U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

04/15/2025

Well Name: CANYON

Well Location: T25N / R11W / SEC 14 / NWNW / 36.405547 / -107.978422

County or Parish/State: SAN JUAN / NM

Well Number: 8E

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name: EASTERN NAVAJO

Lease Number: N00C14203617

Unit or CA Name: 8E CANYON - N/2 MANCOS

Unit or CA Number: NMNM122079, NMNM75917

US Well Number: 3004529697

Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2847219

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/15/2025

Time Sundry Submitted: 07:27

Date Operation Actually Began: 04/04/2025

Actual Procedure: Hilcorp Energy has plugged and abandoned the subject well on 4/11/2025 per the attached detail report.

SR Attachments

Actual Procedure

CANYON_8E_SR_P_A_OCD_Submitted_20250415072700.pdf

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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: APR 15, 2025 07:27 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTEC **State:** 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: 04/15/2025

Signature: Matthew Kade

4/4/2025 - MOL. RIG P&A EQUIP TO LOC. (15 MILES) LOTO, SPOT EQUIP. RU RIG & CMT EQUIP. CK PSI; TBG-0#, CSG-50#, BH-0#, BDW 5 MINS. FT BOP, ND WH, NU BOP, RU RF & TBG EQUIP. PULL HANGER. BEGIN LD 2 3/8'' TBG. LD 44 JTS. (FLUID IN TBG) WAIT ON SLICK LINE. RU EXPERT DOWN HOLE. SET 3 SLIP @ 5880'. PERF HOLE IN TBG @ 5880'. RD SL. LD 120 TOTAL JTS. SIW SDFWE.

4/7/2025 - CK PSI; TBG-0#, CSG-25#, BH-0#, BDW 5 MNS. CNT LD ALL TBG. LD 186 TOTAL 2 3/8'' J55 PIPE. RABBIT, TALLY & PUP. RIH WITH 4.5'' SM TO 5950'. TOOH. LD SM. TIH WITH 4.5'' CR. S&R CR @ 5901'. PUMP 15 BBLS TO EST CIRC. PUMP 30 BBLS TOTAL. NO PSI TEST. (PERFS ABOVE CR). **PLUG #1 FROM 5901'- 5572' (321') M&P 25 SKS CLASS G CMT. 15.8PPG, 1.15YIELD, 5.1BLSRY, 3.0MIX, 21DIS.** LD TOC. (ATTEMPT TO REVERSE TOC. NO REVERSE). TOOH, LD STINGER. SIW, SDFN. **DARIN HALLIBURTON, BLM REP, ON LOCATION.**

4/8/2025 - CK PSI; TBG-0#, CSG-0#, BH-0#, NO PRESSURE ON WELL. P/U TAG SUB. TIH W/ ALL TBG. **TAG TOC AT 5572'**. TOOH W/ ALL TBG. L/D TAG SUB. P/U HEC 4-1/2" CICR. TIH. SET CICR AT 4876'. ESTABLISH INJECTION RATE AND PRESSURE (0.7 BPM AT 700 PSI). LOAD CSG W/ 14 BBL WATER. PT CSG**. MIX AND PUMP PLUG #2: 20 SX, 23 CU FT, 1.15 YIELD, 15.8 PPG, 4.10 BBL SLURRY, 2.4 BBL MIX, NEAT, CLASS G CEMENT. TO ISOLATE GALLUP FORMATION. SQUEEZE 10 SX (2.05 BBL) INTO GALLUP PERFS AT .7 BPM AND 700 PSI BELOW CICR AT 4876'. STING OUT. BALANCE REMAINING 10 SXS ON TOP OF CICR. TOTAL DISPLACEMENT 18.3 BBL,** L/D TBG TO 4726'. REVERSE CIRC. TOOH W/ ALL TBG. R/U DRAKE WRL. RIH W/ CBL TO 3950'. ATTEMPT TO TOP OFF WELL. POOH LOGGING FROM 3950' TO 450'. R/D WLN. P/U TAG SUB. TIH W/ TBG. **TAG TOC AT 4745'**. L/D TBG TO 4119'. LOAD HOLE W/ 10 BBL. **MIX AND PUMP PLUG #3: 24 SX, 27.60 CU FT, 1.15 YIELD, 15.8 PPG, 4.9 BBL SLURRY, 2.85 BBL MIX, CLASS G CEMENT. BALANCED PLUG W/ 14.6 BBL TO ISOLATE MANCOS FORMATION**. L/D TBG TO 3800'. REVERSE CIRC. TOOH W/ TBG. EOT AT 2293'. SISW. SDFN. **DARIN HALLIBURTON, BLM REP, ON LOCATION.**

