

Well Name: FEDERAL F	Well Location: T30N / R11W / SEC 33 / NWSE / 36.765747 / -107.992722	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF043260A	Unit or CA Name: FEDERAL F	Unit or CA Number: NMNM73854
US Well Number: 3004508977	Well Status: Abandoned	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2706847

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/12/2022

Time Sundry Submitted: 10:02

Date Operation Actually Began: 11/21/2022

Actual Procedure: The following well has been P&A'd as of 12/2/2022. Please see the attached plugging operations.

SR Attachments

Actual Procedure

30045089770000_Federal_F_1_P_A_SR_Writeup_20221212100232.pdf

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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: AMANDA WALKER

Signed on: DEC 12, 2022 10:02 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 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: 12/16/2022

Signature: Kenneth Rennick

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11/21/2022: MIRU. CK WELL PRESSURES (SICP0-550, SITP-550, SIBHP-0). ND WH. NU BOP & PT, GOOD TST. TOO H W/TBG, TBG PARTED @ JT 95. RECOVERED 94 JTS, 2965'. TOF @ +/- 2960'. SDFN.

11/22/2022: CK WELL PRESSURES (SICP-300, SITP-NA, SIBHP-0). TIH W/OVERSHOT TAG TOF @ 2986'. LATCH ONTO FISH & TOH W/19 JTS (601'). TIH W/OVERSHOT ENGAGE TOF @ 3613'. RECOVER 3 JTS (94'). SDFN.

11/23/2022: CK WELL PRESSURES (SICP-300, SITP-NA, SIBHP-0). TIH W/OVERSHOT. UNABLE TO GET DWN T/TOF DUE TO RESTRICTION @ 3689'. TOH. TIH W/WASHPIPE T/3667'. SDFN.

11/28/2022: CK WELL PRESSURES (SICP-0, SITP-0, SIBHP-0). BREAK CIRC @ 3689'. WASH DWN TO TOF @ 3707'. WASH OVER FISH F/3707' T/3734'. TOO H, NO FISH. TIH T/3696'. SDFN.

11/29/2022: CK WELL PRESSURES (SICP-0, SITP-0, SIBHP-0). BREAK CIRC @ 3689'. WASH DWN TAG @ 3726'. SDFN. EMAIL SENT TO MONICA KUEHLING/NMOCD & KENNY RENNICK/BLM TO REVIEW FISHING ATTEMPTS. REQUEST TO CHANGE THE PROCEDURE AS FOLLOWS: 1. Set 4.5" CICR at 3,700'. 2. Sqz 100 sx cmt below CICR, sting out of CICR if cmt locks up (1,285' of cmt inside csg). 3. 150' cmt plug from 3,550'-3,700' above CICR. 4. CBL entire wellbore and review with NMOCD/OCD. 5. 150' inside/outside plug from 2750'-2900' (Chacra top at 2,850'). 6. 470' cmt plug from 1,752'-2,222' (FRC top at 1,852', PC top at 2,172'). 7. 258' inside/outside plug from 725'-983' (Ojo top at 825', Kirtland top at 833'). 8. 351' inside/outside plug from 0'-351' (shoe at 301'). 9. P&A complete with marker and cmt top off. RECEIVED APPROVAL FROM KENNY/BLM TO PROCEED. REQUEST F/MONICA/NMOCD TO RUN PKR TO CK FOR INJECTION UNDER FISH. IF INJECTION, THEN WE CAN PULL PKR & RIH W/RETAINER. IF NO INJECTION, GO IN OPEN ENDED W/TBG TO TOF & PLACE 500 FT PLUG W/NO ACCELERANTS. WOC TO SEE IF IT WORKS THROUGH FISH.

11/30/2022: CK WELL PRESSURES (SICP-90, SITP-0, SIBHP-0). MU SPEAR. ENGAGE FISH @ 3424'. JAR FISH LOOSE & TOH W/FISHING BHA. LD FISH (3 JTS WASHPIPE & WO SHOE). M/U 4-1/2" AS1-X PKR & TIH ON 2-3/8" WORK STRING T/3643". ATTEMPT T/ESTABLISH INJECTION RATE, NEG. NO INJECTION. RELEASE PKR & TOH. L/D PKR. TIH & TAG TOF @ 3707'. PMP 5 BBL FW SPACER. MIX & PMP PLG #1 W/40 SXS OF 15.8 PPG (8.2 BBLS), 1.15 YLD TYPE G CMT. 516' INSIDE PLUG F/3707' T/3188'. L/D 17 JTS TBG. SDFN.

