

Well Name: HARGRAVE	Well Location: T27N / R10W / SEC 4 / NWNW / 36.608871 / -107.906479	County or Parish/State: SAN JUAN / NM
Well Number: 4	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077382	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004520333	Well Status: Abandoned	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2648481

Type of Submission: Subsequent Report

Date Sundry Submitted: 12/13/2021

Date Operation Actually Began: 12/06/2021

Type of Action: Plug and Abandonment

Time Sundry Submitted: 01:10

Actual Procedure: THIS WELL WAS P&A'D ON 12/8/2021. 12/6/2021: MIRU. NU BOP & FT, TST GOOD. RIH W/GAUGE RING TO 2024' POH, RIH W/CIBP & SET @ 2000'. POH TOOLS. PU & RIH W/TBG JTS. CIRC ROLL HOLE & ATTEMPT TO PT TO 500 PSI, TST FAILED. WITNESSED BY CLAY YAZZIE @ BLM. EST INJECTION RATE 1 BBL/MIN @ 500 PSI. WOC PLUGS TILL PSI TST HOLDS. TOO. RU WL & PERFORM CBL. CBL SENT TO BLM & NMOCD. RECEIVED APPROVAL TO PMP PLUG 1 PER PROCEDURE & PLUG 2 AS INSIDE PLUG ONLY. RECEIVED APPROVAL VERBAL APPROVAL F/MONICA KUEHLING @ NMOCD & CLAY YAZZIE @ BLM (ONSITE) TO PERF @ 175' FOR SURF SHOE AS PLUG 3. TIH W/TBG TO 2000'. MIX & PMP PLUG 1 W/11 SKS, 12.65 CUFT, 1.15 YEILD, 15.8 PPG, CLASS G CMT TO ISOLATE PICTURED CLIFF & FRUITLAND COAL FORMATIONS F/2000' T/1600'. LD 13 JTS. TOO. W/24 STANDS. WOC OVERNIGHT. 12/7/2021: TIH TAG TOC @ 1881'. CMT FELL 281'. VERBAL APPROVAL GIVEN F/MONICA KUEHLING @ NMOCD TO PMP 2ND PLUG TO 1400'. MIX AND PUMP PLUG #1 WITH 14 SX, 16.05 CU/FT, 1.15 YIELD, 15.8 PPG, CLASS G CMT TO ISOLATE THE PICTURED CLIFF & FRUITLAND FORMATIONS F/1881' T/1400'. LD 18 JTS, TOH W/20 STNDS. WOC 4 HRS. TIH TAG TOC @ 1538'. LD PIPE TO 1220'. CIRC HOLE & ATTEMPT TO PT TO 500 PSI, NO GOOD. MIX & PMP PLUG 2 W/18 SKS, 20.7 CUFT, 1.15 YIELD, 15.8 PPG, CLASS G CMT TO ISOLATE OJO ALAMO F/1220' T/637'. LD 21 JTS. SDFN. 12/8/2021: TIH & TAG CMT @ 831'. PT CSG TO 500 PSI, NO GOOD. LD TBG. PU PERF TOOLS & EQUIPMENT, RIH TO 175' PERF,POOH W/TOOLS. PU 6 JTS & RIH. MIX & PMP PLUG 3 W/80 SKS, 92 CUFT, 1.15 YIELD, 15.8 PPG, CLASS G CMT TO ISOLATE F/125' TO SURF. LD TBG. ND BOP. REMOVE WH & INSTLL WELL MARKER. TOP OFF CELLAR W/24 SKS G CMT, 27.4 CUFT, 1.15 YIELD, 15.8 PPG. RDRR @ 11:00 HRS

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Lease Number: NMSF077382	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004520333	Well Status: Abandoned	Operator: HILCORP ENERGY COMPANY

SR Attachments

Actual Procedure

Schematic__Current_20211213130811.pdf

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: AMANDA WALKER **Signed on:** DEC 13, 2021 01:08 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTON **State:** TX

Phone: (346) 237-2177

Email address: mwalker@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:** 12/14/2021

