

Well Name: HUERFANO UNIT	Well Location: T26N / R10W / SEC 13 / NWSW / 36.486053 / -107.851929	County or Parish/State: SAN JUAN / NM
Well Number: 174E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077935	Unit or CA Name: HUERFANO UNIT--DK	Unit or CA Number: NMNM78395C
US Well Number: 3004526263	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2797481

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/27/2024

Date Operation Actually Began: 06/14/2024

Type of Action: Plug and Abandonment

Time Sundry Submitted: 06:40

Actual Procedure: Hilcorp Energy Company plugged and abandoned the subject well on 6/26/2024 per the attached report.

SR Attachments

Actual Procedure

HUERFANO_UNIT_174E_P_A_SR_BLM_Submitted_20240627063958.pdf

Well Name: HUERFANO UNIT	Well Location: T26N / R10W / SEC 13 / NWSW / 36.486053 / -107.851929	County or Parish/State: SAN JUAN / NM
Well Number: 174E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077935	Unit or CA Name: HUERFANO UNIT--DK	Unit or CA Number: NMNM78395C
US Well Number: 3004526263	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: PRISCILLA SHORTY

Signed on: JUN 27, 2024 06:40 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTECState: NM

Phone: (505) 324-5188

Email address: PSHORTY@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: 06/27/2024

Signature: Matthew Kade

HUERFANO UNIT 174E**30.045.26263****PLUG AND ABANDONMENT**

6/14/2024 - SPOT IN & RIG UP. CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. SPOT IN RIG & EQUIPMENT. SDFWE.

6/17/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. FINISH RIGGING UP. ND WH, NU BOP, PRESSURE TEST, FUNCTION TEST BOP & RU RIG FLOOR. PULL TBG HANGER @ 40K SW. LD HANGER & LATCH BACK ON TO PROD TBG & SW @ 22K. LD 151 JTS OF PROD TBG. SDFN.

6/18/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. SPOT IN & RIG UP PUMP & PIT. PUMP DOWN PROD TBG & PRESSURE UP TO 400 PSI. TIE ONTO CASING & PUMP 15 BBLS. RIG UP MUD BUCKET, HOSES & WATER TRUCK TO PULL CELLAR. START LD 2-3/8" PROD TBG. HEAVY DRILL MUD IN PROD TBG ON THE LAST 57 JTS. PUMP DOWN TBG & CASING EVERY 15 JTS BUT WOULD PRESSURE UP ON THE TBG TO 400 PSI EACH TIME. TOTAL OF 208 JTS LD. MU 4.5" BIT & STRING MILL. PU 156 JTS OF 2.375" TBG. PUMP DOWN TBG & GOT CIRC @ 4,890'. PUMP 78 BBLS TOTAL. CIRCULATED HEAVY DRILL MUD TO SURFACE. CONTINUE PU TBG TO 6,620'. TALLY, STRAP & RABBIT WORK STRING. PU TOTAL OF 211 JTS. CIRCULATE BOTTOMS UP @ 6,620' W/110 BBLS. LD 1 JT & TOO H WITH 50 STDS OF 2.375" TBG TO 3,141. CIRC WELL CLEAN W/55 BBLS. SDFN.

6/19/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. TOO H 55 STDS OF 2.375" TBG. LD BIT & STRING MILL. MU 4.5" CIRC. TIH & SET CIRC @ 6,600'. LW. PT TO 560 PSI & FAILED. LOST 350 PSI IN 2 MINS. CIRCULATE WELL CLEAN W/110 BBLS FOR CBL RUN. TOO H. LD SETTING TOOL. RU WIRELINE, RUN CBL FROM 6,600' TO SURFACE. POOH R/D WIRELINE. **HEC ENGINEER EMAILED KENNY RENNICK, BLM, AND MONICA KUEHLING, NMOCD, THE CBL AND NOTIFIED THEM THAT THE PRESSURE TEST FAILED. BASED ON THESE DETAILS, HILCORP WILL BE MOVING FORWARD WITH P&A'ING THE WELL, A NOI WILL SUBMITTED FOR OFFICIAL APPROVALS.** SDFN.

