

Received by OCD: 9/14/2023 9:50:09 AM

Page 2 of 16

Well Name: CANYON LARGO UNIT	Well Location: T25N / R6W / SEC 1 / NENE / 36.433029 / -107.412003	County or Parish/State: RIO ARRIBA / NM
Well Number: 237	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078885	Unit or CA Name: CANYON LARGO UNIT MV"B"PA, CANYON LARGO UNIT-CH	Unit or CA Number: NMNM78383B, NMNM78383F
US Well Number: 3003920792	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: AMANDA WALKER	Signed on: SEP 14, 2023 08:19 AM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST	
City: HOUSTON	State: TX
Phone: (346) 237-2177	
Email address: MWALKER@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: 09/14/2023
Signature: Matthew Kade	

30-039-20792
NMSF078885
SR P&A

8/15/2023: MIRU. CK PRESSURES (TBG LS 130 PSI, TBG SS 165 PSI, CSG 0 PSI). ND WH NU BOP, FT, GOOD. SDFN

8/16/2023: CK PRESSURES (TBG OPSI CSG 0). ATTEMPT TO PULL TBG W/PKR, NO SUCCESS. ATTEMPT TO RELEASE PKR. TOO H W/63 JTS. TIH & LATCH ON TO FISH. TOO H W/63 JTS. TIH & ATTEMPT TO SCREW ON TO TBG. FAIL. SDFN

8/18/2023: CK PRESSURES (TBG 0 PSI CSG 0 PSI). MU OVERSHOT & TIH, LATCH ONTO FISH. PULL, SLIP OFF FISH. ATTEMPT TO LATCH, NO SUCCESS. TIH & LATCH ONTO TBG. RUN JET CUT, CUT TBG @ 4940', ATTEMPT TO PULL TBG, TBG STUCK, RUN WL RUN CHEMICAL CUT, CUT TBG @ 4908', WL STUCK PULL OUT OF ROPE SOCKET IN WL, RD WL. TOO H W/OVERSHOT, LD JT OVERSHOT. SDFN

8/21/2023: RU WL & RIH W/GRAPPLE, ATTEMPT TO LATCH ON, NO LATCH. TOF @ 4908'. SDFN.

APPROVAL GIVEN TO CONT IF UNABLE TO RETRIEVE FISH (SEE ATTACHED).

8/22/2023: CK PRESSURES (0 CSG). RIH & SET CIRC @ 4900'. TIH W/TBG STING IN, PMP CMT, 10 SXS. RIH, RUN CBL. PT CSG T/600#, GOOD TST. CMT PLUG #1 (MESAVERDE) 11 SX 1.37, 14.8#, 6.64 GAL/SX TOC @ 4,413', BOC @ 4,900' DISPLACE 7 BBL, LD 20 JTS TOO H 5 STDS, REVERSE OUT, WOC. SDFN. *

8/23/2023: CK PRESSURES (SITP 0#, SICP 0#, BH 0#). TIH & TAG CIRC @ 4900'. RU WL, RIH W/2.17" GR, HAD TO WORK F/4,500' T/4,862', COULD NOT GET PAST 4,862' W/ GR, POOH, RIH SET CIBP @ 4,862' **(APPROVAL TO SET CIBP @ 4,862', NMOCD MONICA KUEHLING & BLM JOE MAESTAS)**. CMT PLUG #1 REPUMP (MESA VERDE) 12 SX 1.37, 14.8#, 6.64 GAL/SX TOC @ 4,362', BOC @ 4,862' DISPLACE 7.8 BBL, LD 15 JTS REVERSE OUT 11 BBL, TOO H 12 STDS, WOC. SDFN.

8/24/2023: CK PRESSURES (SITP 0#, SICP 0#, BH 0#). TIH & TAG REPUMP PLUG 1 @ 4,552'. LW 1.5 BBL, PT CSG, NO TST. CMT PLUG #1 REPUMP #2 (MESA VERDE) 5 SX 1.2 BBL, 1.37, 14.8#, 6.64 GAL/SX TOC @ 4,352', BOC @ 4,552' DISPLACE 7.8 BBL, LD 7 JTS, ATTEMPT TO REVERSE, TBG PLUGGED ATTEMPT TO PUMP DOWN TBG, SAME. W.O.C., TOO H 57 STDS, LD 17 JTS PLUGGED TBG, 544', TIH 57 STDS, LW 8.5 BBL, CIRC 19 BBL, PT CSG 550# (BAD TEST), PU 1.66" TBG, TAG PLUG #1 (REPUMP #2) @ 4,350', LD 19 JTS. CMT PLUG #2 (CHACRA) 10 SX, 1.37, 14.8#, 6.64 GAL/SX TOC @ 3,372', BOC @ 3,787' DISPLACE 6.4 BBL, LD 12 JTS, REVERSE 12 BBL. TOO H W/52 STANDS. SDFN.

