

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

<b>Well Name:</b> VALANCE FEDERAL 33	<b>Well Location:</b> T31N / R13W / SEC 33 / SESE / 36.852349 / -108.2026295	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 16	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078463A	<b>Unit or CA Name:</b> BASIN FRUITLAND COAL	<b>Unit or CA Number:</b> NMNM112669, NMNM73637
<b>US Well Number:</b> 3004533571	<b>Operator:</b> HILCORP ENERGY COMPANY	

### Subsequent Report

**Sundry ID:** 2829940

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 01/03/2025

**Time Sundry Submitted:** 02:36

**Date Operation Actually Began:** 12/18/2024

**Actual Procedure:** Hilcorp Energy Company has repaired the packer on the subject well per the attached daily report. A packer test was conducted on 1/2/2025 and witnessed by Clarence Smith, NMOCD. The packer test is attached.

### SR Attachments

#### Actual Procedure

Valance\_33\_16\_SR\_Packer\_Install\_BLM\_Submitted\_20250103143550.pdf

Well Name: VALANCE FEDERAL 33

Well Location: T31N / R13W / SEC 33 /  
SESE / 36.852349 / -108.2026295County or Parish/State: SAN  
JUAN / NM

Well Number: 16

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMSF078463A

Unit or CA Name: BASIN FRUITLAND  
COALUnit or CA Number:  
NMNM112669, NMNM73637

US Well Number: 3004533571

Operator: HILCORP ENERGY  
COMPANY**Operator**

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

Operator Electronic Signature: PRISCILLA SHORTY

Signed on: JAN 03, 2025 02:36 PM

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 Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

**BLM Point of Contact**

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 01/03/2025

Signature: Matthew Kade

VALANCE 33-16

30.045.33571

PACKER INSTALL

**12/18/2024** – CK PRESSURES. FTP: 140 PSI, FCP: 140 PSI, SIBHP: 0 PSI, BDW: 15 MIN. SPOT RIG AND EQUIP. RIG UP. X/O TO ROD HANDLING TOOLS. R/D HORSE HEAD. UNSEAT PUMP @ 15K. L/D PR AND SB. TOOH W/ AND LD SINKER BARS. X/O TO 2-3/8" HANDLING TOOLS. ND WH. NU OFFSET SPOOL. RU FLOOR AND TONGS. UNLAND WELL AND REMOVE HANGER. TOH W/ PRODUCTION TUBING. SWAP OVER TO PULL LONG STRING. SISW. SDFN.

**12/19/2024** - CK PRESSURES. SITP: 120 PSI, SICP: 120 PSI, SIBHP: 0 PSI, BDW: 10 MIN. BD WELL. TOH W/ LONG STRING AND LD OVERSHOT. PU 7" CASING SCRAPER. TIH TO TOP OF FISH @ 2485'. TOH L/D CASING SCRAPER. PU 7" AS1X PACKER. TIH. INSTALL HANGER. SET PACKER @ 2481'. LAND W/ 10K COMPRESSION DOWN. PU BHA. LAND TUBING AS FOLLOWS: DUAL TUBING HANGER, 77- 2-3/8 J-55 (2419.62'); 1- 2-3/8 J-55 PUP JOINT (2.1'); 1- 2-3/8 J-55 (31.50'); 1- 1.78 SEATING NIPPLE; 1- 2-3/8 X 2-7/8 X-OVER (.56'); 1-7" AS1X PACKER (7.6'); BTM OF PACKER @ 2481' TIH W SHORT STRING. (1)- 2-3/8 BULL PLUG (.6'); (1)- 2-3/8 TUBING JOINT (32.22)' (1)- PERFORATED SUB (4.14')' (1) - 2 3/8" X 1.78 SEAT-NIPPLE (1.10'); (47)- 2 3/8" 4.7# J-55 TBG (1483.69'); (10)- 2 3/8" 4.7# J-55 TBG (311.32'.; (1) - 7-1/16" TUBING HANGER. LAND SHORT STRING EOT @ 1845.67' SN TOP @ 1807.61. RD RIG FLOOR. ND BOP. NU WH. PUMP 10 BBLS DOWN CASING. PICK UP PUMP, STROKE TEST AT SURFACE AND TRIP IN HOLE WITH RODS. SPACE OUT AND HANG OFF RODS AS FOLLOWS: (1) - 1" X 8' SAND SCREEN. (1) - PUMP 2" X 1 1/2" X 8' X 16' RWBC-Z (SN; HIL 1006) (1) - 8' GUIDED PONY ROD. (1) - 22K SHEAR TOOL. (3) - 1 1/4" SINKER BARS. (67) - 3/4" SLICK RODS. (2)- 4' X 3/4" PONY 22' X 1 1/4" POLISH ROD W/ 1 1/2 PR LINER.SISW. SDFN.

