

Well Name: JICARILLA 20	Well Location: T25N / R4W / SEC 18 / NESW / 36.397237 / -107.2945287	County or Parish/State: RIO ARRIBA / NM
Well Number: 4	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC64	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003982253	Well Status: Abandoned	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2754693

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/05/2023	Time Sundry Submitted: 07:27
Date Operation Actually Began: 09/14/2023	

Actual Procedure: The subject well was P&A'd on 9/22/2023 per the attached report. A surface plate was used as the P&A marker located at Lat 36.397237,Long -107.294528. See attached photo.

SR Attachments

Actual Procedure

- BIA_MEMO_RE__BIA_Concurrence_concerning_Well_Pad_Monument_Makers_DTD_11_15_2019_20231005072720.pdf
- JICARILLA_20_4_MARKER_PLATE_20231005072654.pdf
- Jicarilla_20_4_P_A_Sbsq_Sundry_20231003145914.pdf

Well Name: JICARILLA 20	Well Location: T25N / R4W / SEC 18 / NESW / 36.397237 / -107.2945287	County or Parish/State: RIO ARRIBA / NM
Well Number: 4	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
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US Well Number: 3003982253	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: OCT 03, 2023 02:59 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTONState: 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: 10/05/2023

Signature: Matthew Kade

Jicarilla 20 4

API 30-039-82253

Plug & Abandon Sbsq Sundry

9/14/2023 – MIRU. PJSM. SITP 0#, SICP 80#, BH 0#, BDW. ND WH. NU BOP & FT. RU FLOOR. PULL TBG HANGER. LD 228 JTS 2.375" TBG. SISW. SDFN.

9/15/2023 – PJSM. SITP 0#, SICP 40#, BH 0#, BDW. PU 2.375" TBG, 4 3/4" BIT & 5.5" SCRAPER TO 6,893'. TOO H 108 STDS. LD SCRAPER. TIH 5.5" CICR #1 TO 6,203'. SD OPS FOR THE DAY DUE TO HEAVY RAIN. SISW. SDFN.

9/18/2023 – PJSM. SITP 0#, SICP 40#, BH 0#, BDW. TIH 108 JTS. SET **CICR @ 6,858'**. LW 139 BBLS. CIRC 170 BBLS H2O. PT 600 PSI (FAILED). CEMENT PLUG #1 (GALLUP, DAKOTA): 71 SX 14.7 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 6,658', BOC @ 7,130'. DISP 25.7 BBL. TOO H 105 STDS. RU WL. RUN **CBL 6,592' TO SURFACE**. RD WL. TIH 40 STDS. SD DUE TO HEAVY RAIN. SISW. SDFN.

9/19/2023 - PJSM. SITP 0#, SICP 0#, BH 0#, BDW. TIH 59 STDS, TAG PLUG #1 @ 6,626'. LD 18 JTS. TOO H 96 STDS. RU WL. RIH, **PERF @ 6,132'**. POOH. LW 17 BBLS. PT 600 PSI (FAILED). EST RATE 900# @ 1.1 BPM, PUMP 7 BBL. TIH, SET **CICR @ 6,082'**. EST INJ RATE BELOW CICR @ 1050#, 0.3 BPM. PUMP 4 BBL. LOCK UP @ 1050. STING OUT, SPOT PLUG ON TOP. CEMENT PLUG #2 (MANCOS): 28 SX 3.7 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 5,790', BOC @ 6,082'. DISP 22.4 BBL. LD 10 JTS, PULL 91 STDS. **VERBAL APPROVAL FOR INSIDE PLUG BY BILL DIERS, BLM.** WOC. TIH, TAG PLUG #2 @ 5,772'. LD 19 JTS. LW 5 BBL, CIRC 3 BBL. PT CSG 600# (FAIL). CEMENT PLUG #3 (CLIFFHOUSE): 19 SX 4.6 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 5,020', BOC @ 5,220'. DISP 19.4 BBL, LD 6 JTS. TOO H 12 STDS. SISW. SDFN.