8/25/2023: CK PRESSURES (SITP 0#, SICP 0#, BH 0#). TIH & TAG PLUG 2 @ 3381'. PT CSG, NO TST. CMT PLUG #3 (PC/FC/KRT/OJO) 19 SX, 1.37, 14.8#, 6.64 GAL/SX TOC @ 2,112', BOC @ 2,905' DISPLACE 4 BBL, TOO H 13 JTS, REVERSE 6 BBL. W.O.C., TOO H 12 STDS, TIH TAG PLUG #3 @ 2117', TOO H 18 STDS, LW 1 BBL, CIRC 2 BBL. CMT PLUG #4 (NACIMIENTO/SURFACE) 25 SX, 1.37, 14.8#, 6.64 GAL/SX TOC @ 0', BOC @ 880' LD 27 JTS. ND BOP. NU WH, FT, GOOD TST. SDFN

8/28/2023: CK PRESSURES (SITP 0#, SICP 275#, BH 0#). RIH & SET CIBP @ 3,686'. CIBP MOVED DOWN TO 3,726', POOH, RIH SET CIBP #2 @ 3,676', POOH, RUN CBL F/3,676' T/SURF. **APPROVAL TO SET #2 CIBP @ 3,676', NMOCD MONICA KUEHLING & BLM JOE MAESTAS**. TIH T/3676'. CMT PLUG #1B (CHACRA) 10 SX, 1.37, 14.8#, 6.64 GAL/SX TOC @ 3,261', BOC @ 3,676' DISPLACE 6.1 BBL, LD 13 JTS, REVERSE 8 BBL, TOO H 12 STDS. SDFN.

30-039-20792

NMSF078885

SR P&A

8/29/2023" CK PRESSURES (SITP 0#, SICP 0#, BH 0#). TIH W/1.66" TBG, TAG PLUG #1B @ 3,269', LD 12 JTS, LW .5 BBL, CIRC 5.5 BBL, PT CSG 650#, (GOOD). CMT PLUG #2B (PC/FC/KRT/OJO) 19 SX,1.37, 14.8#, 6.64 GAL/SX TOC @ 2,112', BOC @ 2,905' DISPLACE 4 BBL, LD 62 JTS, LW 1 BBL, CIRC 2.5 BBL. CMT PLUG #3B (NACIMIENTO/SURFACE) 35 SX,1.37, 14.8#, 6.64 GAL/SX TOC @ 0', BOC @ 880' LD 27 JTS. ND BOP, CUT OFF WH. (TOC IN 2 7/8" LS 45'/ SS 21'/TOC 9 5/8" 0') WELD ON P&A MARKER, FILL CSG & CELLAR WITH 13 SX CMT. RDRR.

