

<b>Well Name:</b> HUERFANITO UNIT	<b>Well Location:</b> T27N / R9W / SEC 25 / NWNW / 36.55074 / -107.74532	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 82M	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b> EASTERN NAVAJO
<b>Lease Number:</b> I149IND8473	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004528977	<b>Well Status:</b> Abandoned	<b>Operator:</b> HILCORP ENERGY COMPANY

### Subsequent Report

**Sundry ID:** 2767269

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 12/22/2023

**Time Sundry Submitted:** 08:46

**Date Operation Actually Began:** 12/19/2023

**Actual Procedure:** Hilcorp Energy Company plugged and abandoned the subject well on 12/21/2023 per the attached report.

### SR Attachments

#### Actual Procedure

HILCORP\_HUERFANITO\_UNIT\_\_82MCBL\_20231222084621.pdf

HUERFANITO\_UNIT\_82M\_P\_A\_Subsequent\_20231222084533.pdf

Well Name: HUERFANITO UNIT

Well Location: T27N / R9W / SEC 25 /  
NWNW / 36.55074 / -107.74532County or Parish/State: SAN  
JUAN / NM

Well Number: 82M

Type of Well: CONVENTIONAL GAS  
WELLAllottee or Tribe Name:  
EASTERN NAVAJO

Lease Number: I149IND8473

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004528977

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: TAMMY JONES

Signed on: DEC 22, 2023 08:46 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5185

Email address: TAJONES@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: 12/26/2023

Signature: Matthew Kade

HUERFANITO UNIT 82M

30.045.28977

PLUG &amp; ABANDON

**12/19/2023** – MIRU. CHECK PSI ON WELL. SITP 0#, SICP 0#, BH 0#, BDW 0 MIN. ND WH. NU BOP, PT & FUNCTION TEST. RU FLOOR. PULL TBG HANGER. TOO H W/2.375" TBG. MU 4-1/2" BIT & SCRAPER. TIH TO 2985'. TOO H W/BIT & SCRAPER. SIW. SDFN.

**12/20/2023** – CHECK PSI ON WELL. SITP 0#, SICP 0#, BH 0#, BDW 0 MIN. MU 4-1/2" CICR. TIH 47 STDS OF 2.375" TBG TO 2966'. SET CICR @ 2966'. LW W/46 BBLs, PUMP 50 BBLs TOTAL. P/T TO 560 PSI & PASSED. **CEMENT PLUG #1 (CHACRA TOP, & TOP PERFS)** 20 SX 4.8 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 2816', BOC @ 3116'. 10 SKS ABOVE, AND 10 SKS BELOW CICR. DISPLACE 10.8 BBL. LD 6 JTS, R/O 20 BBLs. TOO H 44 STDS OF 2.375" TBG. WOC. RU W/L. P/T LUBRICATOR TO 600 PSI & HELD. HOLD 560 PSI ON PRODUCTION CASING WHILE RUNNING CBL FROM 2200' TO SURFACE. LD CBL TOOL & PU PERF TOOLS. RIH & PERF SQUEEZES HOLES @ 2070'. POOH & RD WIRELINE. WOC. MU TAG SUB. TIH 44 STDS OF 2.375" TBG & TAG CEMENT PLUG #1 @ 2882'. LD 27 JTS. TOO H 32 STDS OF 2.375" TBG. LD TAG SUB. MU 4-1/2" CICR, RIH & SET CICR @ 2041'. INJECTION RATE 1.5 BBLs/MIN @ 500 PSI. **CEMENT PLUG #2A (PC TOP)** 43 SX 10.4 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 2041', BOC @ 2070'. 43 SKS BELOW CICR. DISPLACE 7.8 BBL. R/O 20 BBLs ON TOP OF CICR. TOO H 12 STDS OF 2.375" TBG. **(BLM REP. KEN CHRISTESEN ON LOCATION)** SIW. SDFN.