4/9/2025 - CK PSI: TBG-0#, CSG-0#, BH-0#, BDW 0 MIN. TIH **TAG TOC @ 3800'.** EST CIRC W/ 10 BBLS FW. ATTEMPT PSI CSG TEST. NO TEST. LD TBG TO PLUG #4. LD TBG TO PLUG #4. **PLUG #4 FROM 2919' - 2405' (514')(2 3/8''X 4.5'') M&P 40 SKS CLASS G, 15.8PPG,1.15YIELD, 8.1BLSRY, 4.7MIX, 9.1DIS. 2%CAL**, LD TOC REVERSE TOC. TOOH, SIW. WOC. **TIH TAG TOC @ 2755'**. (BLM REP APPROVED TOC). EST CIRC 10 BBLS FW. ATTEMPT CSG PSI TEST. NO TEST. LD TBG TO PLUG #5. **PLUG #5 FROM 2261' - 1953' (308')(2 3/8''X4.5'') M&P 24 SKS CLASS G, 15.8PPG, 1.15YIELD, 4.9BLSRY, 2.8MIX, 7.4DIS**, LD TOC, REVERSE OUT. TOOH. SIW, SDFN. **DARIN HALLIBURTON, BLM REP, ON LOCATION.**

4/10/2025 - CK PSI: TBG-0#, CSG-0#, BH-0#, BDW 0 MIN. TIH. NO TOC WAS TAGGED. EOT @ 2386'. REVERSE CIRC W/20BBLS FW. ATTEMPT PSI TEST. NO TEST. LD TBG TO PLUG #5. **PLUG #5B FROM 2261' - 1953' (308')(2 3/8''X4.5'') M&P 24 SKS CLASS G, 15.8PPG, 1.15YIELD, 4.9BLSRY, 2.8MIX, 7.4DIS, 2%CAL.** LD TOC, REVERSE OUT. TOOH. SIW, WOC, TIH **TAG TOC @ 2020'.** (BLM REP APPROVED TAG) EST CIRC W/5 BBLS. PSI TEST CSG TO 560# PSI. NO TEST. LD TBG TO PLUG #6 TOOH. JSA. NU & RU DRAKE WL. RIH W/TG. PERF 4 HOLES @ 1360'. EST A RATE OF 2.0BPM@ 200# PSI. RD WL. TIH WITH 4.5'' CR. S&R CR @ 1310'. **PLUG #6 FROM 1360' - 760'. M&P 163SKS (550')(2 3/8''X4.5''X 7 7/8'' OH) 39 ABOVE / 5 BELOW/ 119OUTSIDE. CLASS G, 15.8PPG, 1.15YIELD, 33.3BLSRY, 19MIX, 3.8DISLD** TOC. REVERSE OUT. TOOH LD STINGER. SDFN.**DARIN HALLIBURTON, BLM REP, ON LOCATION.**

