

Well Name: LOTOS C FEDERAL

Well Location: T24S / R31E / SEC 9 / NENE /

County or Parish/State: EDDY / NM

Well Number: 901

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM63757

Unit or CA Name:

Unit or CA Number:

US Well Number: 300152870000X1

Well Status: Abandoned

Operator: CHEVRON USA INCORPORATED

Subsequent Report

Sundry ID: 2740525

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/12/2023

Time Sundry Submitted: 09:56

Date Operation Actually Began: 05/11/2023

Actual Procedure: Please see attached plugging summary and As-Plugged Wellbore Diagram

SR Attachments

Actual Procedure

Lotos_C_Fed_901___Subsequent_Report_20230712095621.pdf

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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: MARK TORRES

Signed on: JUL 12, 2023 09:56 AM

Name: CHEVRON USA INCORPORATED

Title: Well Abandonment Engineer

Street Address: 6301 DEAUVILLE BLVD

City: MIDLAND State: TX

Phone: (989) 264-2525

Email address: MARKTORRES@CHEVRON.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: jamos@blm.gov

Disposition: Accepted

Disposition Date: 07/19/2023

Signature: James A. Amos



P&A Operations Summary - External

Well Name LOTOS 'C' FEDERAL 901	Field Name Sand Dunes West	Lease LOTOS C FEDERAL	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001528700

Basic Well Data

Current RKB Elevation	Original RKB Elevation (ft) 3,447.00	Latitude (°) 32° 14' 17.16" N	Longitude (°) 103° 46' 31.944" W
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Daily Operations

Start Date	Summary
5/11/2023	Review JSA, check well for pressure, production had 5 PSI, intermediate had 20 and surface has 10 PSI. crew installed new risers, graded location, hot bolt head, remove flowline and moved scrap.
6/19/2023	Review JMP, road P&A equipment from LPU 56, spot equipment on location, R/U well service unit and cement pump, unload and function test BOP.
6/20/2023	N/D and N/U BOP, tally and RIH with 80 jts of 2 7/8" tbg to 2600', break out cement pump and go to Sotol A Federal #3 to top off surface csg after cutoff.
6/21/2023	RIH with 2 7/8" tbg and tag RBP at 4730', release RBP and continue to RIH to 7996', set RBP at 7996'. Load hole and pressure test RBP/csg to 700 psi, pressure dropped to 550 in 30 minutes, shut down due to heat.
6/22/2023	R/U pump and circulate 60 bbls of brine, spot 25sx of class H cement from 7996'-7743', stand back 45 stands and P/U pkr, set pkr at 130' and pressure test csg/cmt/RBP to 700 psi, lost 20 psi in 30 minutes, WOC, L/D pkr, RIH and tag cement at 7831', upgrade cement with 15sx clas H 7831'-7696', WOC and tag waived by Zota Stevens, spot 30sx of class C from 6565'-6262', Stand back tbg to 4936'.
6/23/2023	Bubble test surface and intermediate csqs-both passed, tag cement at 6401', contact Mark Torres, Ryan Felix, and Long Vo/NM BLM about tag, upgrade plug with 10sx of class C from 6401'-6302', spot 65sx of class C from 5312'-4654', WOC and tag cement at 4645', shut down due to extreme heat.
6/24/2023	Bubble test surface and intermediate csqs-both passed, circulate salt gel, spot 65sx of cement from 4370'-3712', WOC, RIH and tag cement at 3760', stand back all tbg and shut down for the weekend.
6/26/2023	RIH and set pkr at 196', perforatre 6 TP shots at 3760', unable to pump
6/27/2023	Perforate 6 TP shots at 3740', set pkr at 196' and establish circulation, circulate 791sx of class C cement from 3740'-525', WOC 1 hour then bleed off pressure left on well, perforate 6 TP shots at 525' and attempt to circulate cement out on intermediate from 525'-0', unable to pump through perms.
6/28/2023	Run CBL from 487'-0', L/D excess tbg from derrick, bubble test surface, intermediate, and production csg strings, production and intermediate strings are now failing bubble test, contact Robert Wallace, Mark Torres, and Ryan Felix and decide to R/D equipment and monitor well. R/D P&A equipment except rig.
6/29/2023	R/D well service unit and load float trailer.
7/11/2023	Held safety meeting, check pressure. RU ND WH NU BOP TIH tag TOC at 508' Pump 60 sacks C cement at 508'-0 TOH ND BOP NU WH RD

AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad East API NO.: 30-015-28700 Spud Date: 8/26/1995
 LEASE/UNIT: Lotos 'C' Federal CHEVNO: TD Date: 9/8/1995
 WELL NO.: 901 PROD FORMATION: Comp Date: 10/20/1995
 COUNTY: Eddy ST: New Mexico STATUS: SI Oil Well GL: 3,4233'
 LOCATION: 330' FNL & 660' FEL, Sec. 9, T-24S, R-31E KB: 3,447'

Base of Fresh Water: 425'
 Potash: **YES**

Surface Casing

Size: 11-3/4"
 Wt., Grd.: 42#
 Depth: 670'
 Sxs Cmt: 550 sx
 Circulate: Yes - 197 sx
 TOC: Surf
 Hole Size: 14-3/4"

7/11/23: Spot 60 sx Class C f/ 508' - 0'

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 24#
 Depth: 4,219'
 Sxs Cmt: 1399 sx
 Circulate: Yes - 293 sx
 TOC: Surf
 Hole Size: 11"

6/28/23: Perform CBL on 5-1/2" f/ 500' - 0', solid cement, confirm w/ BLM.

