

Well Name: KUTZ FEDERAL	Well Location: T28N / R10W / SEC 21 / SWNW / 36.65018 / -107.906744	County or Parish/State: SAN JUAN / NM
Well Number: 14Y	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077383A	Unit or CA Name: KUTZ FEDERAL	Unit or CA Number: NMNM73958
US Well Number: 3004532227	Well Status: Abandoned	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2649082

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/16/2021

Time Sundry Submitted: 05:29

Date Operation Actually Began: 12/08/2021

Actual Procedure: The well was P&A'd on 12/14/2021 with the following procedure.

SR Attachments

Actual Procedure

Schematic__Current_20211216052911.pdf

Kutz_Federal_14Y_SR_20211216052910.pdf

Well Name: KUTZ FEDERAL

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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 16, 2021 05:29 AM

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: 12/16/2021

Signature: Kenneth Rennick

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12/8/2021: MIRU. CK WELL PRESSURES (SICP: 165 PSI, SITP: 165). RD HH & LD POLISH ROD UNSEAT PMP. RU HOT OLIER & PMP 15 BBLS DWN TBG. WORK ROD STRING & STUCK STRING. ND WH. UNSEAT TBG ANCHOR. SDFN.

12/9/2021: CK WELL PRESSURES (SICP: 10 PSI, SITP: 0). NU BOP & FT, TST GOOD. TOO H SCANNING TBG. SDFN.

12/10/2021: CK WELL PRESSURES (SICP: 5 PSI). PU 4.75" BIT & SCRAPER. PU & RIH TO TAG TOF @ 2189'. TOO H & LD BIT & SCRAPER. SDFWE.

TROUBLE CALL: EMAIL SENT TO MONICA KUEHLING @ NMOCD AND KENNY RENNICK @ BLM. Rig just tagged the top of fish at 2189'. Based on tally, the TAC never released and we were spinning the top half of the part on the lower half of the parted tubing. Based on where we tagged the rods have slumped inside the casing about 100' on top of themselves. Fishing the rods in this scenario, we will not have any leverage to catch the pin end. Also, the tubing is likely crimped and/or laying over putting stress on the rods. So even if we catch them, the overpull would fail the fishing tool before the pump unseats. I would like to request that we go forward with the retainer as discussed yesterday. The 5.5" inside volume from 2180' (CICR proposed setting depth) to bottom perf at 6692 is 107.4 barrels. The tubing is occupying about 9 barrels. Leaving approximately 98 bbl. of volume or 550 cu ft. If we account for 100% excess that would be 1100 cu ft. or 956 sx at a yield of 1.15. If the TAC (6323') prevents the cement from passing, we would end up pumping 500 cu ft or 434 sx. RECEIVED EMAIL APPROVAL FROM KENNY @ BLM. RESPONSE FROM MONICA @ NMOCD: The retainer is fine as long as you have injection into it. If you run a retainer above the fish and are unable to inject you will be leaving the top of the fish open. If you are unable to inject I would suggest pulling the retainer and going in open ended and put as much cement as you can around the top of the fish.

12/13/2021: CK WELL PRESSURES (SICP: 5 PSI, SIBHP: 5). PU & MU 4.75" CMT RETAINER & SET @ 2187'. CLOSE PIPE RAMS & PMP 2X TBG CAP, NO PRESSURE BUILD UP. SET CMT RETAINER @ 2185'. CONFIRM PLUG SET. CIRC HOLE W/50 BBLS. PT CSG TO 700 PSI, TST GOOD. Jimmie Dobson /BLM ONSITE VERIFIED. STING INTO CMT RETAINER & PMP 207 SKS CLASS G CMT, 238 CUFT 15.8 PPG OF CMT BELOW RETAINER. UNSTING F/RETAINER, REVERSE CIRC 1.5X TBG CAP. 12.5 BBLS. TOO H & LD RETAINER SETTING TOOL. RU WL & RIH W/CBL TOOLS. RUN CBL. TIH OPEN ENDED T/2174'. MIX & PMP 36 SKS, 42 CUFT 15.8 PPG CLASS G CMT F/2185' T/1870' ISOLATING RETAINER TO PC. PER ONSITE BLM REP, APPROVAL FOR INSIDE PLUG ONLY. LD 18 JTS TO 1612'. CIRC TBG CLEAR. CIRC. MIX & PMP 18 SKS 20.7 CUFT PPG F/1600' TO 1450', ISOLATING FRUITLAND COAL. PER ONSITE BLM REP, APPROVAL FOR INSIDE ONLY PLUG. LD 18 JTS, CIRC TBG. SDFN.