Signature: Kenneth Rennick



Schematic - Current

Well Name: HARGRAVE #4

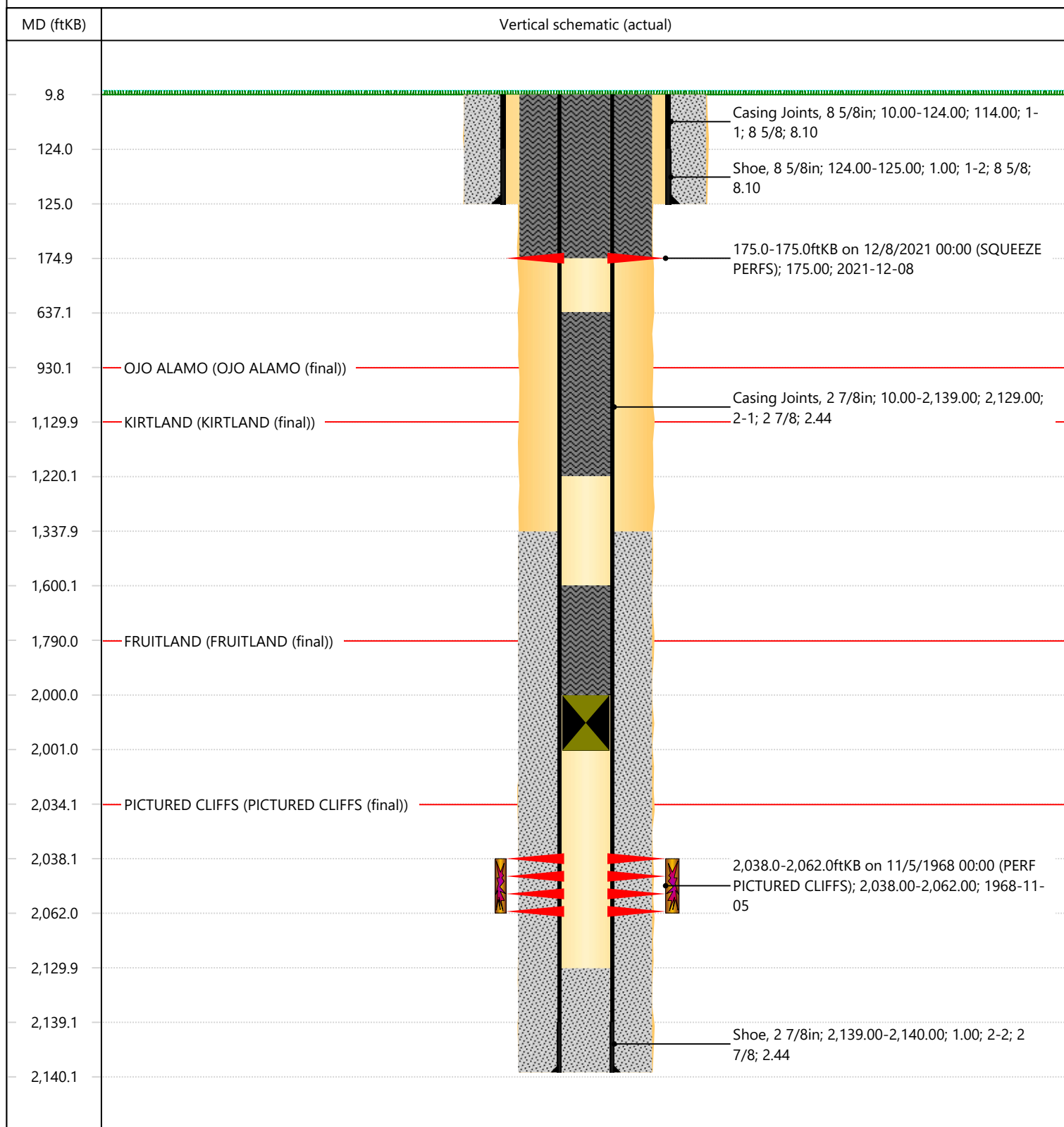
API / UWI 3004520333	Surface Legal Location 004-027N-010W-D	Field Name FULCHER KUTZ PC (GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type
Original KB/RT Elevation (ft) 6,112.00	KB-Ground Distance (ft) 10.00	Original Spud Date 10/3/1968 00:00	Rig Release Date 9/20/1999 16:00	PBTD (All) (ftKB) Original Hole - 2,130.0	Total Depth All (TVD) (ftKB)

Most Recent Job

Job Category Expense Plug & Abandon	Primary Job Type P&A (FULL WELLBORE)	Secondary Job Type	Actual Start Date 12/6/2021	End Date 12/8/2021
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TD: 2,140.0

Original Hole



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 66982

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 66982
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	in future please include pressures of bradenhead - production casing recorded each day	12/29/2021
mkuehling	also include tubing on the pressures if in the hole	12/29/2021