6/20/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. MU SETTING TOOL. TIH 105 STDS & 10' PUP. LW W/2BBLS & PUMP 5 BBLS. STING INTO CIRC @ 6,600'. NO INJECT RATE UNDER CIRC. PRESSURE UP TO 1,000 PSI. **(NMOCD & BLM APPROVE TO JUST PUMP CMT ON TOP OF CIRC)** STING OUT OF CIRC. **PUMP CEMENT PLUG #1 (DK PERFS, DK & GRN TOPS) 16 SXS 3.1 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. BOC @ 6,600'.** LD 6 JTS. TOO H. LD SETTING TOOL. MU TAG SUB & TIH & WOC. TIH & **TAG CMT PLUG #1 @ 6,403'.** NMOCD AND BLM APPROVED THE NOI TO P&A THE WELL. LD 26 JTS TO 5,582' & LW. PT TO 560 PSI & FAILED. LOST 190 PSI IN 2 MINS. TOO H & LD TAG SUB. RU WIRELINE, RIH & PERF SQUEEZES HOLES @ 5,640'. POOH & RD WIRELINE. LW. INJECT RATE @ 1.2 BBLS/MIN W/700 PSI. MU 4.5" CIRC. TIH TO 5,615'. SET CIRC @ 5,615'. INJECT RATE UNDERNEATH CIRC @ 1.2 BBLS/MIN W/980 PSI. **PUMP CEMENT PLUG #2 (GAL, DV TOOL, MCS TOPS) 111 SXS 22.7 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. BOC @ 5,640'. TOTAL OF 42 SXS UNDER CIRC & 69 SXS ON TOP OF CIRC.** LD 9 JTS TO 5,332' & RIG BROKE DOWN. TRIED TO R/O PLUG BUT WAS NOT CIRCULATING TO SURFACE. PUMP DOWN TBG & STARTED CIRCULATED CMT OUT AFTER 84 BBLS. CIRCULATE WELL CLEAN W/168 BBLS. TOTAL OF 602' OF CMT CIRCULATED. SDFN. **(BLM REP WANDA WEATHERFORD ON LOCATION). HEC ENGINEER EMAILED BLM AND NMOCD DOCUMENTING VERBAL APPROVAL BASED ON COAs TO SPLIT PLUG #3 INTO TWO SEPARATE PLUGS.**

6/21/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. RIG DOWN CC #6 & MOB TO CCWS YARD. BRING OUT CC #7. SPOT IN & RIG UP. LATCH ONTO 2.375" TBG. TO SEE IF TBG IS FREE OF CEMENT & NOT STUCK (GOOD). PU 1 JT & **TAG PLUG #2 @ 5,335'.** TOO H 10 STDS. SDFN. **HEC ENGINEER EMAIL NMOCD AND BLM NOTIFYING THEM OF TRANSMISSION FAILURE ON THE RIG ON 6/20/2024, IN ORDER TO AVOID CEMENTING PIPE IN HOLE, CEMENT WAS CIRCULATED OUT OF HOLE FROM ~5,332'. RIG WAS SWITCHED OUT AND FOUND THAT TUBING WAS NOT STUCK. VERBAL**

HUERFANO UNIT 174E

30.045.26263

PLUG AND ABANDONMENT

APPROVAL WAS GIVEN BY NMOCD AND BLM TO ADD A PLUG AS A RESULT OF HAVING TO CIRCULATE CEMENT OUT OF THE HOLE ABOVE 5,335'. THE DV TOOL WAS VERIFIED TO BE @ 5,021'.

6/24/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. TIH & **TAG PLUG #2 @ 5,335'**. LD 10 JTS TO 5,071. LW & PT TO 560 PSI & FAILED. LOST 190 PSI IN 2MINS. **PUMP CEMENT PLUG #3 (DV TOOL, MCS TOPS) 27 SXS 5.4 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. BOC @ 5,071'**. LD 11 JTS. STARTED TO TOO H W/SETTING TOOL. PULL 1 JT & OPERATOR LATCH DOWN BRAKE HANDLE 6' AWAY FROM RIG FLOOR TO CHECK MATTING BOARD TO RACK BACK TBG. BLOCKS CAME DOWN HITTING RIG FLOOR. NO INJURIES REPORTED. JUST SOME DAMAGE TO RIG FLOOR. STOPPED ALL OPERATIONS & REPORTED INCIDENT. HILCORP SAFETY, CCWS SAFETY & WELLSITE SUPERVISOR AGREED TO GO AHEAD & PROCEED WITH P&A OPERATIONS AFTER INSPECTING EQUIPMENT & INVESTIGATING INCIDENT. TIH 1 STD & PU 5 JTS. **TAG PLUG #3 @ 4,838'**. HEC ENGINEER RECEIVED VERBAL APPROVAL FROM NMOCD & BLM FOR AN ADDITIONAL PLUG TO COVER THE MCS TOP. **PUMP CEMENT PLUG #3B (MCS TOP) 16 SXS 3.1 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. BOC @ 4,838'**. LD 6 JTS. TOO H. LD SETTING TOOL. MU TAG SUB & TIH 64 STDS. WOC. TIH & **TAG PLUG #3B @ 4,680'**. LD 31 SDS TO 3,708'. LW. PT TO 560 PSI & FAILED. LOST 200 PSI IN 2MINS. TOO H. SDFN. **(BLM REP WANDA WEATHERFORD ON LOCATION)**