**12/20/2024** - CK PRESSURES. SITP: 0 PSI, SICP: 140 PSI, SIBHP: 0 PSI, BDW: 0 MIN. PUMP 15 BBLS DOWN CASING. LOAD AND PT TBG TO 500 PSI (GOOD). CHECK PUMP ACTION W/ RIG. HANG OFF RODS. CHECK PUMP ACTION W/ OPERATOR ON LOCATION. RD RR.

**1/2/2025 – PACKER TEST WAS COMPLETED. WITNESSED BY CLARENCE SMITH, NMOCD.**

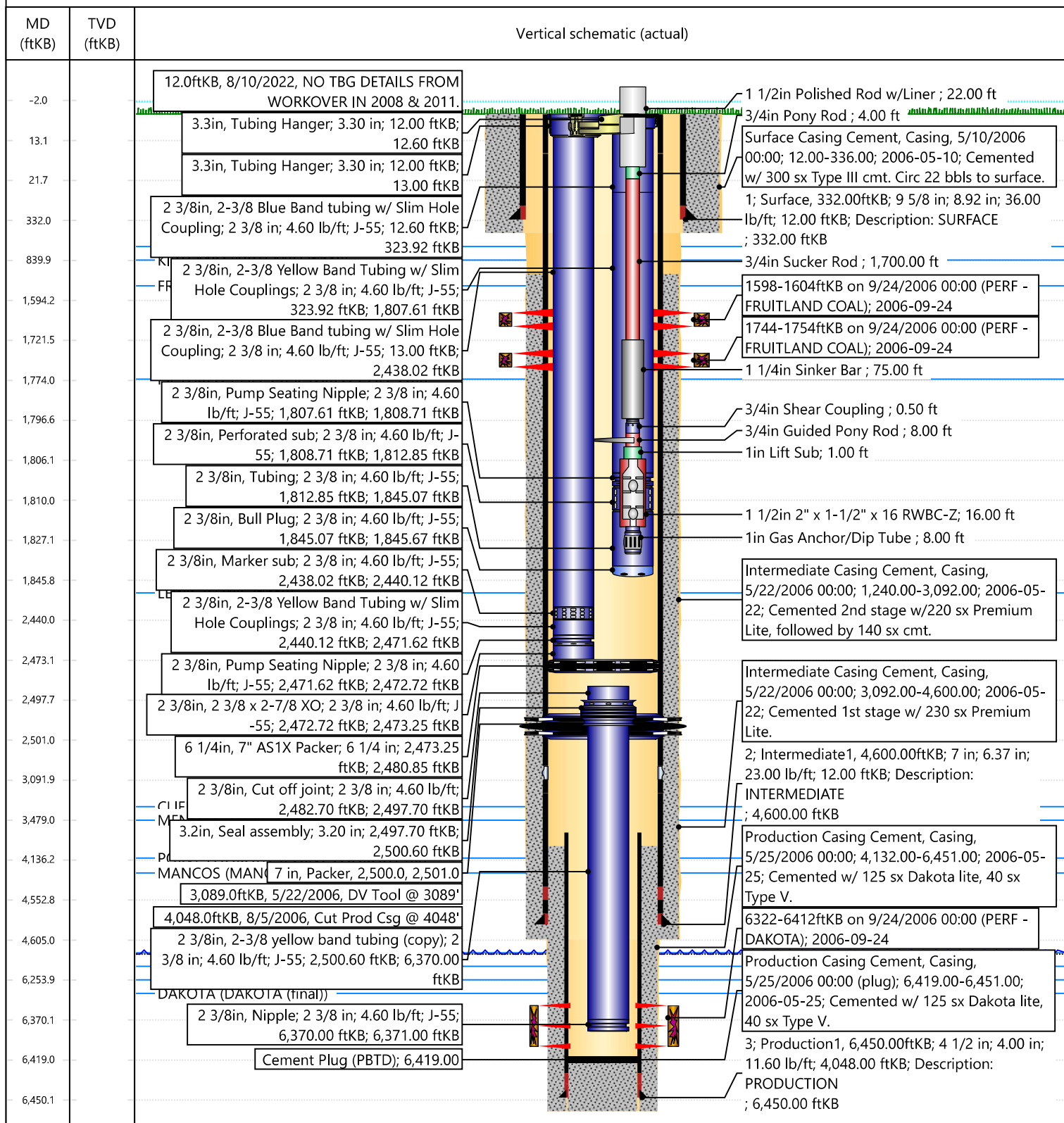


## Current Schematic - Version 3

Well Name: VALANCE 33 16

API / UWI 3004533571	Surface Legal Location P-33-31N-13W	Field Name LA PLATA	Route 0205	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,718.00	Original KB/RT Elevation (ft) 5,730.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 12/19/2024 12:00	Set Depth (ftKB) 2,480.85	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.60	Original Spud Date 5/9/2006 00:00

## Original Hole [Vertical]



**Priscilla Shorty**

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**From:** Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>  
**Sent:** Wednesday, November 6, 2024 1:05 PM  
**To:** Hayden Moser; Kuehling, Monica, EMNRD  
**Cc:** Farmington Regulatory Techs; Lisa Helper; Austin Harrison; Trey Misuraca; Jackson Lancaster  
**Subject:** RE: [EXTERNAL] Valance 33-16 (30.045.33571)\_NOI Pkr Repair

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

The second packer is approved. As discussed this morning, prior to plugging or plugging back of this well, the original packer will be required to be removed so the zones below the packer can be properly isolated.

Ward

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**From:** Hayden Moser <Hayden.Moser@hilcorp.com>  
**Sent:** Wednesday, November 6, 2024 11:15 AM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>  
**Cc:** Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Lisa Helper <lhelper@hilcorp.com>; Austin Harrison <aharrison@hilcorp.com>; Trey Misuraca <Trey.Misuraca@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>  
**Subject:** [EXTERNAL] Valance 33-16 (30.045.33571)\_NOI Pkr Repair

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Ward and Monica,