JOSEPH MAESTAS/BLM ONSITE TO WITNESS PLUGGING OPERATIONS

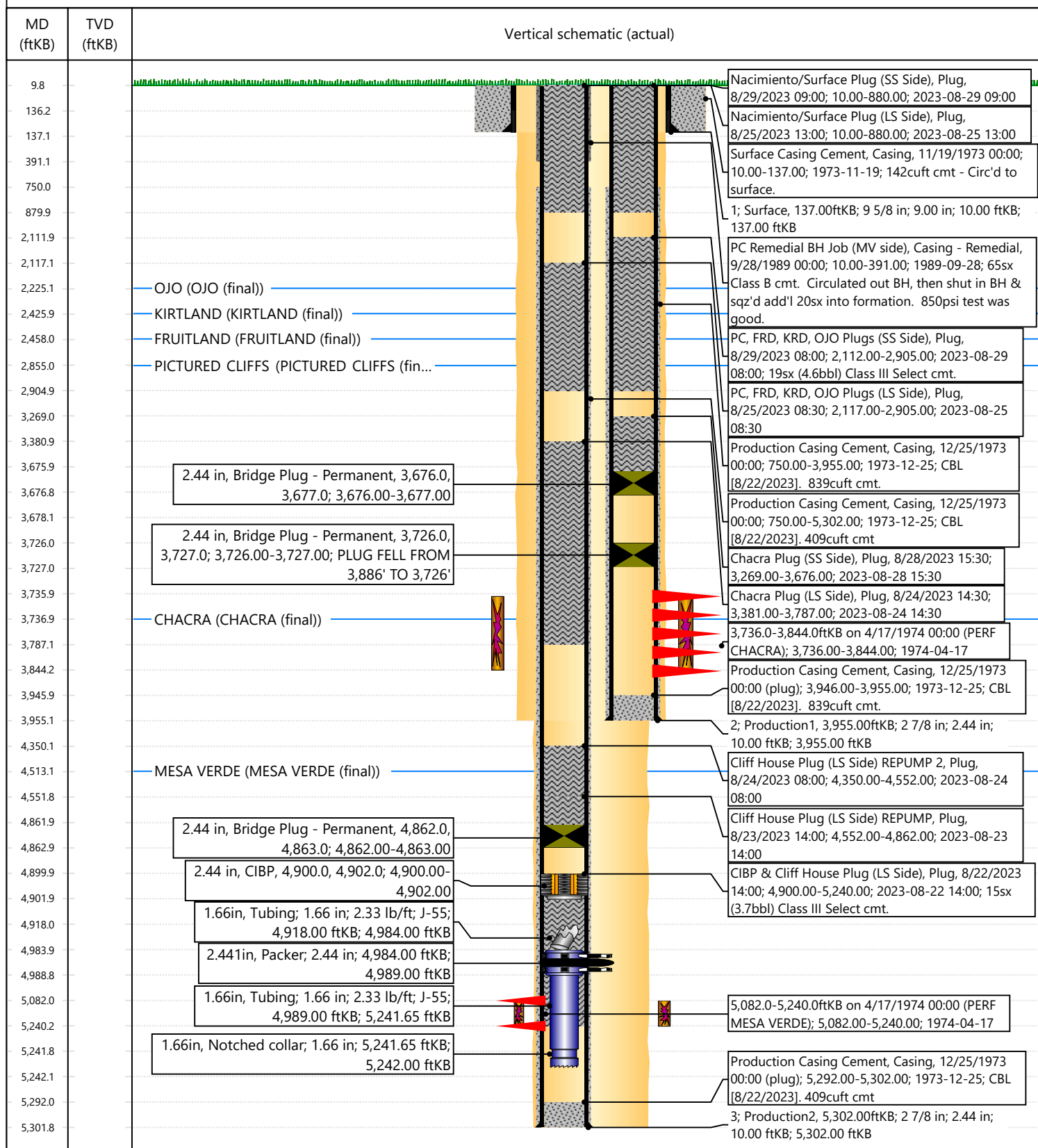


Current Schematic - Version 3

Well Name: CANYON LARGO UNIT NP #237

API / UWI 3003920792	Surface Legal Location 001-025N-006W-A	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 1405	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,652.00	Original KB/RT Elevation (ft) 6,662.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [VERTICAL]



Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, August 29, 2023 4:05 PM
To: Rustin Mikeska; Jason Landeros; Randy Pacheco; sstuart; Roy Kimbel - (C); Michael Wissing; KRENNICK@BLM.GOV; Mandi Walker; vlucero@blm.gov; Daniel Hurd; Cheryl Weston; MKADE@BLM.GOV; cyazzie@blm.gov; mdecker@blm.gov; AGGOMEZ@BLM.GOV
Cc: Thomas Luther; Cheryl Weston; Mandi Walker
Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CHACRA CBL 30-039-20792
Categories: NMOCD

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Talked with Roy earlier verbal given with prior approval from BLM

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

From: Rustin Mikeska <rmikeska@hilcorp.com>
Sent: Tuesday, August 29, 2023 8:16 AM
To: Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Michael Wissing <mwissing@hilcorp.com>; KRENNICK@BLM.GOV; Mandi Walker <mwalker@hilcorp.com>; vlucero@blm.gov; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; MKADE@BLM.GOV; cyazzie@blm.gov; mdecker@blm.gov; AGGOMEZ@BLM.GOV
Cc: Thomas Luther <TLuther@apluswell.com>; Cheryl Weston <cweston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CHACRA CBL 30-039-20792

Good morning Monica – We are proposing the following after confirming with BLM:

Completed:

- Set the CIBP @ 3,676' (10' higher than proposal).
- Pump inside plug above – tag TOC 3,269'
- 650psi pressure test – Good.