6/25/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. RU WIRELINE, RIH & PERF SQUEEZES HOLES @ 3,780'. POOH & RD WIRELINE. LW W/9 BBLS & PUMP 15 BBLS TOTAL. INJECT RATE @ 2.2 BBLS/MIN W/600 PSI. MU 4.5" CICR. TIH & SET CICR @ 3,745'. INJECT RATE UNDER CICR @ 1.8 BBL/MIN W/500 PSI. **PUMP CEMENT PLUG #4 (MV TOP) 56 SXS 11.4 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. BOC @ 3,780'. 43 SXS UNDER CICR & 13 SXS ON TOP OF CICR.** TOO H 57 STDS & LD SETTING TOOL. WOC. MU TAG SUB TIH & **TAG PLUG #4 @ 3,553'**. LD 18 JTS. TOO H. RU WIRELINE, RIH & PERF SQUEEZES HOLES @ 3,070'. POOH & RD WIRELINE. LW W/2 BBLS & PUMP 8 BBLS TOTAL. INJECT RATE @ 1.7 BBLS/MIN W/600 PSI. MU 4.5" CICR. TIH & SET CICR @ 3,020'. INJECT RATE UNDER CICR @ 1.3 BBLS/MIN W/615 PSI. **PUMP CEMENT PLUG #5 (CHC TOP) 56 SXS 11.4 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. BOC @ 3,070'. 44 SXS UNDER CICR & 12 SXS ON TOP OF CICR.** TOO H. LD SETTING TOOL. TIH 35 STDS & WOC. **TAG PLUG #5 @ 2,863'**. LD 15 JTS. LW 5 BBLS & PUMP 10 BBLS. PT TO 600 PSI & PASSED. **(BLM REP WANDA WEATHERFORD GOOD W/TEST) PUMP CEMENT PLUG #6 (DV, PC, FRD, KRD & OJO TOPS) 99 SXS 20.2 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. TOC @ 1,115', BOC @ 2,386'**. LD 68 JTS OF 2.375" TBG TO 268'. TOO H. SDFN.

6/26/2024 - CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. TIH 4 STDS TO 268'. LW 2 BBLS. **PUMP CEMENT PLUG #7 (SURFACE) 25 SXS 5.1 BBLS, 1.15 Y, 15.8# & 5 GAL/SX. TOC @ 0', BOC @ 268'**. RD RIG FLOOR. ND BOP & PREP TO CUT OFF WH. CUT OFF WH. (TOC IN 4.5" CAS. 4' & 8-5/8" SURFACE CAS. 0') WELD ON P&A MARKER. FILL CASING AND CELLAR WITH 21 SXS OF CEMENT. RD RR. **(BLM REP WANDA WEATHERFORD ON LOCATION).**

WELL WAS PLUGGED AND ABANDONED ON 6/26/2024.