CANYON 8E 30.045.29697 PLUG AND ABANDONMENT

4/11/2025 - CK PSI: TBG-0#, CSG-0#, BH-0#, BDW 0 MIN. TIH **TAG TOC @ 840'**. (TAG APPROVED BY BLM REP) LD TBG TO SURF PLUG. JSA. RU & NU DRAKE WL. RIH W/TG & PERF @ 618'. ATTEMPT A RATE. NO RATE EST. ORDERS TO SPOT BP TO SURF & WOC. RD WL. TIH OED TO 668'. **PLUG #7 FROM 668' -0' M&P 70 SKS (2 3/8'' X 4.5'') 15.8PPG, 1.15YIELD, 14.3BLSRY, 8.3MIX.** CIRC CMT TO SURF. LD ALL TBG. SIW. WOC. WOC. RD RF & TBG EQUIP. ND BOP, NU WH. DIG OUT WH. CUT & REMOVE WH. TOC @ 23'. WELD & INSTALL DHM @ 36*, 24', 21'' N / 107*, 58', 45'' W. RU POLY PIPE, TOP OFF DHM W/13 SKS CLASS G CMT, 15.8PPG, 1.15 YIELD. RD RIG & CMT EQUIP. MOL. **DARIN HALLIBURTON, BLM REP, ON LOCATION.**

WELL WAS PLUGGED AND ABANDONED ON 4/11/2025.

