

| | | |
|-----------------------------------|--|---|
| Well Name: APACHE FEDERAL | Well Location: T24N / R5W / SEC 18 / NWSE / 36.311367 / -107.400719 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 10 | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: JICARILLA APACHE |
| Lease Number: JIC69 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3003905477 | Well Status: Abandoned | Operator: HILCORP ENERGY COMPANY |

Subsequent Report

Sundry ID: 2752738

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/22/2023

Time Sundry Submitted: 07:49

Date Operation Actually Began: 08/30/2023

Actual Procedure: The subject well is P&A'd as of 9/6/2023. Please see attached plugging reports.

SR Attachments

Actual Procedure

HILCORP_APACHE_FEDERAL_10_CBL_20230922074749.pdf

Apache_Federal_10__P_A_Sbsq_Sundry_20230922073343.pdf

Well Name: APACHE FEDERAL

Well Location: T24N / R5W / SEC 18 /
NWSE / 36.311367 / -107.400719

County or Parish/State: RIO
ARRIBA / NM

Well Number: 10

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:
JICARILLA APACHE

Lease Number: JIC69

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003905477

Well Status: Abandoned

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: CHERYLENE WESTON

Signed on: SEP 22, 2023 07:47 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: CWESTON@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: 09/25/2023

Signature: Matthew Kade

Apache Federal 10 - P&A

API: 3003905477

P&A Sbsq Sundry

- 8/30/2023** PJSM. MIRU. RU PULLING UNIT, SPOT AUX EQUIP. PJSM. SITP: 45 PSI, SICP: 9 PSI, SIICP: 0 PSI, SIBHP: 0 PSI, BDW. ND WH, NU & FT BOP'S. RU FLOOR. PULL TBG HANGER. PULL 2.375" 4.7# TBG. TIH WITH 4 3/4" BIT & 5.5" SCRAPER. PU 2.375" 4.7# TBG TO 5,383'. SISW. SDFN.
- 8/31/2023** PJSM. SITP 45#, SICP 9#, BH 0#, BDW. TOO, LD STRING MILL. TIH, SET **5.5 CIBP @ 5370'**. LOAD HOLE. ATT PT (FAIL). RU WL. RUN **CBL 5370' TO SURFACE**. TIH, PUMP **CEMENT PLUG #1 (GALLUP)** 15 SX 3.7 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 5,220', BOC @ 5,370'. DISPLACE 20.3 BBL. LD 5 JTS. REV OUT, TOO 10 STDS. WOC. SISW. SDFN. JICARILLA APACHE REP ON LOCATION, GERAMIE HAVENS.
- 9/1/2023** PJSM. SITP: 0 PSI, SICP: 0 PSI, SIICP: 0 PSI, SIBHP: 0 PSI, BDW. TIH, TAG PLUG @ 5220'. LD 21 JTS. PUMP **CMT PLUG #2 (MANCOS)** 15 SX 3.7 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 4,418', BOC @ 4,568'. DISPLACE 17.2 BBL. LD 6 JTS. REV OUT. TOO 10 STDS. WOC. TIH, TAG PLUG @ 4483'. **APPROVAL FROM JICARILLA APACHE REP ON LOCATION GERAMIE HAVENS & MONICA KUEHLING, NMOCD TO CONTINUE WITH P&A PROCEDURE**. LD 21 JTS. RU WL. **PERF HOLES @ 3694'**. TIH, SET **5.5" CIBP @ 3644'**. ATTEMPT PT (FAIL). PUMP **CMT PLUG #3 CLIFF HOUSE**, 53 SX 8.3. BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 3,544', BOC @ 3,644'. DISPLACE 13.8 BBL (38 SXS BELOW CICR, 10 SXS ON TOP). LD 6 JTS. TOO, WOC. SISW. SDFN. JICARILLA APACHE REP ON LOCATION, GERAMIE HAVENS.
- 9/5/2023** PJSM. SITP 0#, SICP 0#, BH 0#, BDW. TIH, TAG PLUG #3 @ 3542'. LD 20 JTS. LW 2 BBL, CIRC 5 BBL, PT CSG 700#, GOOD TEST. TOO 46 STDS. RU WL. RIH, **PERF @ 3,010'**. POOH. LW 5 BBL. EST RATE 250# @ 2 BPM, PUMP 4 BBL. TIH, SET **CICR @ 2,960**. EST RATE 400# @ 1.5 BPM. PUMP 4 BBL **CEMENT PLUG #4 CHACRA**, 53 SX 8.3 BBL, 1.37, 14.8#, 6.64 GAL/SX, 10 SX ABOVE/5 SX BELOW, 38 SX OUTSIDE. TOC @ 2,860', BOC @ 3,010'. DISPLACE 11 BBL. LD 4 JTS. WOC. TOO 44 STDS, LD SETTING TOOL. TIH, TAG PLUG #4 @ 2,845'. LD 18 JTS. **APPROVAL TO PUMP INSIDE PLUG FOR PLUG #5, JIC REP GERAMIE HAVENS, BLM & NMOCD, MONICA KUEHLING. CEMENT PLUG #5 DV/PC/FC/KRT/OJO**, 84 SX 8.3 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 1,480', BOC @ 2,320'. DISPLACE 5.7 BBL. LD 72 JTS. SISW. SDFN. JICARILLA APACHE REP ON LOCATION, GERAMIE HAVENS.
- 9/6/2023** PJSM. SITP 0#, SICP 0#, BH 0#, BDW. RU WL. RIH, **PERF @ 258'**. POOH, LW 9 BBL, CIRC 26 BBL. **CMT PLUG #6 SURFACE SHOE**, 83 SX 1.37, 14.8#, 6.64 GAL/SX. TOC @ 0', BOC @ 258'. RD FLOOR. ND BOP. PREP TO CUT OFF WH. WOC. CUT OFF WH. TOC IN 5.5" 0'/TOC 8 5/8" 4'. **WELD ON P&A MARKER**. FILL CSG & CELLAR W/14 SX CMT. **RDRR @ 18:00**. FINAL REPORT. JICARILLA APACHE REP ON LOCATION, GERAMIE HAVENS.