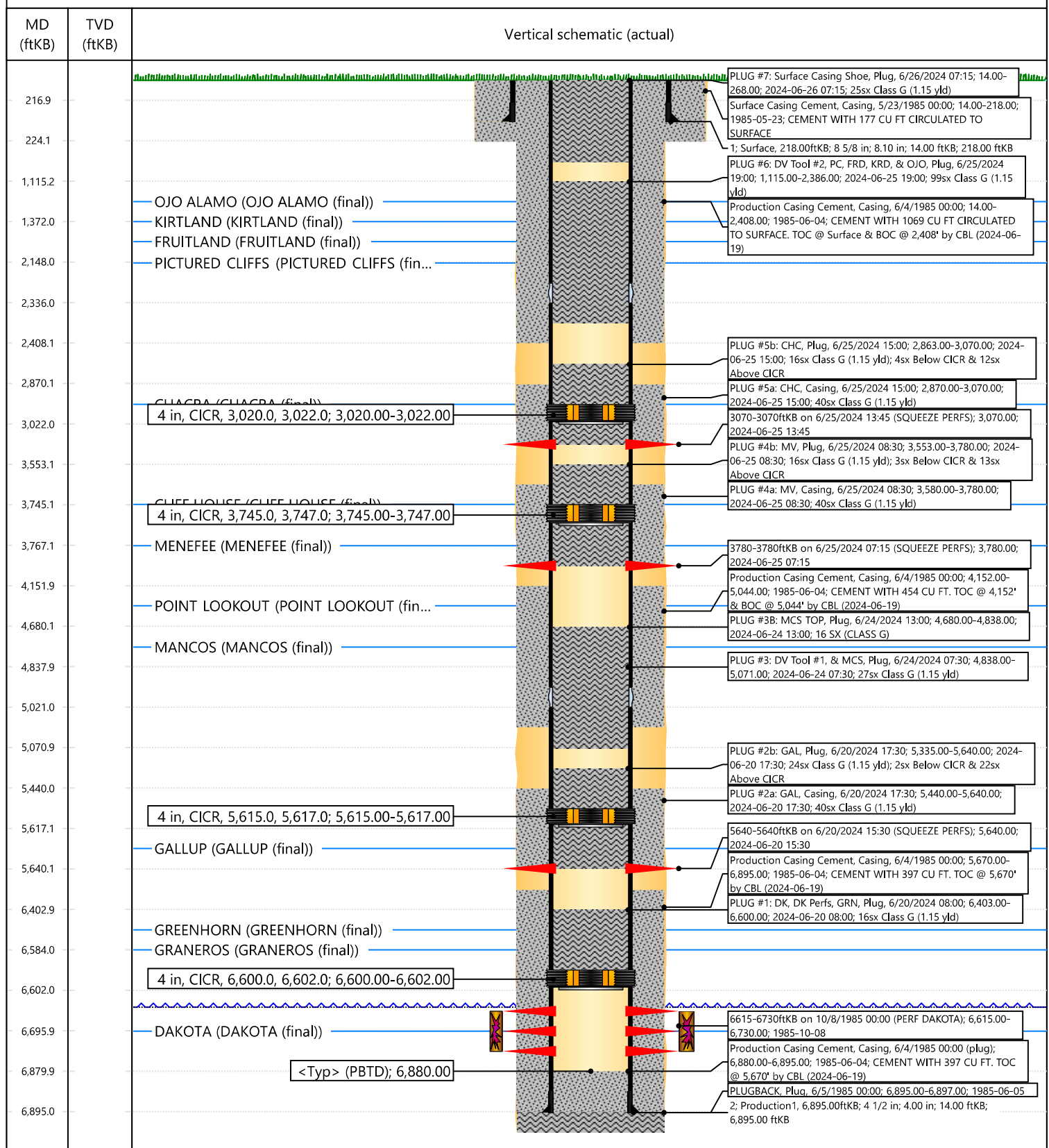


Current Schematic - Version 3

Well Name: HUERFANO UNIT #174E

API / UWI 3004526263	Surface Legal Location 013-026N-010W-L	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0608	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,598.00	Original KB/RT Elevation (ft) 6,612.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole [VERTICAL]



Priscilla Shorty

From: Rennick, Kenneth G <krennick@blm.gov>

Sent: Monday, June 24, 2024 1:26 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; John LaMond <jlamond@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>

Subject: Re: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

To confirm, the BLM finds the 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: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Sent: Monday, June 24, 2024 1:24 PM

To: John LaMond <jlamond@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

NMOCD approves 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

Office Phone: 505-334-6178 ext. 123
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: John LaMond <jlamond@hilcorp.com>
Sent: Monday, June 24, 2024 1:08 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>
Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Good afternoon Monica and Kenny,

Per our discussion, Hilcorp pumped Plug #3 this morning. After WOC, we tagged TOC @ 4,838' (8' below the MCS top @ 4,830').

Moving forward, Hilcorp received verbal approval from the NMOCD and BLM to add the additional plug:

- **PLUG #3b: 9sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 4,830':**
 - Pump a 9 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 4,730'** & est. **BOC @ +/- 4,838'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.

Thanks,

John LaMond

Operations Engineer – Technical Services
Hilcorp Energy Company
1111 Travis
Houston, TX 77002
346-237-2210 (Office)
832-754-9692 (Cell)
jlamond@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, June 24, 2024 7:58 AM
To: Rennick, Kenneth G <krennick@blm.gov>; John LaMond <jlamond@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>
Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

NMOCD approves

Thank you

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

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Monday, June 24, 2024 6:16 AM
To: John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>
Subject: Re: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

To confirm, the BLM agrees with the 5021 DV tool depth.

Get [Outlook for iOS](#)

From: John LaMond <jlamond@hilcorp.com>
Sent: Monday, June 24, 2024 6:04:52 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>
Subject: Re: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Good morning Monica and Kenny,

I received verbal approval from the BLM yesterday (6/23/2024) to proceed with my plug design assuming that DV Tool #1 is @ ~5,021'.

I also received verbal Friday (6/21/2024) from the NMOCD to proceed so long that the BLM is good with the DV Tool #1 depth of 5,021'.

Please let me know if there are any concerns with this.

Thanks,

John LaMond

Sent from my iPhone

From: John LaMond <jlamond@hilcorp.com>

Sent: Friday, June 21, 2024 3:05 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Hi Monica and Kenny,

Please see the 6/4/1985 report below, stating at the bottom that the DV Tool #1 set depth is @ 5,021'. This depth is also stated in the pipe record in the picture below as well.

Does Hilcorp have NMOCD approval to proceed?

Form 3160-5 November 1983 Formerly 9-331		UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT		SUBMIT IN TRIPLICATE* (Other instructions on reverse side)		Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985	
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)				5. LEASE DESIGNATION AND SERIAL NO. SF 077935			
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR El Paso Natural Gas Company				7. UNIT AGREEMENT NAME Huerfano Unit			
3. ADDRESS OF OPERATOR P. O. Box 4289, Farmington, NM 87499				8. FARM OR LEASE NAME Huerfano Unit			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1850'S 1190'W				9. WELL NO. 174E			
10. FIELD AND POOL, OR WILDCAT Basin Dakota				11. SEC., T., S., M., OR B.L. AND SURVEY OR AREA Sec. 13, T-26-N, R-10-W NMPM			
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6598' GL		12. COUNTY OR PARISH San Juan		13. STATE NM	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data							
NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> Running Casing <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)							
6-4-85 TD 6897'. Ran 166 jts, 4 1/2", 10.5 & 11.6#'s, K-55 Production Casing 6881' set at 6895'. Float collar set at 6880'. Stage tools set at 5021' and 2336'. Cmt'd 1st stage w/290 class B, 50/50 B POZ mix, 2% gel, 10% salt, 10% Cal-Seal, 1/4# fine Tuf-plug/sk (397 cu ft); 2nd stage cmt'd w/280 class B, 65/35 POZ mix, 6% gel, 2% CaCl ₂ (454 cu ft); 3rd stage cmt'd w/660 class B, 65/35 POZ mix, 6% gel, 2% CaCl ₂ (1069 cu ft). WOC. Circulated cmt to surface.							

