

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF078874
2. Name of Operator HILCORP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: ETTA TRUJILLO E-Mail: ettrujillo@hilcorp.com		7. If Unit or CA/Agreement, Name and/or No. 891001059C
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 505-324-5161	8. Well Name and No. CANYON LARGO UNIT 301
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T24N R6W SWSW 0790FSL 0990FWL 36.336517 N Lat, 107.478745 W Lon		9. API Well No. 30-039-22451-00-S1
		10. Field and Pool or Exploratory Area DEVIL'S FORK
		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 09/19/2019 per the attached summary report and wellbore schematic.

DISTRICT 111
SEP 30 2019
NMCD

14. I hereby certify that the foregoing is true and correct. Electronic Submission #484993 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOHN HOFFMAN on 09/30/2019 (19AMW0488SE)	
Name (Printed/Typed) ETTA TRUJILLO	Title OPERATIONS/REGULATORY TECH SR
Signature (Electronic Submission)	Date 09/25/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JOHN HOFFMAN Title PETROLEUM ENGINEER	Date 09/30/2019
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 ****

Handwritten mark

Handwritten mark

Worked on Monday, 09/16/2019

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



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

Name: Canyon Largo Unit #301
API:30-039-22451
Rio #21

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	09:30 AM	P	Load Supplies, Road Rig & Equip to Lease Road, had to chain up Rig & Equip due to muddy road conditions. Travel to LOC.
09:30 AM	10:00 AM	P	HSM on JSA.
10:00 AM	11:30 AM	P	Spot in Rig, RU Daylight Pulling Unit, RU Pump Truck & Pump Lines, check PSI 2-3/8" TBG-0, 4-1/2" CSG-0, BH-0 PSI.
11:30 AM	01:30 PM	P	ND WH, Function Test & NU BOP. RU Work Floor & TBG Equip.
01:30 PM	03:00 PM	U	Wait on Waste Pits. RU Relief Lines.
03:00 PM	03:30 PM	P	Load Well W/ 1 BBL H2O, CIRC 30 BBL Fresh H2O total, saw clean Returns to Pit.
03:30 PM	05:00 PM	P	TOOH & Tally, SB 83 STDS, LD SN. 166 JTS of 2-3/8" TBG total on LOC. Load Well W/ 4 BBL H2O.
05:00 PM	05:30 PM	P	Secure Well & LOC.
05:30 PM	07:00 PM	P	Travel to Yard.

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

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Soliz, Roberto	13.00	84 - Crew PU
Operator:	Witzman, Jeff	13.00	
Derrick:	Castellon, Romeo	13.00	

On Site Reps:

Name	Association	Notes
Juan Cardenas	Co. Rep.	On Loc
Rio Rig Crew	Other	On Loc

Equipment:

308 - Green Water Trailer, 130B
Base Beam #1
9 - G-PAD

Worked on Tuesday, 09/17/2019



Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499

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

Name: Canyon Largo Unit #301
API:30-039-22451
Rio #21

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	06:30 AM	P	Load Supplies, travel to LOC.
06:30 AM	07:00 AM	P	HSM on JSA.
07:00 AM	07:30 AM	P	Check PSI TBG-0, CSG-0, BH-0 PSI. Open Well to Pit.
07:30 AM	09:30 AM	P	RU A-Plus WL, MU Bond Tool, RIH to 5350', run CBL, saw goo Cement Bond 1190'-4560' outside 4-1/2" CSG. Saw Void from 4560'-5100', Verified W/ Brandon Powell of NMOCD, Orders to PERF @ 4719' to Isolate Mancos from Point Lookout Formation Per NMOCD Request. POOH, LD Tool, RD WL.
09:30 AM	11:30 AM	P	TIH W/ TBG to 5350', (had to LD 5 bent JTS on Pipe Trailer).
11:30 AM	12:30 PM	P	RU to Pump down TBG, Load Well W/ 7 BBL H2O, PSI Test CSG, good test, drop Standing Valve down TBG, PSI Test TBG, good Test. RU Weight Bar & Fishing Tool to Sand Line, RIH to EOT, latch on & POOH W/ Standing Valve, RD Sand Line & Tools.
12:30 PM	01:00 PM	P	Plug #1 Gallup PERFS & Top 5350'-4862' Mix & Pump 38 SXS, 15.8 PPG, 1.15 Yield, 43.7 CUFT, 7.7 BBL Slurry, Class G Cement. DISP W/ 18 BBL H2O.
01:00 PM	03:30 PM	P	LD 16 JTS on Pipe Trailer, TOOH W/ 76 STDS.
03:30 PM	04:00 PM	P	RU A-Plus WL, TIH to 4720', shoot 3 Holes W/ 3-1/8" HSC, POOH, LD Tool, RD WL.
04:00 PM	04:30 PM	U	Check ROI, 1/2 BBL 500 PSI Lockup. Secure Well & LOC.
04:30 PM	06:00 PM	P	Travel to Yard.