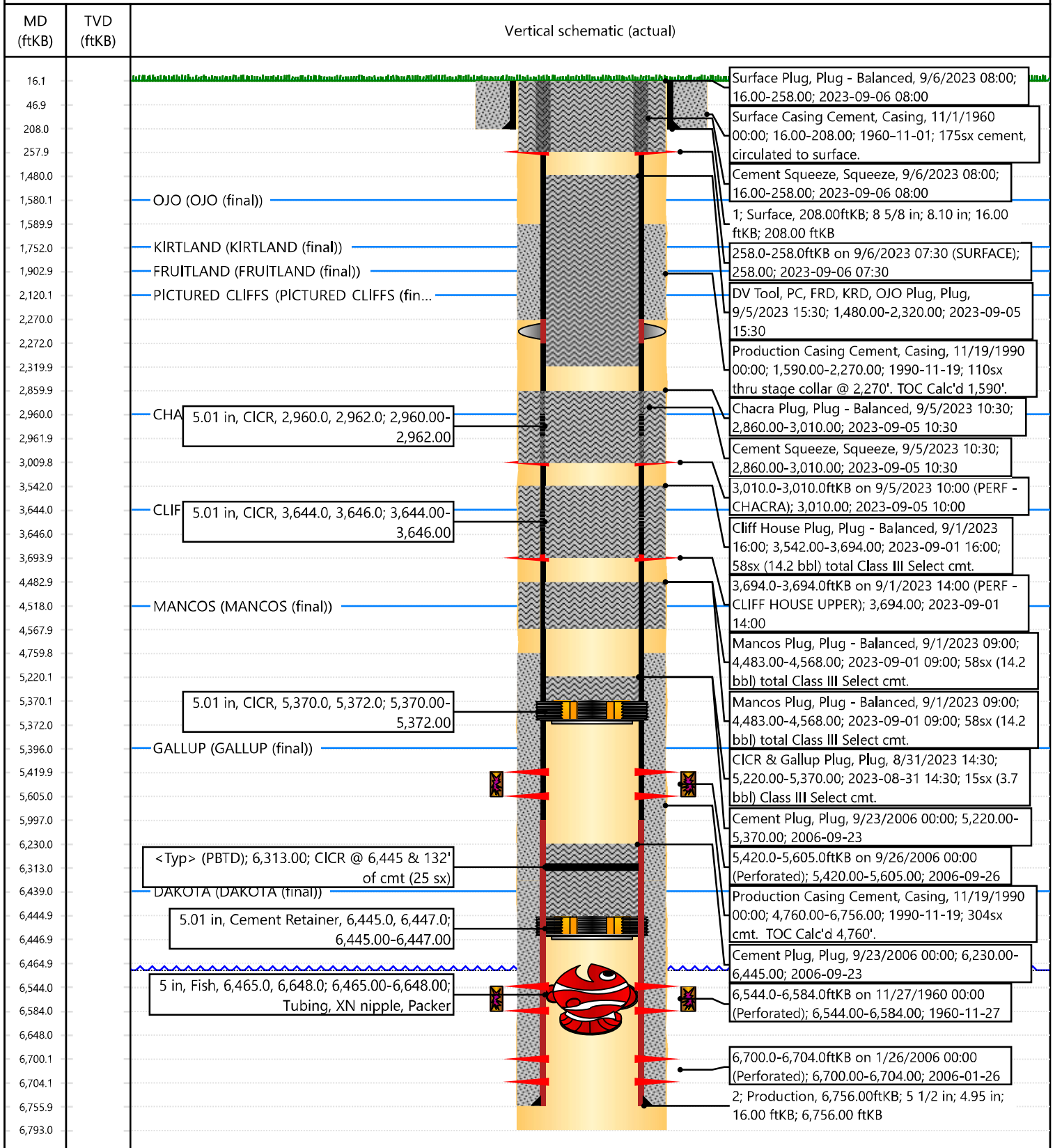


Current Schematic - Version 3

Well Name: **APACHE FEDERAL #10**

| | | | | | |
|-----------------------------------|---|----------------------------|--------------------------------|--------------------------------|-------------------------------------|
| API / UWI 3003905477 | Surface Legal Location T24N-R05W-S18 | Field Name Basin Dakota | Route 1416 | State/Province New Mexico | Well Configuration Type Vertical |
| Ground Elevation (ft) 6,470.00 | Original KB/RT Elevation (ft) 6,486.00 | RKB to GL (ft) 16.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) | |

Original Hole [Vertical]



Cheryl Weston

From: Michael Wissing
Sent: Thursday, August 31, 2023 6:57 PM
To: Kuehling, Monica, EMNRD; Kenny Rennick - BLM (krennick@blm.gov); mkade@blm.gov; geramiehavens@jicarillaoga.com; alfredvigiljr@jicarillaoga.com
Cc: Rustin Mikeska; Mandi Walker; Cheryl Weston; Lee Murphy; Blas Enriquez - (C); Roy Kimbel - (C)
Subject: Hilcorp P&A change request- Apache Federal 10
Attachments: Apache Federal 10_P&A NOI OCD Approved.pdf; HILCORP APACHE FEDERAL #10 CBL.pdf

Hey Jicarilla Apache and NMOCD,

Hilcorp proposes the following P&A changes based on our CBL we just received. Please let us know what you think and if you approve the P&A procedure...

1. CICR set at 5370' (done)
2. CBL- attached
3. Csg PT- failed
4. 150' inside plug from 5220-5370 (top perf 5420')
5. 150' inside plug from 4418-4568' (Mancos top 4518') **Proposed Change**
6. 150' inside/outside plug from 3544'-3694' (CH top 3644') **COA BLM**
7. 150' inside/outside plug from 2860'-3010' (Chacra top 2960')
8. 840' inside plug from 1480'- 2320' (DV at 2270', PC top 2120', FRC top 1800', Kirtland top 1752', Ojo top 1580')
