

<b>Well Name:</b> REAMES COM	<b>Well Location:</b> T26N / R6W / SEC 19 / NWNE / 36.47569 / -107.50583	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 2	<b>Type of Well:</b> OTHER	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF079295	<b>Unit or CA Name:</b> REAMES COM	<b>Unit or CA Number:</b> NMNM76330, NMNM76338, NMNM99493
<b>US Well Number:</b> 3003923172	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

**Subsequent Report**

**Sundry ID:** 2634077

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 09/14/2021

**Time Sundry Submitted:** 10:59

**Date Operation Actually Began:** 08/26/2021

**Actual Procedure:** Hilcorp Energy has repaired the packer for the subject well. Attached are the operations details, wellbore schematic, and packer test.

**SR Attachments**

**Actual Procedure**

REAMES\_COM\_2\_\_\_SR\_Packer\_Repair\_20210914105849.pdf

**Well Name:** REAMES COM**Well Location:** T26N / R6W / SEC 19 /  
NWE / 36.47569 / -107.50583**County or Parish/State:** RIO  
ARRIBA / NM**Well Number:** 2**Type of Well:** OTHER**Allottee or Tribe Name:****Lease Number:** NMSF079295**Unit or CA Name:** REAMES COM**Unit or CA Number:**  
NMNM76330, NMNM76338,  
NMNM99493**US Well Number:** 3003923172**Well Status:** Producing Gas Well**Operator:** HILCORP ENERGY  
COMPANY

## Operator Certification

*I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** PRISCILLA SHORTY**Signed on:** SEP 14, 2021 10:59 AM**Name:** HILCORP ENERGY COMPANY**Title:** Regulatory Technician**Street Address:** 382 Road 3100**City:** Aztec**State:** NM**Phone:** (505) 324-5188**Email address:** pshorty@hilcorp.com

## Field Representative

**Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:**

## BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5055647742**BLM POC Email Address:** krennick@blm.gov**Disposition:** Accepted**Disposition Date:** 09/16/2021**Signature:** Kenneth Rennick

REAMES COM 2

30-039-23172

Packer Repair SR

8/26/2021 - MIRU. ND WH. NU BOP. Pull tbg hanger on short string. TOO H w/2-3/8" short string tbg. Pull tbg hanger on long string. SDFN.

8/27/2021 - TOO H w/2-3/8" long string tbg. Make up packer plucker tools and jars. TIH w/tools to 2157'. SDFWD.

8/30/2021 - Bled down well. BH 0 PSI, CSG 185 PSI, TBG 15 PSI. TIH to packer @ 4499'. Est circ & mill on packer @ 4499 – 5002'. Sting out of packer & PUH to above perfs. SDFN.

8/31/2021 - Bled down well. BH 0 PSI, CSG 185 PSI, TBG 0 PSI. TIH, est circ. Mill out slips on packer from 4502 – 4504'. Rls packer. TOO H w/tools and packer, LD. TIH w/3-3/4" bit to 4732'. SDFN.

9/1/2021 - Bled down well. BH 0 PSI, CSG 185 PSI, TBG 0 PSI. TIH, tag fill @ 7300'. Est circ and clean out to 7367'. Circ hole clean. TOO H w/bit & LD. SDFN.

9/2/2021 - Bled down well. BH 0 PSI, CSG 150 PSI, TBG 0 PSI. TIH w/7" csg scraper to Inr top. TOO H w/csg scraper. Drift and TIH w/production BHA to 2858'. SDFN.

9/3/2021 - Bled down well. BH 0 PSI, CSG 135 PSI, TBG 0 PSI. MU 7" packer and drift in with production BHA string. Land 226 jts 2-3/8" 4.7" J-55 tbg @ 7235', SN @ 7233' and 7" packer @ 4402'. ND BOP. NU WH. Pump 5 bbls dwn tbg, drop pump off ball. PT tbg to 550#, good. Pumped off expendable check @ 1200#. SI well. RD Rig released.

9/14/2021 – John Durham witnessed and approved packer test.