Chacra Completion String:

- All inside plugs
- CBL reflected same results and CBL from Mesaverde completion string.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer



From: Jason Landeros <jlanderos@apluswell.com>

Sent: Monday, August 28, 2023 3:44 PM

To: Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Roy Kimbel - (C) <roy.kimbel@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>; MKADE@BLM.GOV; cyazzie@blm.gov; mdecker@blm.gov; AGGOMEZ@BLM.GOV

Cc: Thomas Luther <TLuther@apluswell.com>; Jason Landeros <jlanderos@apluswell.com>

Subject: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CHACRA CBL 30-039-20792

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Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, August 28, 2023 2:10 PM
To: Rustin Mikeska; Rennick, Kenneth G; Jason Landeros; Randy Pacheco; sstuart; Nell Lindenmeyer; Roy Kimbel - (C); Michael Wissing; Lucero, Virgil S; Daniel Hurd; Cheryl Weston; Kade, Matthew H; Yazzie, Clayton T; Decker, Mark A; Gomez, Augustine G
Cc: Thomas Luther; Jeff Witzman; Max Weaver; Lee Murphy; Mandi Walker
Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL
Categories: NMOCD

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NMOCD approves placing cibp at 3676 10 feet high on chacra side of plugging due to potential bad casing 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

From: Rustin Mikeska <rmikeska@hilcorp.com>
Sent: Monday, August 28, 2023 1:01 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>
Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

Monica,
Please review the following proposal after our CIBP fell and is not holding fluid for the CBL run.. BLM recommended this proposal.

Canyon Largo Unit 237
3004507080

Current:

- CIBP was set but fell to 3,727' after being tagged in place.
- The hole was loaded but unable to hold a full column for CBL.

Proposal:

- Due to potential bad csg @ set depth, BLM proposes to set the CIBP uphole @ 3,676' (10' higher than proposal).

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer
Hilcorp Energy

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

Sent: Wednesday, August 23, 2023 5:29 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rustin Mikeska <rmikeska@hilcorp.com>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>

Subject: Re: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

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The BLM finds the proposal appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office

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

Sent: Wednesday, August 23, 2023 1:28 PM

To: Rustin Mikeska <rmikeska@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver

<mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>

Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

NMOCD approval is given to set cibp at 4862 and with replug from 4862 to 4362 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

From: Rustin Mikeska <rmikeska@hilcorp.com>

Sent: Wednesday, August 23, 2023 12:56 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>

Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

Monica/Kenny – Update to the below proposal:

Completed:

- Set 2-7/8" CIBP @ **4,862'**.

Proposal:

- Re-pump Plug #1 from 4,362' – 4,862' (12sx Class III Select is 500' cmt)
- WOC, tag TOC w/ pipe.
- Continue with P&A proposal.

Thanks,
Rustin

From: Rustin Mikeska

Sent: Wednesday, August 23, 2023 12:42 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

Afternoon Monica – BLM approves the following change after tagging Plug #1 near CICR and subsequently tagging high with a gauge ring.

Proposal to set CIBP in csg and Re-pump Plug #1:

- Set 2-7/8" CIBP @ 4,350' – high tag with GR, cannot work down.
- Re-pump Plug #1 from 4,413' – 4,850'
- WOC, tag TOC w/ pipe.

Thanks,

Rustin Mikeska
P&A – Petroleum Engineer



From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, August 23, 2023 9:58 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Rustin Mikeska <rmikeska@hilcorp.com>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <roy.kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <DHURD@HILCORP.COM>; Cheryl Weston <CWESTON@HILCORP.COM>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>
Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

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NMOCD approves below as long as BLM approves with the 120 feet of cement on the outside of the

Thank you

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

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

Sent: Tuesday, August 22, 2023 5:24 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rustin Mikeska <rmikeska@hilcorp.com>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <roy.kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <DHURD@HILCORP.COM>; Cheryl Weston <CWESTON@HILCORP.COM>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>

Subject: Re: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

BLM confirms that procedure is appropriate.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office

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

Sent: Tuesday, August 22, 2023 3:20 PM

To: Rustin Mikeska <rmikeska@hilcorp.com>; Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <CWESTON@HILCORP.COM>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Gomez, Augustine G <aggomez@blm.gov>

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>

Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

Just seen that the BLM has requested plug on Nacimiento

Thanks

Monica

From: Rustin Mikeska <rmikeska@hilcorp.com>

Sent: Tuesday, August 22, 2023 1:33 PM

To: Jason Landeros <jlanderos@apluswell.com>; Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Michael Wissing <mwissing@hilcorp.com>; KRENNICK@BLM.GOV; vlucero@blm.gov; Daniel Hurd <dhurd@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; MKADE@BLM.GOV; cyazzie@blm.gov; mdecker@blm.gov; AGGOMEZ@BLM.GOV

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>

Subject: RE: [EXTERNAL] HILCORP CANYON LARGO UNIT #237 CBL

Good afternoon Monica/Kenny – Attached is the annotated CBL from the Mesaverde completion.