Proposed change
 - a. *This plug is still under review for the Ojo and Kirtland tops*
9. Perf and circ cmt from surface to 258' (csg shoe at 208')
10. Cut whd, add marker, fill cellar w/ cmt

Thank you!

Michael Wissing
Ops Engr- P&A
Mobile: 318-572-7870
Hilcorp Energy Company

Cheryl Weston

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, September 1, 2023 8:22 AM
To: Kuehling, Monica, EMNRD; Michael Wissing; Kade, Matthew H; geramiehavens@jicarillaoga.com; alfredvigiljr@jicarillaoga.com
Cc: Rustin Mikeska; Mandi Walker; Cheryl Weston; Lee Murphy; Blas Enriquez - (C); Roy Kimbel - (C)
Subject: Re: [EXTERNAL] Hilcorp P&A change request- Apache Federal 10

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

The BLM finds the proposed changes appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrn.dnm.gov>
Sent: Friday, September 1, 2023 7:17 AM
To: Michael Wissing <mwissing@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; geramiehavens@jicarillaoga.com <geramiehavens@jicarillaoga.com>; alfredvigiljr@jicarillaoga.com <alfredvigiljr@jicarillaoga.com>
Cc: Rustin Mikeska <rmikeska@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>
Subject: RE: [EXTERNAL] Hilcorp P&A change request- Apache Federal 10

NMOCD approves below with prior approval from the BLM

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District

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 268649

CONDITIONS

| | |
|--|--|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 268649 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------------------|----------------|
| mkuehling | well plugged 9/6/2023 | 10/27/2023 |