**12/21/2023** – CHECK PSI ON WELL. SITP 0#, SICP 0#, BH 0#, BDW 0 MIN. TIH 12 STD OF 2.375" TBG TO 2041'. **CEMENT PLUG #2B (FRD, DV TOOL)** 25 SX 6 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 1650', BOC @ 2041'. DISPLACE 6.3 BBL, LD 13 JTS. TOO H 26 STDS OF 2.375" TBG. LD STINGER. WOC. MU TAG SUB TIH & TAG CEMENT PLUG #2B @ 1764'. **RE-PUMP CEMENT PLUG #2B (FRD, DV TOOL)** 7 SX 1.5 BBL, 1.37, 14.8#, 6.64 GAL/SX. FROM TOC @ 1664', BOC @ 1764'. DISPLACE 6.4 BBL, LD 13 JTS. **CEMENT PLUG #3 (KRD TOP)** 10 SX 2.3 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 1193', BOC @ 1343'. DISPLACE 4.6 BBL, LD 10 JTS. **CEMENT PLUG #4 (OJO TOP)** 10 SX 2.3 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 885', BOC @ 1035'. DISPLACE 3.4 BBL, LD 32 JTS. RU W/L, RIH & PERF SQUEEZES HOLES @ 268' (SURFACE). POOH & RD W/L. LW 12 BBLs, INJECTION RATE @ 0 BBLs/MIN, 900 PSI. NO INJECTION RATE. **(BLM REP. & NMOCD APPROVED FOR INSIDE PLUG FROM 318' TO SURFACE)** TIH 10 JTS OF 2.375" TBG TO 318'. **CEMENT PLUG #5 (SURFACE)** 29 SX 7 BBLs, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 0', BOC @ 318'. LD 10 JTS. RD RIG FLOOR. ND BOP & NU WH. PREP TO CUT OFF WH. **(NOTIFIED NMOCD MONICA KUEHLING AND BLM OF RIG MOVE TOMORROW FROM HUERFANITO UNIT 82M TO HANKS 22R)** CUT OFF WH. (TOC IN 4.5" 0' & BH 100') WELD ON P&A MARKER, FILL CASING AND CELLAR WITH 32 SX CEMENT RIG DOWN RIG AND EQUIPMENT **(RIG RELEASED @ 19:00 12/21/23)**

**BLM INSPECTOR – KEN CHRISTESEN, WITNESSED PLUGGING OPERATIONS.**

**Tammy Jones**

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Thursday, December 21, 2023 11:11 AM  
**To:** Rustin Mikeska; Rennick, Kenneth G  
**Cc:** Max Weaver; Clay Padgett; Lee Murphy; Priscilla Shorty; Tammy Jones; Brice Clyde - (C)  
**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

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NMOCD accepts for record with prior approval from the BLM

**From:** Rustin Mikeska <rmikeska@hilcorp.com>  
**Sent:** Thursday, December 21, 2023 11:01 AM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Cc:** Max Weaver <mweaver@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; Tammy Jones <tajones@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>  
**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

Monica/Kenny – Requesting approval to spot an additional 100' cmt after tagging Plug #2b low.

**Huerfanito Unit 82M**

3004528977

**Completed:**

- Pumped Plug #1 and #2a as approved.
- Pumped Plug #2b as approved – **tag low @ 1,764'**.
- Obtained good pressure test of 560psi for 30min witnessed by BLM rep on location.

**Proposal:**

1. **Repump 100' cmt** for **Plug #2b (CICR, FRD Top, DV Tool)** from **1,664' – 1,764'** using **7sx 1.5bbl** (Class III, 14.8ppg, 1.37 yield)
2. **Plug #3 (KRD Top)** | 150' inside cmt plug from 1,193' – 1,343' using 10sx (Class III, 14.8ppg, 1.37 yield)
3. **Plug #4 (Ojo Top)** | 150' inside cmt plug from 885' – 1,035' using 10sx (Class III, 14.8ppg, 1.37 yield)
4. **Plug #5 (Surface Shoe)** | 268' inside/outside cmt plug from surface to 268' using 64sx (Class III, 14.8ppg, 1.37 yield)
5. WOC top plug 4hr, cut off wellhead, weld P&A marker, confirm TOC, top off as needed.