4 1/2" PRODUCTION
EL PASO NATURAL GAS COMPANY
PIPE RECORD

FIELD Basin Dakota LEASE Huerfano Unit WELL NO. 174E 6-4 19 85

PIPE TALLY - Show every piece of equipment going into the hole in the order run.

COLUMN 1		COLUMN 2		COLUMN 3		COLUMN 4		COLUMN 5		COLUMN 6		COLUMN 7		COLUMN 8	
GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.
K-55	10.5	K-55	10.5	K-55	10.5			K-55	10.5	K-55	10.5				
JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET
* 42 13		42 00		42 02		1 75		* 42 04		42 02					
42 02		42 00		42 12				42 05		42 01					
* 42 08		42 03		42 03				* 42 05		42 03					
42 12		42 13		* 42 02				42 09		42 05					
* 42 05		42 07						* 42 04		42 05					
42 06		42 02						41 29		42 01					
* 42 04		42 03						* 40 09		42 01					
42 05		42 02						42 04		42 14					
* 42 07		41 37						* 42 03		42 04					
42 05		42 05						42 00		42 03					
42 05		42 02						42 11		42 02					
42 04		42 04						41 64		42 01					
42 03		42 03						41 18		42 04					
42 05		42 04						42 01		41 15					
42 04		42 05						42 05		42 03					
42 05		42 04						42 04		41 51					
42 03		42 05						42 02		42 04					
42 00		42 02						42 00		42 02					
42 05		42 03						42 03		42 05					
42 05		42 02						42 03		42 05					
42 05		42 03						42 04		42 05					
42 02		42 03						42 03		42 03					
42 01		42 06						42 05		42 02					
42 00		41 29						42 04		42 03					
42 05		42 03						42 02		42 05					
42 04		41 52						42 02		41 53					
42 03		42 02						42 01		42 04					
41 16		42 05						42 05		42 05					
42 03		41 00						42 01		42 05					
39 15		42 04						42 02		42 02					
TOTAL	1257.60	TOTAL	1258.13	TOTAL	168.19	TOTAL	1.75	TOTAL	1257.12	TOTAL	1259.18	TOTAL		TOTAL	
Jts. on rack before running	170	Jts. left on rack after running	4	No. Jts. run	166										
COLUMN NO.	ITEM	JTS.	O. D.	WEIGHT	GRADE	THREAD	MAKE	FEET							
1	casing	30	4 1/2	10.5	K-55	8Rd.	Hoesch	1257	60						
2	casing	30		10.5	K-55			1258	13						
3	casing	4		10.5	K-55			168	19						
4	stage cementer							1	75						
5	casing	30		10.5	K-55			1257	12						
6	casing	30		10.5	K-55			1259	18						
7															
8															
								Total from Pg. 1	1873	33					
REMARKS	Guide shoe on bottom set @ 6894.61, float collar on top of shoe jt @ 6879.73, top of marker jt @ 6536.15, stage cementers @ 5021.28 + 2335.61. Baker loked 1st above + below both stage cementers. Set 54000 #5 on slips										TOTAL	7075	30		
										JOINTS NOT RUN	168	16			
										CUT OFF	26	53			
										TOTAL	6880	61			
										TOP ROTARY DRIVE BUSHING TO TOP OF CASINGHEAD FLANGE	14	00			
										SET AT	6894	61			
										CO. REP.	Mark S. Manson				

* ASTERISK DESIGNATES CENTRALIZER ON JOINT

Please let me know if you have any questions.

Thanks,

John LaMond

Operations Engineer – Technical Services
Hilcorp Energy Company
1111 Travis
Houston, TX 77002
346-237-2210 (Office)
832-754-9692 (Cell)
jlamond@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Sent: Friday, June 21, 2024 4:03 PM

To: Rennick, Kenneth G <krennick@blm.gov>; John LaMond <jlamond@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

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

Thank you for verifying Kenny

They can start their plug 50 feet below 5044.