12/1/2022: CK WELL PRESSURES (SICP-90, SITP-0, SIBHP-0). TIH & TAG TOC @ 3448' (260' BELOW CALCULATED). RU ELINE. RUN CBL F/3424' T/SURF. TIH & PERF CIRC HOLES (4 SPF) @ 2900'. MU CICR & TIH SET @ 2850'. EST INJ RATE INTO CHACRA TOP PERFS. (CONTINUOUS WATER FLOW STOPPED WHEN CICR SET. MIX & PMP PLUG #2 (CHACRA TOP). INSIDE/OUTSIDE PLUG F/2900' T/2750' W/60 SXS BEHIND 4-1/2" CSG, 4 SXS BELOW CICR & 12 SXS ABOVE CICR IN 4-1/2" CSG. CMNT = 15.8 PPG, @ 1.15 YIELD W/5 GPS MIX WATER. LD 6 JTS TBG. SDFN. EMAIL SENT TO MONICA KUEHLING/NMOCD & KENNY RENNICK/BLM TO UPDATE PROCEDURE BASED ON CBL RESULTS AS FOLLOWS: 150' inside/outside plug from 2750'-2900' (Chacra top at 2,850'). 470' cmt plug from 1,752'-2,222' (FRC top at 1,852', PC top at 2,172'). 258' inside/outside plug from 725'-983' (Ojo top at 825', Kirtland top at 833'). 351' cmt plug from 0'-351' (shoe at 301'). P&A complete with marker and cmt top off. WOC & TAG ALL PLUGS UNTIL WE GET A PT. EMAIL APPROVAL RECEIVED FROM KENNY/BLM. APPROVAL RECEIVED FROM MONICA/NMOCD EXCEPT IF WATER IS STILL FLOWING @ KIRTLAND OJO PLUG, THE PLUG WILL HAVE

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TO BE DIVIDED INTO TWO. ONCE KIRTLAND IS DONE AND WATER FLOW IS STILL PRESENT A WATER SAMPLE WILL NEED TO BE TAKEN AND ANALYZED. A DECISION WILL NEED TO BE MADE ON HOW TO PROCEED.

12/2/2022: CK WELL PRESSURES (SICP-0, SITP-0, SIBHP-0). TIH W/TAG & TAG TOC @ 2670'. LD JTS T/2227'. PT CSG T/640 PSI, GOOD TST. MIX & PMP PLUG #3 (FRC & PC TOPS) F/2227' T/1752' W/37 SXS (7.5 BBLS) OF 15.8 PPG, 1.15 YLD, 5 GPS MIX WATER. PERF CIRC HOLES (4 SPF) @ 983'. TIH & SET CICR @ 933'. EST INJ. MIX & PMP PLUG #4 (OJO KIRTLAND TOPS). INSIDE OUTSIDE PLUG F/983' T/725' W/102 SXS BEHIND 4-1/2" CSG, 4 SXS BELOW CICR & 16 SXS ABOVE CICR IN 4-1/2" CSG (258' PLUG). CMT = 15.8 PPG, @ 1.15 YIELD W/5 GPS MIX WATER. LD 18 JTS TBG T/361'. TOP UP W/2 BBLS FW. MIX & PMP INSIDE PLUG #5 (SURFACE) F/361' T/10' W/21.6 SXS (4.4 BBLS) OF 15.8 PPG 1.15 YIELD, 5 GPS MIX WATER CLASS G CMT. TOH & L/D TBG. TOP UP HOLE W/10 SXS (2 BBLS) CMT. ND BOP. CUT OFF WH. INSTALL MARKER. FILL CELLAR W/30 SX CMT. RDRR @ 15:30 HRS.