TROUBLE CALL: EMAIL SENT TO MONICA KUEHLING @ NMOCD AND KENNY RENNICK @ BLM. The rig set the retainer this morning at 2185' and verified injection. Jimmie Dobson is on location. They put 207 sx below the retainer before it locked up. Reversed the tubing clear and are currently pulling out of the hole to rig up and run the CBL from 2185' to surface. I will send a follow up email as soon as we get the CBL results to confirm the remaining plugs. CBL has been forwarded to Kenny, Gilbert and Monica. No answer on the phone calls. Based on previous communication Jose Morales sent 12/9 and CBL results, we will pump the PC and Fruitland plugs as inside plugs. We will perforate at 1077' and

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attempt to squeeze the Ojo/Kirtland plug, perforate for the surface plug, and circulate. I would like to get confirmation on the surface plug perforating. We have cement around the surface shoe, and I would like to perforate at 270' so we can circulate to surface. CBL has been reattached to this message as well. Based on timing, we will pump the two inside plugs today and start on the ojo/Kirtland plug tomorrow. PER KENNY @ BLM: As a confirmation, I find your proposal appropriate. For the surface casing, I agree with the 270 feet depth. Circulating cement from that location will also be appropriate. PER MONICA @ NMOCD 270 perforation is good for state as well.

12/14/2021: CK WELL PRESSURES (SICP: 5 PSI, SIBHP: 5). RU & RIH W/WL. PERF @ 1077'. POH & LD TOOLS. EST INJECTION RATE .5 BBL @ 650 PSI. TIH W/CMT RETAINER T/1043' & SET. MIX & SQUEEZE 104 SKS OUTSIDE, 4 SKS BELOW RETAINER & 36 SKS (144 TOTAL, 165.6 TOTAL CU FT) G CMT @ 15.8 PPG, 1.15 CU SKS TO ISOLATE KIRTLAND & OJO FORMATIONS. LD 12 JTS & RETAINER SETTING TOOL. RU & RIH W/WL TO PERF @ 270'. RD WL. TRY TO EST INJECTION RATE, LOCKED UP AFTER ¼ BBL. TIH TO 654' TO PMP SURF PLUG. RU CMT, MIX & PMP 80 SKS 90 CUFT 15.8 PPG 1.15 CUYD OF G CMT TO ISOLATE SHOE TO SURF. LD REMAINING TBG. ND BOP. CUT OFF WH & INSTALL WELL MARKER. TAG CMT @ 17 FT. TOP OFF HOLE T/SURF W/21 SKS 24.15 CUFT 15.8 PPG 1.15 YD. RDRR @ 18:00 HRS.

Ojo/Kirtland plug went as prescribed. Moved up to 270' perforated for the surface plug and could not get injection. Spoke with Kenny and Gilbert, attempted to call Monica with no answer, left a message. Both Kenny and Gilbert agreed to spot the surface plug from 654' to surface (50' below the shoe) and we will backfill as necessary once we have the wellhead off, to top off.