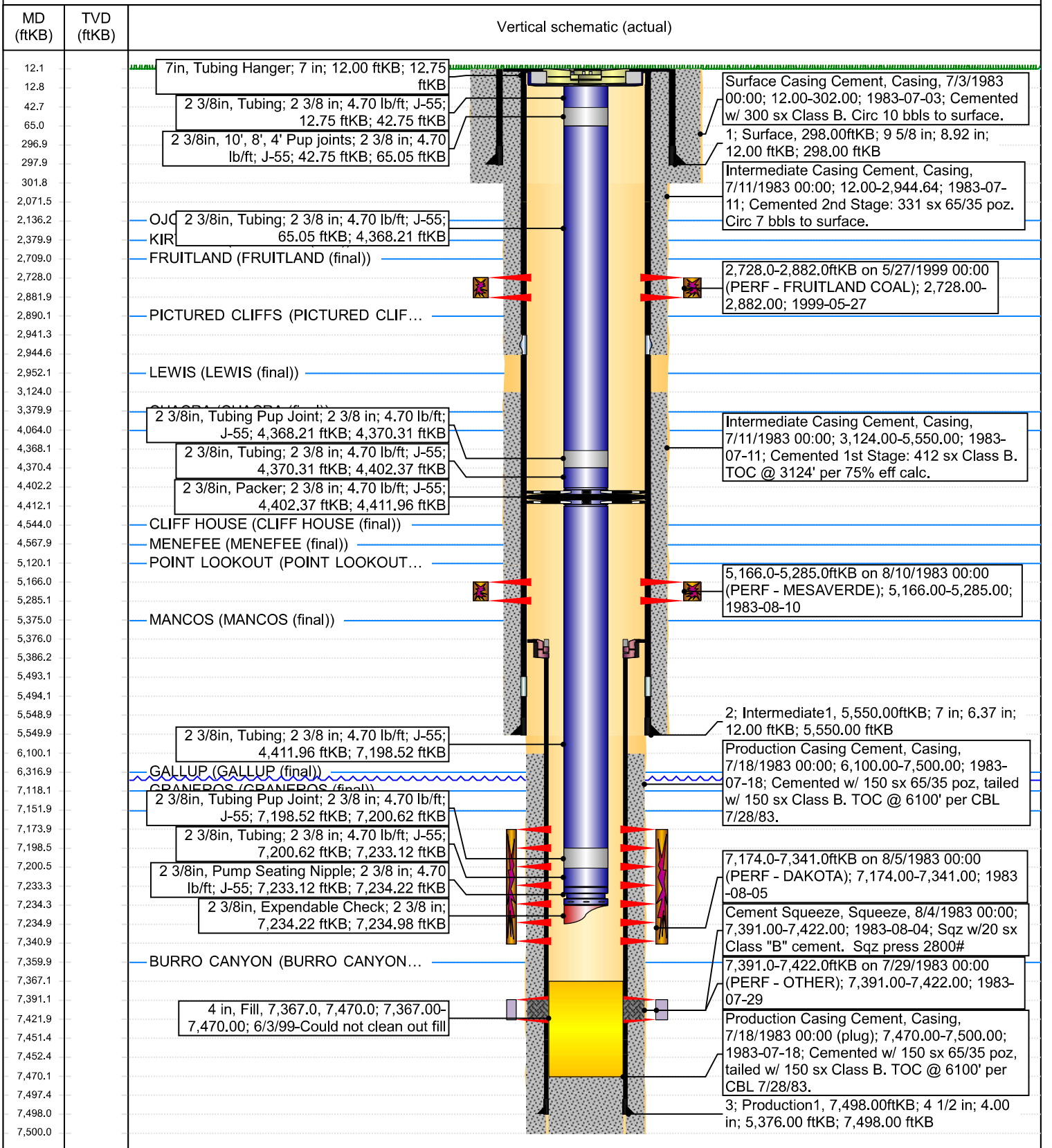


### Current Schematic - Version 3

Well Name: REAMES COM #2

API / UWI 3003923172	Surface Legal Location 019-026N-006W-B	Field Name FC/MV/DK DUAL COM	Route 1404	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,639.00	Original KB/RT Elevation (ft) 6,651.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

### Original Hole [Vertical]



This form is not to be used for reporting packer leakage tests in Southeast New Mexico

Oil Conservation Division

Northwest New Mexico Packer-Leakage Test

Page 1  
Revised June 10, 2003

Operator Hilcorp Energy Company Lease Name REAMES COM Well No. 2

Location of Well: Unit Letter B Sec 19 Twp 026N Rge 006W API # 30-039-23172

	Name of Reservoir or Pool	Type of Prod	Method of Prod	Prod Medium
Upper Completion	FRC	Gas	Flow	Casing
Lower Completion	DK/MV	Gas	Artificial Lift	Tubing

Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
	9/10/2021		105	144
Lower Completion	Hour, Date, Shut-In	SI Press. PSIG		Stabilized?(Yes or No)
	9/10/2021		275	Yes

Flow Test No. 1

Commenced at: 9/14/2021		Zone Producing (Upper or Lower): LOWER			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		
9/14/2021 8:28 AM	0	144	110		Reached 20% crossover
9/14/2021 8:37 AM	0	144	95		No drop in upper completion
9/14/2021 8:40 AM	0	144	88		No drop in upper completion. Well shut in for plunger drop time.
9/14/2021 9:16 AM	1	144	162		DK build up to 162 psi during plunger drop time. John Durham witnessed and approved test via FaceTime

Production rate during test

Oil: \_\_\_\_\_ BOPD Based on: \_\_\_\_\_ Bbls. In \_\_\_\_\_ Hrs. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas \_\_\_\_\_ MCFPD; Test thru (Orifice or Meter) \_\_\_\_\_

Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Lower Completion	Hour, Date, Shut-In	SI Press. PSIG		Stabilized?(Yes or No)

(Continue on reverse side)

### Northwest New Mexico Packer-Leakage Test

#### Flow Test No. 2

Commenced at:		Zone Producing (Upper or Lower)			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		

**Production rate during test**

Oil: \_\_\_\_\_ BOPD Based on: \_\_\_\_\_ Bbls. In \_\_\_\_\_ Hrs. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
 Gas \_\_\_\_\_ MCFPD; Test thru (Orifice or Meter) \_\_\_\_\_

**Remarks:**

NMOCD John Durnam witnessed the test Via FaceTime. Approved and passed the test.

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: \_\_\_\_\_ 20 \_\_\_\_\_  
 New Mexico Oil Conservation Division

Operator: Hilcorp Energy Company  
 By: Roman Lucero Jr

By: \_\_\_\_\_

Title: Multi-Skilled Operator

Title: \_\_\_\_\_

Date: Tuesday, September 14, 2021

**NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS**

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to lack of a pipeline connection the flow period shall be three hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.
7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.  
 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.
8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 48392

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 48392
	Action Type: [UF-PLT] Packer Leakage Test (NW) (PACKER LEAKAGE TEST (NW))

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	None	9/14/2021

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 49350

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49350
	Action Type: [C-103] Sub. Workover (C-103R)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	None	12/27/2021