*\*No BH pressure observed on well.*

Thanks,  
**Rustin Mikeska**  
P&A – Petroleum Engineer  
Cell: (254) 913-6777  
Office: (713) 289-2931  
[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)

**From:** Rustin Mikeska  
**Sent:** Wednesday, December 20, 2023 3:33 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

## Huerfanito Unit 82M

3004528977

### Proposal:

1. Execute Plug #1 as approved in NOI.
2. **Plug #2a (PC Top) |** Inside/outside cmt plug from **1,971' – 2,071'**
  1. 43sx below CICR includes 100' + 100% excess on backside and cmt in csg below CICR (Class III, 14.8ppg, 1.37 yield)
3. **Plug #2b (CICR, FRD Top, DV Tool) |** 371' inside cmt plug from 1,670' – 2,041'
  1. 24sx above CICR @ 2,041' covers the CICR, FRD Top, and DV Tool (Class III, 14.8ppg, 1.37 yield)
4. **Plug #3 (KRD Top) |** 150' inside cmt plug from 1,193' – 1,343' using 10sx (Class III, 14.8ppg, 1.37 yield)
5. **Plug #4 (Ojo Top) |** 150' inside cmt plug from **885' – 1,035'** using 10sx (Class III, 14.8ppg, 1.37 yield)
6. **Plug #5 (Surface Shoe) |** 268' inside/outside cmt plug from surface to 268' using 64sx (Class III, 14.8ppg, 1.37 yield)
7. WOC top plug 4hr, cut off wellhead, weld P&A marker, confirm TOC, top off as needed.

*\*No BH pressure observed on well.*

Thanks,

**Rustin Mikeska**

P&A – Petroleum Engineer

Cell: (254) 913-6777

Office: (713) 289-2931

[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)

---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>

**Sent:** Wednesday, December 20, 2023 3:29 PM

**To:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>

**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>

**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

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NMOCD approves with prior approval from the BLM

Monica Kuehling

Compliance Officer Supervisor

Deputy Oil and Gas Inspector

New Mexico Oil Conservation Division

North District

Office Phone: 505-334-6178 ext. 123

Cell Phone: 505-320-0243

Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

**From:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>

**Sent:** Wednesday, December 20, 2023 2:25 PM

**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>

**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>

Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>

**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

Apologies – See correction on bottom of Plug #2 to reflect NOI perf depth.

## Huerfanito Unit 82M

3004528977

### Proposal:

1. Execute Plug #1 as approved in NOI.
2. **Plug #2a (PC Top) |** Inside/outside cmt plug from **1,971' – 2,071'**
  1. 43sx below CICR includes 100' + 100% excess on backside and cmt in csg below CICR (Class III, 14.8ppg, 1.37 yield)
3. **Plug #2b (CICR, FRD Top, DV Tool) |** 371' inside cmt plug from 1,670' – 2,041'
  1. 24sx above CICR @ 2,041' covers the CICR, FRD Top, and DV Tool (Class III, 14.8ppg, 1.37 yield)
4. **Plug #3 (KRD Top) |** 150' inside cmt plug from 1,193' – 1,343' using 10sx (Class III, 14.8ppg, 1.37 yield)
5. **Plug #4 (Ojo Top) |** 150' inside cmt plug from 1,193' – 1,343' using 10sx (Class III, 14.8ppg, 1.37 yield)
6. **Plug #5 (Surface Shoe) |** 268' inside/outside cmt plug from surface to 268' using 64sx (Class III, 14.8ppg, 1.37 yield)
7. WOC top plug 4hr, cut off wellhead, weld P&A marker, confirm TOC, top off as needed.