Schematic - Current

Well Name: **KUTZ FEDERAL #14Y**

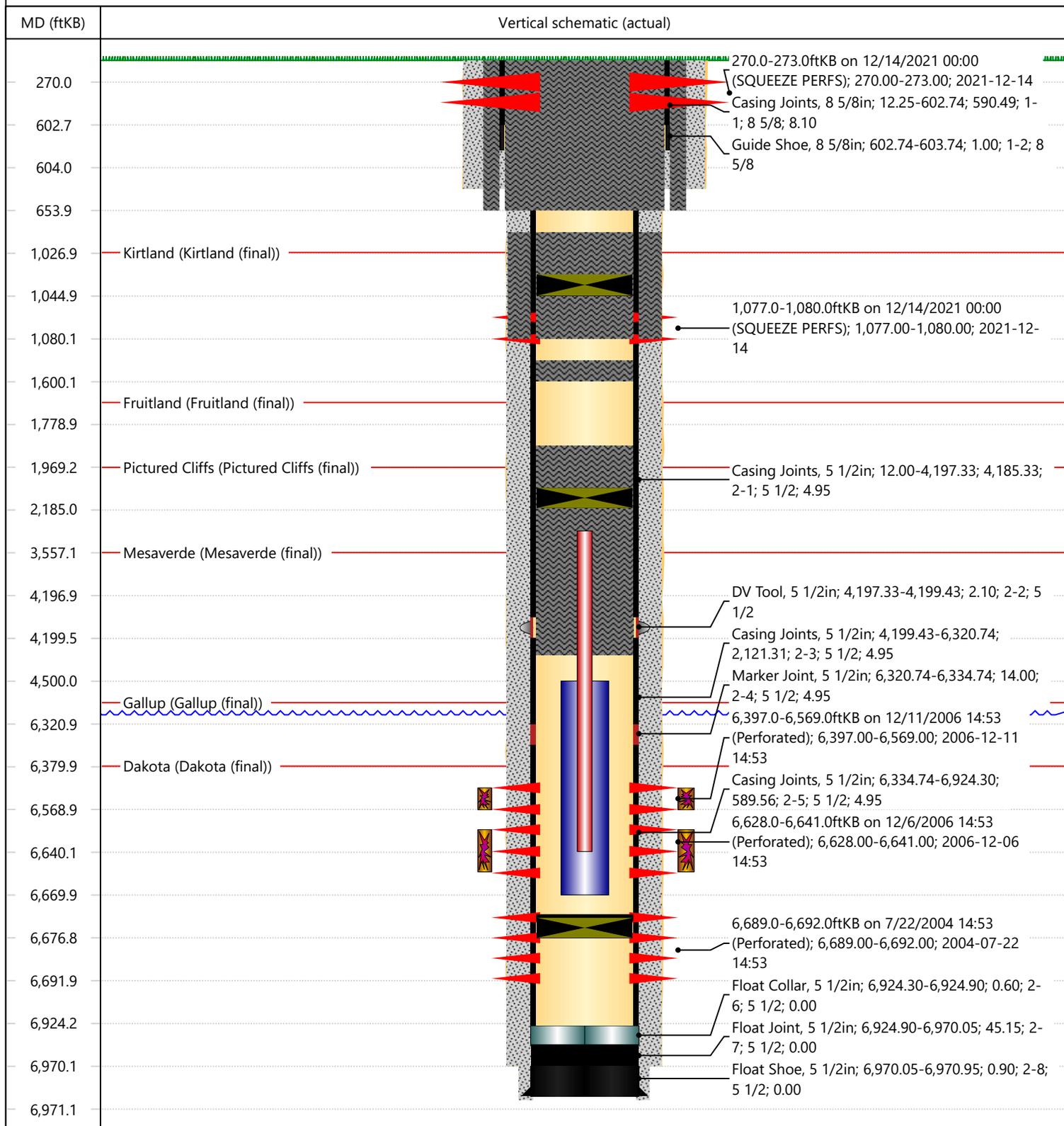
API / UWI 3004532227	Surface Legal Location T28N-R10W-S21	Field Name Basin Dakota	License No.	State/Province New Mexico	Well Configuration Type Directional
Original KB/RT Elevation (ft) 5,934.00	KB-Ground Distance (ft) 12.00	Original Spud Date 6/1/2004 00:00	Rig Release Date 6/16/2004 00:00	PBTD (All) (ftKB) Original Hole - 6,675.0	Total Depth All (TVD) (ftKB) Original Hole - 6,902.9

Most Recent Job

Job Category Expense Plug & Abandon	Primary Job Type ABANDONMENT P&A	Secondary Job Type	Actual Start Date 12/8/2021	End Date
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TD: 6,970.0

Original Hole [Directional]



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 70069

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 70069
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	3/1/2022