9/20/2023- PJSM. SITP 0#, SICP 0#, BH 0#, BDW. TIH, TAG PLUG #3 @ 5,014'. LD 19 JTS. SD DUE TO RAIN. SDFN.

9/21/2023- PJSM. SITP 0#, SICP 0#, BH 0#, BDW. LW 12 BBLS, CIRC 15 BBLS. CEMENT PLUG #4 (CHACRA): 19 SX 4.6 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 4,250', BOC @ 4,450'. DISP 16.4 BBL, LD 6 JTS. RO 20 BBLS. TOO H 12 STDS. WOC. TAG PLUG #4 @ 4,280'. PT 600 PSI (FAILED). LD 26 JTS. TOO H 55 STDS. RU WL. RIH, **PERF @ 3,580'**. POOH. LW 7 BBL. EST RATE 700# @ 1.3 BPM. PUMP 5 BBL. MU 5.5" CICR. TIH 55 STDS. LW 0.5 BBLS. PT 600 PSI (FAILED). EST INJ RATE BELOW CICR @ 1050#, 1.1 BPM, PUMP 4 BBL. STING OUT, SPOT PLUG ON TOP. CEMENT PLUG #5 (PICTURED CLIFFS): 19 SX 4.6 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 3,330', BOC @ 3,530'. DISP 12.8 BBL, LD 7 JTS. **VERBAL APPROVAL FOR INSIDE PLUG BY BILL DIERS, BLM.** TOO H 52 STDS. TIH 40 STDS TO 2,536'. SISW. SDFN.

9/22/2023 - PJSM. SITP 0#, SICP 0#, BH 0#, BDW. TIH 12 STDS. TAG PLUG #5 @ 3,328'. LW 7 BBLS, PT 600 PSI, FAILED. LD 5 JTS. TOO H 50 STDS. RU WL. RIH, **PERF @ 3,260'**. POOH, LW 7 BBLS. EST RATE 1000# @ 1.1 BPM, PUMP 10 BBLS. LOCKED UP @ 1000 PSI. TIH 50 STDS TO 3,328'. CEMENT PLUG #6 (OJO, KIRTLAND, FRUITLAND): 52 SX 12.7 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 2794', BOC @ 3,328'. DISP 10.8 BBL, LD 16 JTS. RO 15 BBLS. TOO H 12 STDS. WOC. TIH 12, TAG PLUG #6 @ 2,940'. LD 93 JTS. RU WL. RIH, **PERF @ 400'**. POOH. LW 10 BBL, EST RATE 80# @ 1.5 BPM. PUMP 25 BBL CEMENT PLUG #7 (SURFACE SHOE): 111 SX 1.37, 14.8#, 6.64 GAL/SX. TOC @ 0', BOC @ 400'. RD FLOOR. ND BOP. PREP TO CUT OFF WH. WOC. CUT OFF WH. TOC IN 5.5" 43'/TOC 8 5/8" 10'. WELD ON P&A MARKER (SURFACE PLATE). FILL CSG & CELLAR W/32 SX CMT. **RDRR @ 21:30.**