Because both 2-7/8" production strings were cemented in the same hole with continuous cement jobs, we propose using this CBL for both the Mesaverde & Chacra completions/wellbores.

Completed on Long String (Mesaverde):

- Tag TOF at 4,908'. Confirm injection into perfs – good.
- Set CICR in 2-7/8" @ 4,900'.
- **[Revised] Plug #1 Plugback** | Pump 9sx (2.1bbl) Class III Select cmt below CICR to perforation (100% excess volume calc'd).
- Load hole, run CBL from CICR to surface. See attachment for annotated CBL.

Proposal per CBL:

- All inside plugs in both wellbores.
- Note: The 1989 bradenhead remediation job placed cmt from 162' to surface behind the 2-7/8".

Please confirm or call with any questions/concerns.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer



From: Jason Landeros <jlanderos@apluswell.com>

Sent: Tuesday, August 22, 2023 2:07 PM

To: Randy Pacheco <randy@apluswell.com>; sstuart <sam@apluswell.com>; Nell Lindenmeyer <nell@apluswell.com>; Roy Kimbel - (C) <roy.kimbel@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>; MKADE@BLM.GOV; cyazzie@blm.gov; mdecker@blm.gov; AGGOMEZ@BLM.GOV

Cc: Thomas Luther <TLuther@apluswell.com>; Jeff Witzman <jeff@apluswell.com>; Jason Landeros

Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, August 21, 2023 11:36 AM
To: Rennick, Kenneth G; Rustin Mikeska
Cc: Max Weaver; Lee Murphy; Michael Wissing; Mandi Walker; Cheryl Weston; Blas Enriquez - (C); Roy Kimbel - (C)
Subject: RE: [EXTERNAL] Hilcorp P&A Variance Request: Canyon Largo Unit 237

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

NMOCD approval given to attempt to get tools out of hole – if not able approval is given to continue with CR and then capacity plus 100% to perforations.

Thank you

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

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Monday, August 21, 2023 8:50 AM
To: Rustin Mikeska <rmikeska@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>
Subject: Re: [EXTERNAL] Hilcorp P&A Variance Request: Canyon Largo Unit 237

The BLM finds the proposal appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office

From: Rustin Mikeska <rmikeska@hilcorp.com>

Sent: Monday, August 21, 2023 8:47 AM

To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>

Cc: Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>

Subject: [EXTERNAL] Hilcorp P&A Variance Request: Canyon Largo Unit 237

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Monica/Kenny,

As discussed, we are requesting the following variance due to a stuck production packer and limited pulling strength with 1-1/4" tubing.

Canyon Largo Unit 237

3003920792

Completed on Mesaverde (Long String):

- Pressured up on 1-1/4" production tbg – plugged w/ paraffin, cannot clear. Pressure test backside 2-7/8 & packer to 500psi – good.
- Attempt to release pkr w/o success w/ max 80% pull on 1-1/4" tbg (original completion setup).
- Backoff tbg, clear plugged jts, tie back in, pump fluid into perforations.
- Attempt to release pkr – unable to pull pkr or sting out. Strip threads on tbg – unable to tie back in.
- RIH w/ overshot, latch tbg. RU ELU, drift tbg, tag 20' above pkr in tbg.
- Make jet cut on 1-1/4" tbg @ 4,940' (1.5jts above pkr) – unable to pull, bad cut.
- Make chemical cut on 1-1/4" tbg @ 4,908' (2.5jts above pkr) – POOH w/ tbg fish. Left 20' EL tool string in hole.
- Establish injection into perms thru packer, well on vacuum.

Proposed:

1. Tag TOF at 4,908' – if EL tools are present, will fish OOH.
2. QCD: SETBACK TO 2-7/8" @ 4,900'.
3. **[Revised] Plug #1 Plugback** | Pump 9sx (2.1bbl) Class III Select cmt below CICR to perforation (100% excess volume calc'd).
4. Load hole, run CBL from CICR to surface. Adjust plug design based on CBL results.

No bradenhead pressure observed.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer

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 265320

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 265320
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 8/29/2023	10/27/2023