Thank you

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

From: Rennick, Kenneth G <krennick@blm.gov>

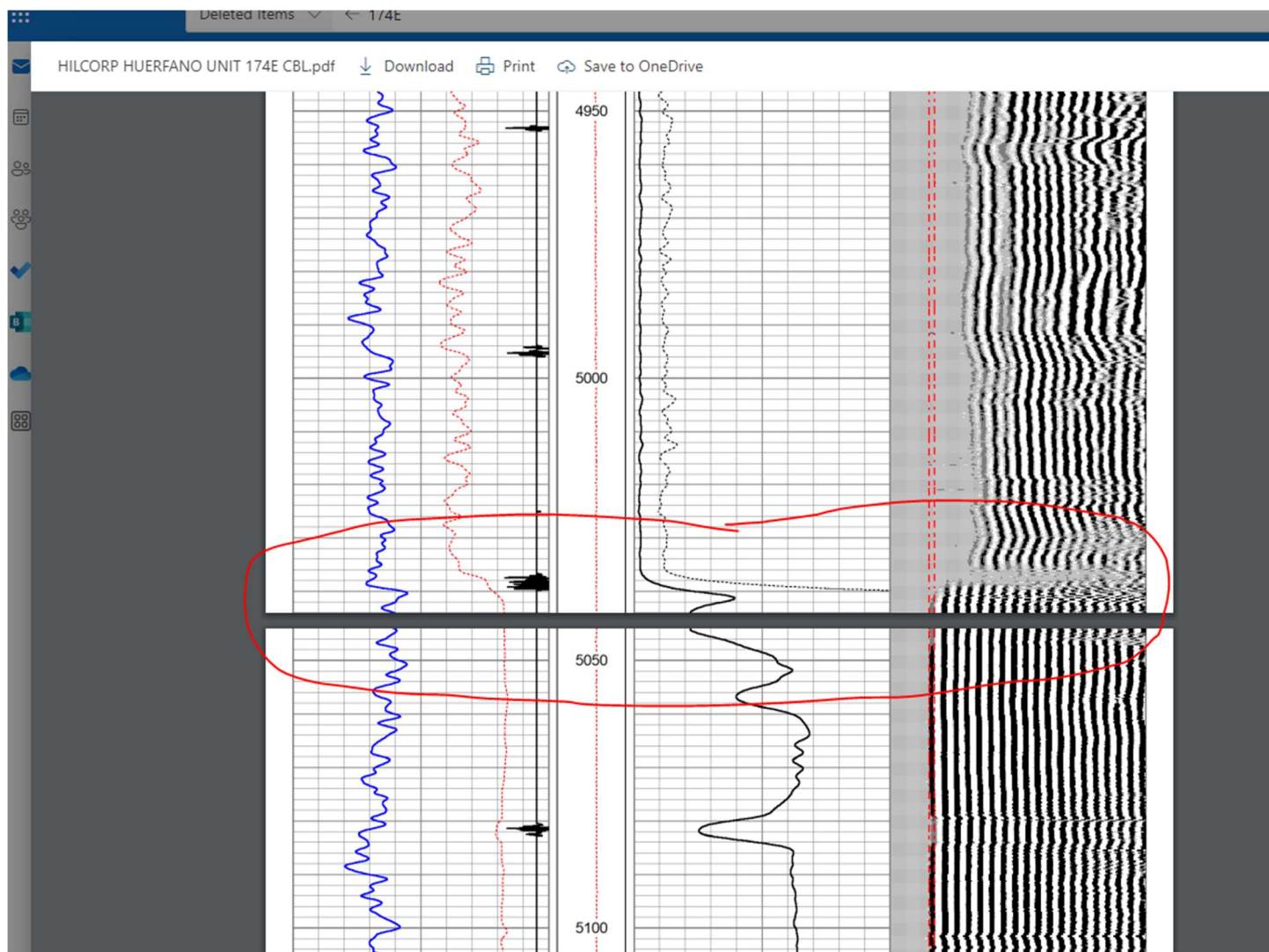
Sent: Friday, June 21, 2024 2:59 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; John LaMond <jlamond@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>

Subject: Re: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Note I based that off the CBL which look like tool was at about 5044, see below. The top of the tool may indeed be around 5021.



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@emnrd.nm.gov>

Sent: Friday, June 21, 2024 2:46 PM

To: John LaMond <jlamond@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

John

I just noticed that the BLM is calling DV tool at 5044 and you are calling it 5021 – please verify – I am having trouble getting into our well files

Monica

From: John LaMond <jlamond@hilcorp.com>

Sent: Friday, June 21, 2024 2:36 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Good afternoon Monica and Kenny,

As discussed earlier on the phone, yesterday as we were pumping PLUG #2 we successfully pumped all cement below the CICR @ 5,615' as designed. We then stung out of the CICR and pumped 69 sacks above the CICR per design. Upon TOO H w/ tubing, the transmission went down on the rig after pulling only 9 joints of tubing. This left the estimated end of tubing @ ~5,332'. At that point in order to avoid cementing pipe in the hole, we circulated the cement out of the hole from that depth.

Today we were able to switch out the rig. Upon doing that, we learned that our tubing was not stuck. We then tagged TOC @ 5,335'. This is sufficient cement to cover the GAL top @ 5,638'.

Moving forward, P&A operations will resume on Monday morning. The NMOCD and BLM provided verbal approval to add the following plug as a result of having to circulate the cement out of the hole above 5,335':

- **PLUG #3: 26sx of Class G Cement (15.8 PPG, 1.15 yield); DV Tool #1 Top @ 5,021' | MCS Top @ 4,830':**
 - POOH w/ work string to +/- 5,071'.
 - Pump a 26 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 4,730'** & est. **BOC @ +/- 5,071'**). *Note cement plug lengths and volumes account for excess.