MONTY GOMEZ/BLM ONSITE TO WITNESS PLUGGING OPERATIONS

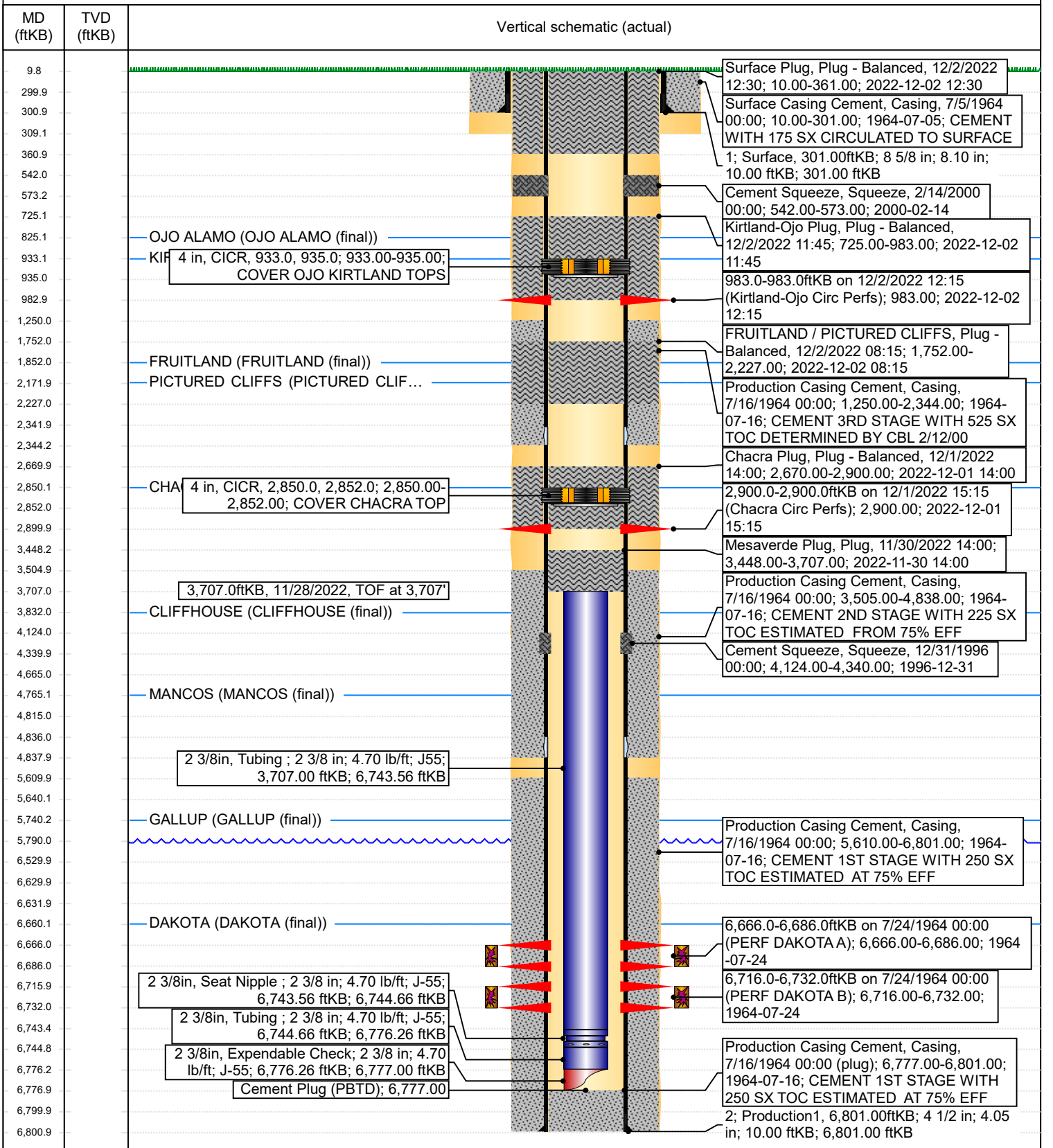


Current Schematic - Version 3

Well Name: **FEDERAL F #1**

API / UWI 3004508977	Surface Legal Location 033-030N-011W-J	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 0701	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,894.00	Original KB/RT Elevation (ft) 5,904.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [VERTICAL]



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
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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 171547

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 171547
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 12/2/22	1/4/2023