Hilcorp Energy Company

Current Schematic - Version 3

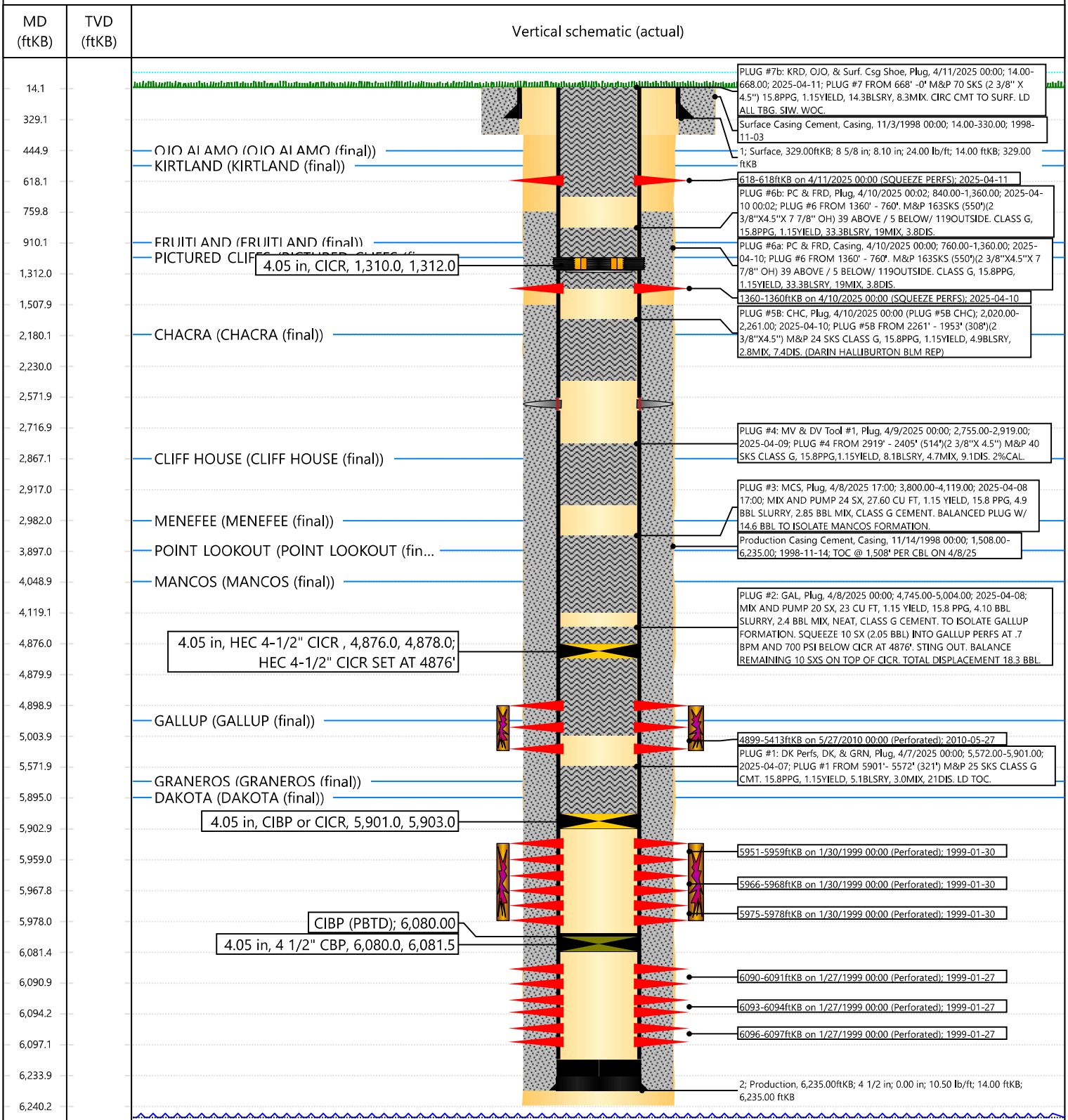
Well Name: CANYON #8E

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004529697	T25N-R11W-S14	Basin Dakota	0609	New Mexico	Vertical
Ground Elevation (ft)	**Original KB/RT Elevation (ft)**	**Tubing Hanger Elevation (ft)**	**RKB to GL (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Hanger Distance (ft)**
6,456.00	6,470.00		14.00		

Tubing Strings

Run Date	Set Depth (ftKB)	String Max Nominal OD (in)	String Min Nominal ID (in)	Weight/Length (lb/ft)	Original Spud Date
8/28/2024 12:30	5,954.59	2 3/8	2.00	4.70	11/3/1998 00:00

Original Hole [Vertical]



Priscilla Shorty

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, November 7, 2024 9:31 AM
To: Rennick, Kenneth G; John LaMond; Kade, Matthew H
Cc: Farmington Regulatory Techs; Clay Padgett; Lee Murphy; Rustin Mikeska
Subject: RE: [EXTERNAL] P&A Revision Request for Hilcorp's CANYON 8E (API # 3004529697)

NMOCD approves below

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, November 7, 2024 9:29 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>
Subject: Re: [EXTERNAL] P&A Revision Request for Hilcorp's CANYON 8E (API # 3004529697)

The BLM finds the updated 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: John LaMond <jlamond@hilcorp.com>
Sent: Wednesday, November 6, 2024 2:20 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>; John LaMond <jlamond@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>
Subject: [EXTERNAL] P&A Revision Request for Hilcorp's CANYON 8E (API # 3004529697)

Good afternoon Monica and Kenny,

Hilcorp is planning to work on the CANYON 8E (API # 3004529697) P&A in the near future.

I have attached the approved P&A NOI, as well as an updated procedure based on the COAs in the approved NOI.

Based on the COAs, Hilcorp requests the following adjustments to the approved procedure:

- **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 5,951' | DK Top @ 5,895' | GRN Top @ 5,867':**
  - Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 5,751'** & est. **BOC @ +/- 5,901'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
- PLUG #2: NO CHANGES FROM ORIGNAL HILCORP PROPOSAL FROM APPROVED NOI
- PLUG #3: NO CHANGES FROM ORIGNAL HILCORP PROPOSAL FROM APPROVED NOI
- RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
- **PLUG #4: 75sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 2,867' | DV Tool #1 @ 2,572':**
  - TIH & perforate squeeze holes @ **+/- 2,917'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 2,867'**. 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 @ +/- 2,717'** & est. **BOC @ +/- 2,917'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 2,867'** & est. **BOC @ +/- 2,917'**). Sting out of retainer, pump a 31 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 2,472'** & est. **BOC @ +/- 2,867'**). 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 @ 2,180':**
  - TIH & perforate squeeze holes @ **+/- 2,230'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 2,180'**. 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 @ +/- 2,030'** & est. **BOC @ +/- 2,230'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 2,180'** & est. **BOC @ +/- 2,230'**). Sting out of retainer, pump an 8 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 2,080'** & est. **BOC @ +/- 2,180'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
- **PLUG #6: 162sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 1,310' | FRD Top @ 910':**

  - Pump 119sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 760'** & est. **BOC @ +/- 1,360'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 1,310'** & est. **BOC @ +/- 1,360'**). Sting out of retainer, pump a 39 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 810'** & est. **BOC @ +/- 1,310'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
- PLUG #7: NO CHANGES FROM ORIGNAL HILCORP PROPOSAL FROM APPROVED NOI (REMOVED NACIMIENTO TOP PER BLM STATES AT SURFACE)
- All other plugs have been adjusted according to the NMOCD & BLM formation tops.
- Please see the revised procedure attached and below. The updated Proposed P&A wellbore schematic is also attached.