The MV plug will now be called "PLUG #4" and the CHC plug will now be called "PLUG #5". Those plug designs will remain unchanged and will be executed as outlined in the previous email.

Please let me know if you have any questions or concerns.

Thanks,

John LaMond

Operations Engineer – Technical Services

Hilcorp Energy Company

1111 Travis

Houston, TX 77002

346-237-2210 (Office)

832-754-9692 (Cell)

jlamond@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Sent: Friday, June 21, 2024 8:25 AM

To: Rennick, Kenneth G <krennick@blm.gov>; John LaMond <jlamond@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

NMOCD approved verbally June 20, 2024

Thank you

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

From: Rennick, Kenneth G <krennick@blm.gov>

Sent: Thursday, June 20, 2024 6:41 PM

To: John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>

Subject: Re: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

The BLM finds the procedure appropriate

Get [Outlook for iOS](#)

From: John LaMond <jlamond@hilcorp.com>

Sent: Thursday, June 20, 2024 6:07:26 PM

To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C)

<Brice.Clyde@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Good evening Monica and Kenny,

Attached is the approved P&A NOI for the HUERFANO UNIT 174E (API # 3004526263).

Within the COAs, the NMOCD determined the MV top to be 3,745'. As a result, I have adjusted the Cliff House top back to 3,745', with the Menefee below it. The BLM also verbally approved this adjustment.

Based on the COAs, The NMOCD and BLM provided verbal approval to split Plug #3 into two separate plugs (one isolating the MV, and the other isolating the Chacra). These will now be called **PLUG #4** and **PLUG #5**, respectively.

Below are the updated plug designs for **PLUG #4** and **PLUG #5**:

- **PLUG #4: 52sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 3,745':**
 - TIH & perforate squeeze holes @ +/- 3,780'. RIH w/ 4-1/2" CICR and set CICR @ +/- 3,745'. TIH w/ work string & sting into CICR. Establish injection. ***NOTE squeeze perfs @ 3,780' due to cement stringer below that depth.**
 - Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 3,580'** & est. **BOC @ +/- 3,780'**). Pump an additional 3sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 3,745'** & est. **BOC @ +/- 3,780'**). Sting out of retainer, pump a 9 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 3,630'** & est. **BOC @ +/- 3,745'**). WOC for 4 hrs, tag TOC w/ work string. ***Note cement plug lengths and volumes account for excess.**

PLUG #5: 52sx of Class G Cement (15.8 PPG, 1.15 yield); CHC Top @ 3,020':

- TIH & perforate squeeze holes @ +/- 3,070'. RIH w/ 4-1/2" CICR and set CICR @ +/- 3,020'. TIH w/ work string & sting into CICR. Establish injection.
- Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 2,870'** & est. **BOC @ +/- 3,070'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 3,020'** & est. **BOC @ +/- 3,070'**). Sting out of retainer, pump a 8 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 2,920'** & est. **BOC @ +/- 3,020'**). WOC for 4 hrs, tag TOC w/ work string. ***Note cement plug lengths and volumes account for excess.**

Please let me know if you have any questions.

Thanks,

John LaMond

Operations Engineer – Technical Services

Hilcorp Energy Company

1111 Travis

Houston, TX 77002

346-237-2210 (Office)

832-754-9692 (Cell)

jlamond@hilcorp.com

From: Priscilla Shorty <pshorty@hilcorp.com>

Sent: Thursday, June 20, 2024 8:46 AM

To: Rennick, Kenneth G <krennick@blm.gov>; John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Monica ~

I've submitted the P&A NOI for the subject well on OCD Permitting, **ACTION ID 356219**.

Thanks,

Priscilla Shorty

Operations Regulatory Technician

Hilcorp Energy Company

505-324-5188

pshorty@hilcorp.com

From: Priscilla Shorty <pshorty@hilcorp.com>

Sent: Thursday, June 20, 2024 5:35 AM

To: Rennick, Kenneth G <krennick@blm.gov>; John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>

Subject: RE: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Thank you Kenny.

Monica ~ We are unable to get onto NMOCD Permitting site, it might be down. Attached is the approved BLM P&A NOI for your review. As soon as site is back up, I will submit the NOI and send you the Action ID.

Thanks,

Priscilla Shorty

Operations Regulatory Technician

Hilcorp Energy Company

505-324-5188

pshorty@hilcorp.com

From: Rennick, Kenneth G <krennick@blm.gov>

Sent: Wednesday, June 19, 2024 4:56 PM

To: Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>

Subject: Re: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

BLM has approved sundry ID 2796204.

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: Priscilla Shorty <pshorty@hilcorp.com>

Sent: Wednesday, June 19, 2024 3:08 PM

To: John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>

Subject: [EXTERNAL] RE: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Kenny ~ The P&A NOI has been submitted in AFMSS, **SUNDRY ID 2796204.**

Monica ~ As soon as BLM approves the NOI, I will submit it in OCD Permitting and send you the Action ID.