***BLM REP, BILL DIERS ON LOCATION TO WITNESS P&A OPERATIONS.**

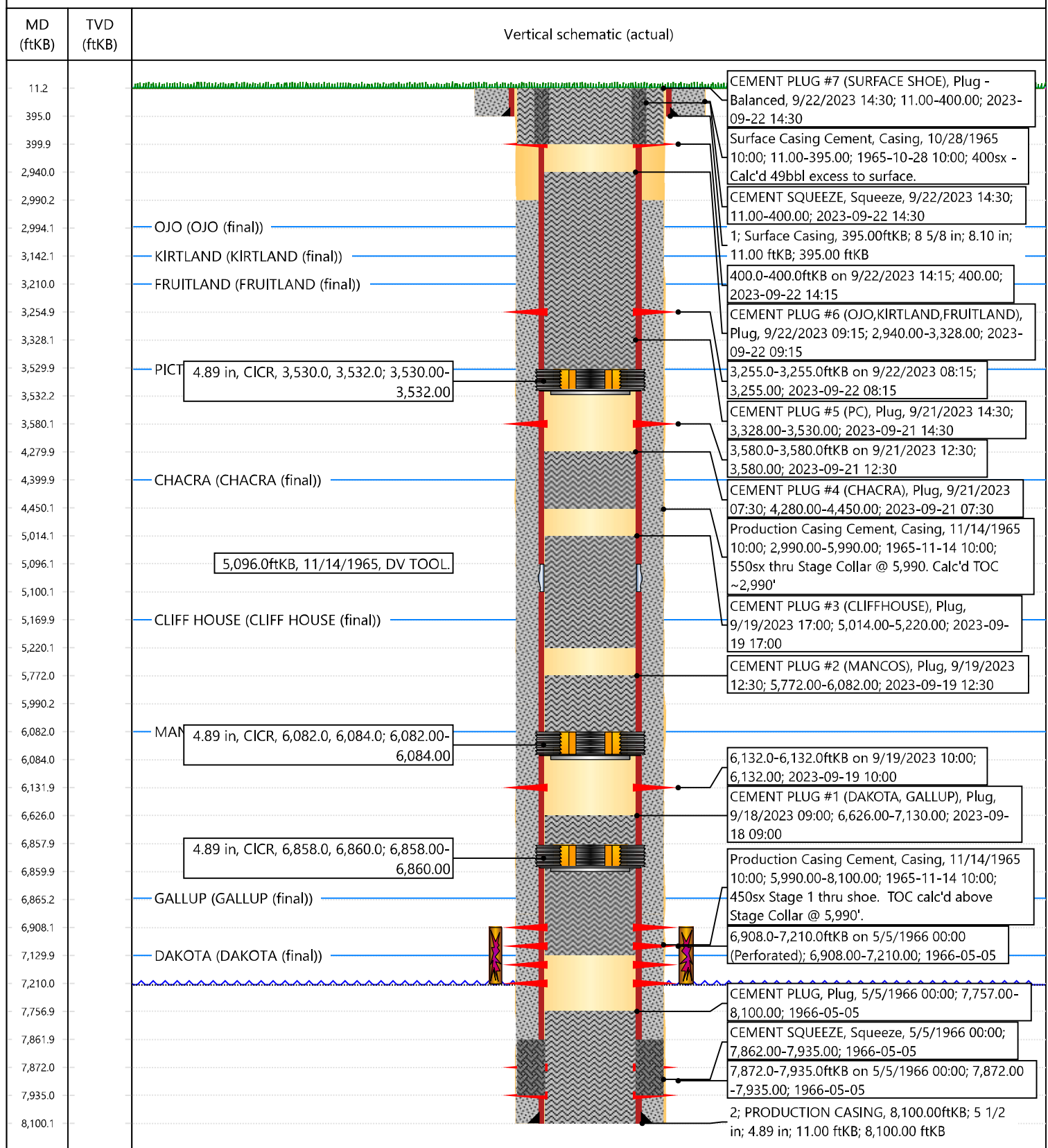


Current Schematic - Version 3

Well Name: JICARILLA 20 #4

API/UWI 3003982253	Surface Legal Location 018-025N-004W-K	Field Name GL	Route 1415	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 7,220.00	Original KB/RT Elevation (ft) 7,231.00	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft) 11.00	KB-Tubing Hanger Distance (ft) 11.00	

Original Hole [Vertical]



Cheryl Weston

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, September 19, 2023 10:12 AM
To: Rustin Mikeska; Kade, Matthew H; Roy Kimbel - (C); Brice Clyde - (C); Lucero, Virgil S
Cc: Max Weaver; Michael Wissing; Lee Murphy; Cheryl Weston; Mandi Walker; Daniel Hurd; monica.kuehling@state.nm.us
Subject: Re: [EXTERNAL] HILCORP JICARILLA 20-4 CBL 30-039-82253