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

Comments

Job	Comment
Plug #1	Plug #1 Gallup PERFS & Top 5350'-4862' Mix & Pump 38 SXS, 15.8 PPG, 1.15 Yield, 43.7 CUFT, 7.7 BBL Slurry, Class G Cement. DISP W/ 18 BBL H2O.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Soliz, Roberto	13.00	84 - Crew PU
Operator:	Witzman, Jeff	13.00	
Derrick:	Castellon, Romeo	13.00	

On Site Reps:

Name	Association	Notes
------	-------------	-------

Worked on Tuesday, 09/17/2019

Mark Decker
Juan Cardenas
Rio Rig Crew

BLM
Co. Rep.
Other

On Loc
On Loc
On Loc

Equipment:

Base Beam #1

9 - G-PAD

#645 lgr. - WASTE PITS

#595 lgr. - WASTE PITS

117 - Teal 45' Trailer

#413 - TANKS

Worked on Wednesday, 09/18/2019



Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499

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

Name: Canyon Largo Unit #301
API:30-039-22451
Rio #21

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	06:30 AM	P	Load Supplies, travel to LOC.
06:30 AM	07:00 AM	P	HSM on JSA, service & start Equip.
07:00 AM	07:30 AM	P	Check PSI TBG-N/A, CSG-0, BH-0 PSI, open Well to Pit.
07:30 AM	08:30 AM	P	TIH to 4770'.
08:30 AM	09:00 AM	P	Plug #1A Mancos Top 4770'-4616' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 18 BBL H2O.
09:00 AM	09:30 AM	P	LD to 3680', RU to Pump Plug #2, load Well W/ 2 BBL H2O.
09:30 AM	10:00 AM	P	Plug #2 Cliff House Top 3680'-3526' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 13 BBL H2O.
10:00 AM	10:30 AM	P	LD to 2990', RU to Pump Plug #3, load Well W/ 4 BBL H2O.
10:30 AM	11:00 AM	P	Plug #3 Chacra Top 2990'-2836' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
11:00 AM	11:30 AM	P	LD to 2180', RU to Pump Plug #4, load Well W/ 3 BBL H2O.
11:30 AM	12:00 PM	P	Plug #4 Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo & Nacimiento Tops 2180'-776' Mix & Pump 110 SXS, 15.8 PPG, 1.15 Yield, 126.5 CUFT, 22.5 BBL Slurry, Class G Cement, DISP W/ 3 BBL H2O.
12:00 PM	01:00 PM	P	LD 2-3/8" Work String on Pipe Trailer.
01:00 PM	01:30 PM	P	Load Well W/ 5 BBL H2O, Secure Well & LOC.
01:30 PM	03:00 PM	P	Travel to Yard.