Thank you,

Priscilla Shorty

Operations Regulatory Technician

Hilcorp Energy Company

505-324-5188

pshorty@hilcorp.com

From: John LaMond <jlamond@hilcorp.com>

Sent: Wednesday, June 19, 2024 3:02 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>

Subject: CBL Submission & P&A Request for Hilcorp's HUERFANO UNIT 174E (API # 3004526263)

Good afternoon Monica and Kenny,

Hilcorp moved onto the **HUERFANO UNIT 174E (API # 3004526263)** yesterday to begin TA operations. I have attached the approved NOI for reference.

Attached is the CBL that was run today (6/19/2024). Additionally, a pressure test was performed to 560 psi which failed.

Based on the results of the CBL and the failed pressure test, Hilcorp plans to move forward with plugging and abandonment of the HUERFANO UNIT 174E.

I have attached an updated P&A procedure as well as an updated proposed P&A wellbore schematic. Additionally, upon reviewing the formation tops in the approved TA NOI, the BLM provided updated formation tops for the Menefee (3,160'), Cliff House (3,069'), and Chacra (3,020'). These updated tops are reflected in the P&A procedure and P&A wellbore schematic. All other tops remained the same.

Do we have approval from the NMOCD & BLM to move forward with the P&A procedure attached and below?



HILCORP ENERGY COMPANY
HUERFANO UNIT 174E
P&A NOI

API #: 3004526263

JOB PROCEDURES

1. Rig currently on well. NMOCD and BLM (where applicable) already notified 24 hours prior to MIRU.
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
3. RIH & tag 4-1/2" CICR at +/- 6,600'.
4. *Note the following plugs are based on the CBL run 06-19-2024.
5. **PLUG #1: 15sx of Class G Cement (15.8 PPG, 1.15 yield); DK Top @ 6,696' | DK Perfs @ 6,615' | GRN Top @ 6,584':**
 Attempt to sting into 4-1/2" CICR @ 6,600' & pump 3sx of cement beneath the 4-1/2" CICR (est. TOC @ +/- 6,600' & est. BOC @ +/- 6,634'). Sting out of CICR, pump 12 sack balanced cement plug on top of the CICR. (est. TOC @ +/- 6,450' & est. BOC @ +/- 6,600'). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess. *NOTE if unsuccessful at establishing injection below CICR, forego pumping beneath CICR and proceed with pumping only on top of CICR @ 6,600'.
6. TOOH w/ work string. TIH & perforate squeeze holes @ +/- 5,640'. RIH w/ 4-1/2" CICR and set CICR @ +/- 5,615'. TIH w/ work string & sting into CICR. Establish injection. ***NOTE - Squeeze perfs are not deeper due to cement below 5,640'.**
7. **PLUG #2: 110sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 5,638' | DV Tool #1 Top @ 5,021' | MCS Top @ 4,830':**
 Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 5,440' & est. BOC @ +/- 5,640'). Pump an additional 2sx of cement beneath the 4-1/2" CICR (est. TOC @ +/- 5,615' & est. BOC @ +/- 5,640'). Sting out of retainer, pump a 68 sack balanced cement plug on top of the CICR. (est. TOC @ +/- 4,730' & est. BOC @ +/- 5,615'). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
8. TIH & perforate squeeze holes @ +/- 3,085'. RIH w/ 4-1/2" CICR and set CICR @ +/- 3,060'. TIH w/ work string & sting into CICR. Establish injection. ***NOTE - Squeeze perfs are not deeper due to cement below 3,085'.**
9. **PLUG #3: 56sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 3,069' | CHC Top @ 3,020':**
 Pump 43sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 2,870' & est. BOC @ +/- 3,085'). Pump an additional 2sx of cement beneath the 4-1/2" CICR (est. TOC @ +/- 3,060' & est. BOC @ +/- 3,085'). Sting out of retainer, pump an 11 sack balanced cement plug on top of the CICR. (est. TOC @ +/- 2,920' & est. BOC @ +/- 3,060'). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
10. POOH w/ work string to +/- 2,386'.
11. **PLUG #4: 97sx of Class G Cement (15.8 PPG, 1.15 yield); DV Tool #2 Top @ 2,336' | PC Top @ 2,148' | FRD Top @ 1,885' | KRD Top @ 1,372' | OJO Top @ 1,215':**
 Pump a 97 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 1,115' & est. BOC @ +/- 2,386'). *Note cement plug lengths & volumes account for excess.
12. POOH w/ work string to +/- 268'.
13. **PLUG #5: 21sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 218':**
 Pump a 21 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 0' & est. BOC @ +/- 268').
14. ND BOP, cut off casing below casing flange. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

Please let me know if you have any questions or concerns with this plan.

Thanks,

John LaMond

Operations Engineer – Technical Services

Hilcorp Energy Company

1111 Travis

Houston, TX 77002

346-237-2210 (Office)

832-754-9692 (Cell)

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 360162

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 360162
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 6/26/24	7/5/2024