HILCORP ENERGY COMPANY
CANYON 8E
P&A NOI

API #:	3004529697

JOB PROCEDURES

1. Contact NMOCD and BLM (where applicable) 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. MIRU service rig and associated equipment; NU and test BOP.
4. Set a **4-1/2"** CIBP or CICR at **+/- 5,901'** to isolate the **DK Perfs**.
5. ***Note that the following plug designs are based on the CBL run 01-26-1999.**
6. PU & TIH w/ work string to **+/- 5,901'**.
7. **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 5,951' | DK Top @ 5,895' | GRN Top @ 5,867':**
   Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 5,751'** & est. **BOC @ +/- 5,901'**). Wait on Cement for 4 hours string. *Note cement plug lengths & volumes account for excess.
8. Set a **4-1/2" CICR** at **+/- 4,880'** to isolate the **GAL Perfs**.
9. **PLUG #2: 14sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Perfs @ 4,899' | GAL Top @ 4,907':**
   Pump 6sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 4,880'** & est. **BOC @ +/- 4,957'**). Pump an 8 sack balanced cement plug on to **TOC @ +/- 4,780'** & est. **BOC @ +/- 4,880'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes acco **that the cement volume to be pumped below the CICR is the equivalent volume to place cement 50' below the Gallup top.**
10. Load the well as needed. Pressure test the casing above the plug to **560 psig**.
11. **PLUG #3: 12sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 4,049':**
    Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 3,949'** & est. **BOC @ +/- 4,099'**). *Note cement plug lengths & excess.
12. Load the well as needed. Pressure test the casing above the plug to **560 psig**.
13. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
14. TIH & perforate squeeze holes @ **+/- 2,917'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 2,867'**. TIH w/ work string & sting into CICR. Establish i
15. **PLUG #4: 75sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 2,867' | DV Tool #1 @ 2,572':**
    Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 2,717'** & est. **BOC @ +/- 2,917'**). Pump an additional 4 the 4-1/2" CICR (est. **TOC @ +/- 2,867'** & est. **BOC @ +/- 2,917'**). Sting out of retainer, pump a 31 sack balanced cement plug on top of the C **2,472'** & est. **BOC @ +/- 2,867'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
16. TIH & perforate squeeze holes @ **+/- 2,230'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 2,180'**. TIH w/ work string & sting into CICR. Establish i
17. **PLUG #5: 52sx of Class G Cement (15.8 PPG, 1.15 yield); CHC Top @ 2,180':**
    Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 2,030'** & est. **BOC @ +/- 2,230'**). Pump an additional 4 the 4-1/2" CICR (est. **TOC @ +/- 2,180'** & est. **BOC @ +/- 2,230'**). Sting out of retainer, pump an 8 sack balanced cement plug on top of the C **2,080'** & est. **BOC @ +/- 2,180'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
18. TIH & perforate squeeze holes @ **+/- 1,360'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 1,310'**. TIH w/ work string & sting into CICR. Establish i
19. **PLUG #6: 162sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 1,310' | FRD Top @ 910':**
    Pump 119sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 760'** & est. **BOC @ +/- 1,360'**). Pump an additional 4 the 4-1/2" CICR (est. **TOC @ +/- 1,310'** & est. **BOC @ +/- 1,360'**). Sting out of retainer, pump a 39 sack balanced cement plug on top of the C **810'** & est. **BOC @ +/- 1,310'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.

Does the NMOCD & BLM approve of the revised procedure?

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

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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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 452077
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	tribal - approved for record only - well plugged 4/11/2025	5/1/2025