*\*No BH pressure observed on well.*

Thanks,

**Rustin Mikeska**

P&A – Petroleum Engineer

Cell: (254) 913-6777

Office: (713) 289-2931

[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)

---

**From:** Rustin Mikeska

**Sent:** Wednesday, December 20, 2023 3:05 PM

**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>

**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>;

Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>

**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

Good afternoon Monica/Kenny – Please review the attached annotated CBL. We are proposing the following plug design after finding good cement bond:

## Huerfanito Unit 82M

3004528977

### Proposal:

1. Execute Plug #1 as approved in NOI.
2. **Plug #2a (PC Top) |** Inside/outside cmt plug from 1,991' – **2,071'**
  1. 43sx below CICR includes 100' + 100% excess on backside and cmt in csg below CICR (Class III, 14.8ppg, 1.37 yield)
3. **Plug #2b (CICR, FRD Top, DV Tool) |** 371' inside cmt plug from 1,670' – 2,041'
  1. 24sx above CICR @ 2,041' covers the CICR, FRD Top, and DV Tool (Class III, 14.8ppg, 1.37 yield)
4. **Plug #3 (KRD Top) |** 150' inside cmt plug from 1,193' – 1,343' using 10sx (Class III, 14.8ppg, 1.37 yield)
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7. WOC top plug 4hr, cut off wellhead, weld P&A marker, confirm TOC, top off as needed.



\*No BH pressure observed on well.

Thanks,  
**Rustin Mikeska**  
P&A – Petroleum Engineer  
Cell: (254) 913-6777  
Office: (713) 289-2931  
[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)



---

**From:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Sent:** Tuesday, December 19, 2023 10:46 AM  
**To:** 'Kuehling, Monica, EMNRD' <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

We do not have a fish in the hole.

Thanks,  
**Rustin Mikeska**  
P&A – Petroleum Engineer  
Cell: (254) 913-6777  
Office: (713) 289-2931  
[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)



---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Tuesday, December 19, 2023 10:42 AM  
**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

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Do you have a fish in the hole?

---

**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Tuesday, December 19, 2023 9:22 AM  
**To:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>  
**Subject:** Re: [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

BLM finds the proposal appropriate.

Kenneth (Kenny) Rennick

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

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

**From:** Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Sent:** Tuesday, December 19, 2023 8:58 AM  
**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@state.nm.us](mailto:monica.kuehling@state.nm.us)>  
**Cc:** Max Weaver <[mweaver@hilcorp.com](mailto:mweaver@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Tammy Jones <[tajones@hilcorp.com](mailto:tajones@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>  
**Subject:** [EXTERNAL] Hilcorp P&A Variance Request: Huerfanito Unit 82M

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Monica/Kenny – We are proposing the following CBL run based on historical cement reports that suggest cmt to surface.

## Huerfanito Unit 82M

3004528977

*\*Please reference the attached CBL from 1995 showing Stage 2 TOC @ 2,960' after a remedial cement job.*

Proposal:

1. Execute Plug #1 as approved in NOI.
2. Run CBL from 2,200' to surface to identify TOC for the Stage 3 completion cement job.
3. Design plug based on CBL results.
4. Execute NOI as approved.

