3 BBL H2O.
LD 6 JTS on Pipe Trailer, SB 12 STDS.
Secure Well & LOC.
Travel to Yard.

10/08/2019

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.
TIH, TAG Plug #5 @ 787', good Tag, LD 15 JTS, SB 4 STDS.
RU A-Plus WL, RIH to 276', shoot 4 Holes W/ 3-1/8" Tag Gun, POOH, LD Tool, RD WL.
TIH to 276', check ROI, 2 BPM @ 100 PSI, CIRC 16 BBL H2O, saw clean Returns to Pit.
Plug #6 Surface 276'-0' Mix & Pump 118 SXS, 15.8 PPG, 1.15 Yield, 135.7 CUFT, 24.1 BBL Slurry, Class G Cement, saw good Cement Returns to Pit through BH Valve.
LD Work String on Pipe Trailer.
RD Work Floor & Pump. Attempt to Tag TOC in 4-1/2" CSG, Cement to Green to Tag. Decision to WOC Plug.
Attempt to Tag TOC in CSG, cement still green, decision to Tag in AM. Secure Well & LOC.
Travel to Yard.

10/09/2019

Load supplies, travel to LOC.
HSM on JSA, service & start Equip.
ND BOP, NU WH, dig out Cellar.
Perform Hot Work Permit & JSA for Cut Off. Cut off WH, TOC in 4-1/2" CSG @ 27', TOC in 4-1/2" X 8-5/8" Annulus @ 14'. Install & Weld on DH Marker. GPS Coordinates Lat 36.339514, Long -107.521687.
RD Daylight Pulling Unit, MOL.
Surface Top Off Mix & Pump 27 SXS, 15.8 PPG, 1.15 Yield, 31 CUFT, 5.5 BBL Slurry, Class G Cement.
Clean LOC, ready Equip for Road.

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: CANYON LARGO UNIT #340

API / UWI 3003923402	Surface Legal Location I-1-24N-7W	Field Name	Route 1409	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,578.00	Original KB/RT Elevation (ft) 6,590.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 10/16/2019 1:19:48 PM