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

Comments

Job	Comment
Plug #1A	Plug #1A Mancos Top 4770'-4616' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 18 BBL H2O.
Plug #2	Plug #2 Cliff House Top 3680'-3526' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 13 BBL H2O.
Plug #3	Plug #3 Chacra Top 2990'-2836' Mix & Pump 12 SXS, 15.8 PPG, 1.15 Yield, 13.8 CUFT, 2.4 BBL Slurry, Class G Cement, DISP W/ 10 BBL H2O.
Plug #4	Plug #4 Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo & Nacimiento Tops 2180'-776' Mix & Pump 110 SXS, 15.8 PPG, 1.15 Yield, 126.5 CUFT, 22.5 BBL Slurry, Class G Cement, DISP W/ 3 BBL H2O.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Soliz, Roberto	10.00	84 - Crew PU
Operator:	Witzman, Jeff	10.00	

Worked on Wednesday, 09/18/2019

Derrick: Castellon, Romeo 10.00

On Site Reps:

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

Equipment:

Base Beam #1 - EQUIPMENT6+

9 - G-PAD

#645 lgr. - WASTE PITS

#595 lgr. - WASTE PITS

117 - Teal 45' Trailer

#413 - TANKS

Worked on Thursday, 09/19/2019

Hilcorp Energy
Company
PO Box 4700
Farmington, NM 87499



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

Name: Canyon Largo Unit #301
API:30-039-22451
Rio #21

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:00 AM	06:30 AM	P	Load Supplies, travel to LOC.
06:30 AM	07:00 AM	P	HSM on JSA, service & start Equip.
07:00 AM	07:30 AM	P	Check PSI TBG-N/A, CSG-0, BH-0 PSI, open Well to Pit.
07:30 AM	08:00 AM	P	RU A-Plus WL, RIH to 260', shoot 4 Holes W/ 3-1/8" HSC, POOH, LD Tool, RD WL.
08:00 AM	08:30 AM	P	Check ROI, 1 BPM @ 100 PSI, saw clean Returns to Pit.
08:30 AM	09:00 AM	P	RD TBG Equip & Work Floor, ND BOP, NU WH, RU to Pump Surface Plug.
09:00 AM	09:30 AM	P	Plug #5 Surface 260'-0' Mix & Pump 88 SXS, 15.8 PPG, 1.15 Yield, 101.2 CUFT, 18 BBL Slurry, Class G Cement, saw Cement Returns to Surface.
09:30 AM	10:30 AM	P	Perform Hot Work Permit & JSA for WH Cut Off, Cut off WH, TOC in 4-1/2" CSG @ 12' below Surface & 4' in 4-1/2" X 8-5/8" Annulus. Install & Weld on DH Marker.
10:30 AM	11:30 AM	P	RD Daylight Pulling Unit, MOL.
11:30 AM	12:00 PM	P	Surface Top Off Mix & Pump 24 SXS, 15.8 PPG, 1.15 Yield, 27.6 CUFT, 4.9 BBL Slurry, Class G Cement.
12:00 PM	12:30 PM	P	Clean LOC, make Rig & Equip ready for Road.

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

Comments

Job	Comment
Plug #5	Plug #5 Surface 260'-0' Mix & Pump 88 SXS, 15.8 PPG, 1.15 Yield, 101.2 CUFT, 18 BBL Slurry, Class G Cement, saw Cement Returns to Surface.
Top Off	Surface Top Off Mix & Pump 24 SXS, 15.8 PPG, 1.15 Yield, 27.6 CUFT, 4.9 BBL Slurry, Class G Cement.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Soliz, Roberto	7.50	84 - Crew PU
Operator:	Witzman, Jeff	7.50	
Derrick:	Castellon, Romeo	7.50	

On Site Reps:

Name	Association	Notes
------	-------------	-------

Worked on Thursday, 09/19/2019

Mark Decker
Juan Cardenas
Rio Rig Crew

BLM
Co. Rep.
Other

On Loc
On Loc
On Loc

Equipment:

Base Beam #1
9 - G-PAD
#413 - TANKS
#645 lgr. - WASTE PITS
#595 lgr. - WASTE PITS
117 - Teal 45' Trailer
)

Well Name: CANYON LARGO UNIT #301

API / UWI 3003922451	Surface Legal Location M-4-24N-6W	Field Name	Route 1409	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,470.00	Original KB/RT Elevation (ft) 6,483.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 9/25/2019 9:03:35 AM