*\*Will check for BH pressure when we arrive on the well.*

Thanks,

**Rustin Mikeska**

P&A – Petroleum Engineer

Cell: (254) 913-6777

Office: (713) 289-2931

[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)



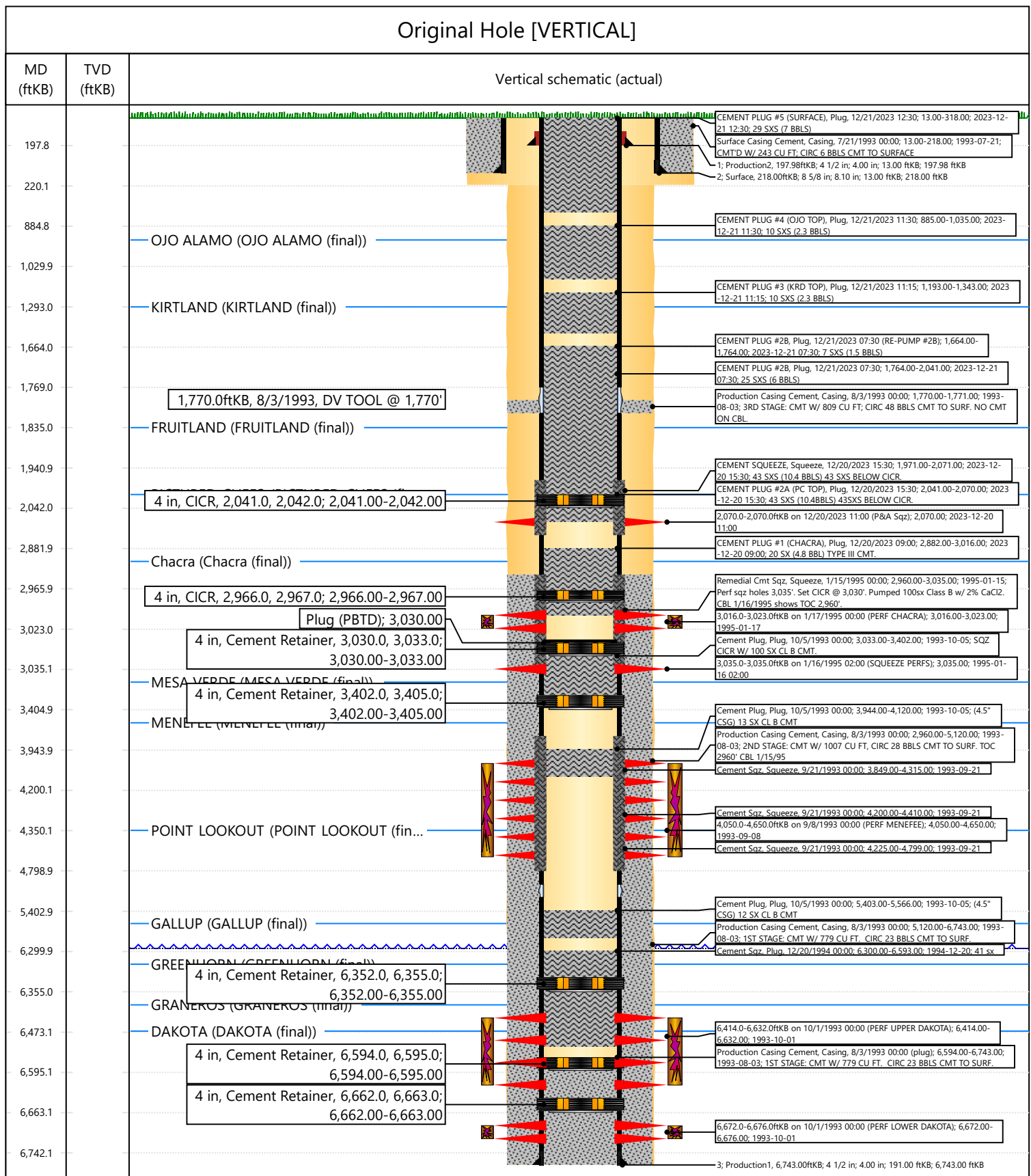
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API / UW1 3004528977	Surface Legal Location 025-027N-009W-D	Field Name OTERO CHRA(GAS) #0576	Route 0809	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,121.00	Original KB/RT Elevation (ft) 6,134.00	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



**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  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 297636

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 297636
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 12/21/2023	1/12/2024