Per my phone conversation with Ward today, I received verbal confirmation to move forward with running a packer in above the existing one to provide zonal isolation. If one of y'all could please respond to confirm this via email that would be great. Pending approval, this would scratch the existing COA, if y'all could provide new COAs (if any) for the proposed plan via email that would also be great.

Thanks,

**Hayden Moser**  
**Operations Engineer** | San Juan North Asset Team  
**Hilcorp Energy Company** | 1111 Travis St. | Houston, TX 77002  
**O:** (713) 757-5276 | **C:** (479) 899-8940 | [Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)

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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 VALANCE 33      Well No. 16

Location of Well: Unit Letter P      Sec 33      Twp 031N      Rge 013W      API # 30-045-33571

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

Pre-Flow Shut-In Pressure Data				
Upper Completion	Hour, Date, Shut-In 12/27/2024	Length of Time Shut-In 167	SI Press. PSIG 143	Stabilized?(Yes or No) Yes
Lower Completion	Hour, Date, Shut-In 12/27/2024		SI Press. PSIG 0	Stabilized?(Yes or No) Yes

Flow Test No. 1					
Commenced at: 1/2/2025			Zone Producing (Upper or Lower): UPPER		
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		
1/2/2025 10:30 AM	10	143	0	45	Open DK side for 30 min
1/2/2025 11:01 AM	11	143	0	45	No change in pressure after DK 30 min
1/2/2025 11:05 AM	11	143	0	45	Stabilized pressures. Beginning FC test
1/2/2025 11:22 AM	11	65	0	45	After 15min flowing.
1/2/2025 11:37 PM	23	40	0	45	Final pressures after 30min.

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)

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:

Witnessed by Clarence Smith with NMOCD.

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: Roger Tom

Title: Multi-Skilled Operator

Date: Friday, January 3, 2025

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

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

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).



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 417411

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 417411
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	submit packer test through UF-PLT Packer leakage test	1/21/2025