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The BLM finds the proposed procedure 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: Rustin Mikeska <rmikeska@hilcorp.com>
Sent: Tuesday, September 19, 2023 9:05 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>
Cc: Max Weaver <mweaver@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Daniel Hurd <dhurd@hilcorp.com>; monica.kuehling@state.nm.us <monica.kuehling@state.nm.us>
Subject: RE: [EXTERNAL] HILCORP JICARILLA 20-4 CBL 30-039-82253

Good morning Kenny – Please review the following proposal based on CBL results:

Completed:

- Gallup & Dakota: Set CICR @ 6,858'
- Pumped 52sx below (BOC 7,130'), sqz'd final 3bbl w/ 1,000psi. Pumped 19sx on top (TOC 6,626')
- DV Tool was discovered at 5,990'.

Proposed:

- Mancos & DV Tool: Perf 6,132', establish injection. Set CICR 6,082'. 73sx below, 19sx above
- Cliff House: Inside plug as proposed
- Chacra: Inside plug as proposed
- Pictured Cliffs: Perf 3,580', establish injection. Set 3,530'. 66sx below, 19sx above

- Ojo, Kirtland, Fruitland: Perf 3,260', est injection. Set CICR 3,210'. 76sx below, 40sx above
- Surface: Perf 400' due to partial bond at original perf depth. 92sx circulation from 400' to surface.

*Note all cmt calculations use Class III "Select" cement. Outside annular volumes include 100% excess and inside casing volumes include 50' excess.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer

Cell: (254) 913-6777

Office: (713) 289-2931

rmikeska@hilcorp.com



From: Jason Landeros <jlanderos@apluswell.com>

Sent: Monday, September 18, 2023 3:22 PM

To: Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>;

MKADE@BLM.GOV; Roy Kimbel - (C) <roy.kimbel@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>;

monica.kuehling@state.nm.us; Michael Wissing <mwissing@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>;

KRENNICK@BLM.GOV; Mandi Walker <mwalker@hilcorp.com>; vlucero@blm.gov; Daniel Hurd

<DHURD@HILCORP.COM>; Cheryl Weston <CWESTON@HILCORP.COM>; Lee Murphy <LMURPHY@HILCORP.COM>

Cc: Jason Landeros <jlanderos@apluswell.com>; Jeff Witzman <jeff@apluswell.com>

Subject: [EXTERNAL] HILCORP JICARILLA 20-4 CBL 30-039-82253

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Hilcorp Energy Co

Ticapiilla 20-4

Lease # Tic 64

APT 30-039-82253

T25 NR4 w Sec 18 MESW

Lat 66.397237 Long -107.2945287

Rio Arriba, NM

9-22-23



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Jicarilla Agency

P.O. Box 167

Dulce, New Mexico 87528

IN REPLY REFER TO:

Branch of Real Estate Services

November 15, 2019

Memorandum

To: Robert Switzer, Environmental Protection Specialist
Bureau of Land Management, Farmington Field Office

From: Kurt Sandoval, Realty Officer
Bureau of Indian Affairs, Jicarilla Agency

Subject: BIA Concurrence concerning Well Pad Monument Makers

Let this serve as concurrence for the agreed upon preferred method to be used when constructing well pad monument markers on Jicarilla Apache Tribal Lands. We will eliminate the 6 ft. dry hole marker and use a permanent metal plate that will be installed at ground level, effective September 2019. The marker will contain the following information:

- Well Pad Lease Number
- Well Pad Location Name and Number
- Well Pad Legal Description, specifically Section, Township and Range
- Well Pad API Number
- Well Pad Plug Date
- Well Pad Operator Name

You may contact our office if you have any questions or concerns at (575) 759-3936. Thank you.


Realty Officer

cc: Jicarilla Oil and Gas Administration

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 273272

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 273272
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 9/22/2023	10/27/2023