

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 9/4/19

Well information:

HILCORP ENERGY COMPANY

30-039-23387 Canyon Largo Unit #344

Application Type:

P&A Drilling/Casing Change Location Change

Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

Other:

Conditions of Approval:

- Notify NMOCD 24 Hours prior to commencing activities
- **Report any casing failures discovered and provide the proposed plans to remediate the failures for review and approval, prior to any remediation.**

NMOCD Approved by Signature

9/18/19

Date

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.
NMSF078875

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.
891001059C

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CANYON LARGO UNIT 344

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: CHERYLENE WESTON
E-Mail: cweston@hilcorp.com

9. API Well No.
30-039-23387-00-S1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002
3b. Phone No. (include area code)
Ph: 505-564-0779

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T25N R6W NESW 1808FSL 1850FWL
36.368378 N Lat, 107.510223 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 checked="" 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 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 checked="" type="checkbox"/> Other Workover Operations
	<input type="checkbox"/> Change Plans	<input 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 recomplete 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 request permission to perform remedial work on the subject well per the attached procedure and return the well to production.

NMOCD
SEP 09 2019
DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #481922 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 09/05/2019 (19JK0169SE)	
Name (Printed/Typed) CHERYLENE WESTON	Title OPERATIONS/REGULATORY TECH-SR
Signature (Electronic Submission)	Date 09/04/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JOE KILLINS</u>	Title <u>ENGINEER</u>	Date <u>09/05/2019</u>
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 <u>Farmington</u>

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.

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Canyon Largo Unit 344
API 30-039-23387
Fix HIC & Return to Production
9/4/19

Proposed Procedure

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
2. Check casing, tubing and bradenhead pressures and record all.
3. MIRU WO rig. Remove production tree. NU and test BOPs.
4. Add extra joints of tbg to check PBTD. Scan tbg out of hole, replacing bad joints
5. RIH with tbg/pkr. Set pkr @ 736' & 763'. At both depths test above and below to confirm depth of suspected HIC.
6. Attempt to establish circulation thru HIC up surface csg.
 - a. If get returns at surf, bullhead cmt sqz down prod csg and up backside.
 - b. If do not get returns at surf, shoot sqz hole(s) @ 100' below HIC depth. Bullhead cmt and block squeeze.
7. WOC.
8. TIH with mill. DO squeeze and PT csg to 500#. Notify agencies for witness MIT.
9. DO CIBP @ 5088' & CO to PBTD @ 6492'.
10. TOOH with mill. TIH with prod tbg & tbg anchor. Land tbg @ 6430'.
11. Establish barriers. ND BOP, NU B-1 adapter, ratigan, and flow tee. Perform surface test on pump. RIH with pump and rod string.
12. Seat pump. Load tbg with water. PT tbg/pump to 1000 psi. Test for good pump action. Space out pump $\frac{1}{2}$ " or 1" per 1000' of depth (or 1" per 1000' if greater than 4000') and seat pump.
13. Notify MSO and AL Tech that well is ready to be returned to production. If applicable, verify cathodic if back online. RDMO.

Well Name: CANYON LARGO UNIT #344

API / UWI 3003823387	Surface Legal Location K-3D-25N-6W	Field Name	License No	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KBRT Elevation (ft) 6,894.00		Original Spud Date 4/24/1984 00:00	Rig Release Date		

Most Recent Job				
Job Category Expense Workover	Primary Job Type TUBING REPAIR	Secondary Job Type	Actual Start Date 10/13/2016	End Date 10/19/2016

TD: 6,510.0 Vertical, Original Hole, 8/7/2019 4:55:04 PM