6/27/23: Perf @ 3,740', circ well clean; circ 791 sx Class C f/ 3,740' - 525'. Got cement returns to surface. WOC/tag plug @ 508' inside 5-1/2" csg

Production Casing

Size: 5-1/2"
 Wt., Grd.: 17#
 Depth: 8,350'
 DV Tool: 6,515'
 Sxs Cmt: 1,208 sx
 Circulate: No
 TOC: 3,800' via CBL
 Hole Size: 7-7/8"

6/26/23: Perf @ 3,760'; unable to est. injection rate

TOC @ 3,800' via CBL 5/31/23

6/24/23: Spot 65 sx Class C f/ 4,370' - 3,712'; tag cmt @ 3,760'

Formation	Top (MD)
Rustler	500'
Salt Top	840'
Salt Bottom	4,094'
Delaware MG	4,320'
Bone Spring	8,188'

6/23/23: Spot 65 sx Class C f/ 5,312' - 4,654'; tag cmt @ 4,654'

Perfs: 2 spf and squeezed w/ 600 sx Class C Cement
 4,832' - 4,862' (5/10/1996)

5,050' - 5,064' (5/4/1996)

Perfs: 2 spf and squeezed w/ 200 sx Class C Cement

5,194' - 5,226' (5/4/1996)

5,258' - 5,262' (5/4/1996)

DV Tool @ 6,515'

6/23/23: Spot 10 sx Class C f/ 6,401' - 6,302'

6/22/23: Spot 30 sx Class C f/ 6,565' - 6,262'

6/22/23: Spot 15 sx Class H f/ 7,831' - 7,696'

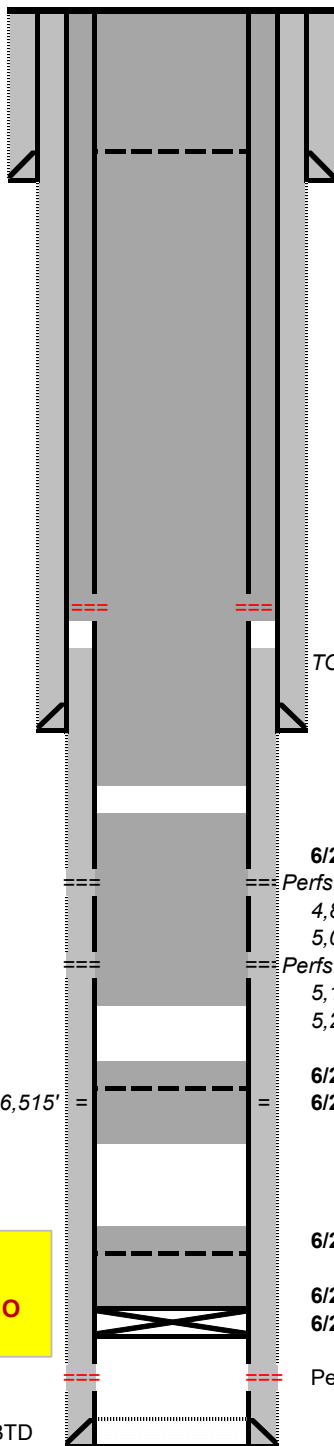
6/22/23: Spot 25 sx Class H f/ 7,996' - 7,743'; tag cmt @ 7,831'

6/21/23: Set RBP @ 7,996'

Perfs: 8,075' - 8,123' (9/21/1995 - 2spf)

H2S Concentration >100 PPM? NO
NORM Present in Area? NO

8,350' TD / 8,306' PBTD



From: [Immatty, Keith P](#)
To: [Torres, Mark](#); [Still, Michael \[Airsift\]](#)
Subject: [**EXTERNAL**] RE: [EXTERNAL] Fwd: Chevron Lotos "C" Federal 901 RCBL
Date: Wednesday, June 28, 2023 10:13:05 AM

Be aware this external email contains an attachment and/or link.
Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

Looks good. I'm OK with the plan to top off from tag depth to surface inside the casing.

Regards,

Keith Immatty

From: Torres, Mark <MarkTorres@chevron.com>
Sent: Wednesday, June 28, 2023 9:08 AM
To: Immatty, Keith P <kimmatty@blm.gov>; Still, Michael [Airsift] <michaelstill@chevron.com>
Subject: [EXTERNAL] Fwd: Chevron Lotos 'C' Federal 901 RCBL

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hey Keith, here's the CBL from Mikes well, the Lotos C Fed 901.

Mark

Get [Outlook for iOS](#)

From: Blake McClure <bmccclure@renegadewls.com>
Sent: Wednesday, June 28, 2023 9:41:55 AM
To: Still, Michael [Airsift] <michaelstill@chevron.com>; Torres, Mark <MarkTorres@chevron.com>
Subject: [**EXTERNAL**] Chevron Lotos 'C' Federal 901 RCBL

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Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

Thank You For Choosing Renegade Services

--Blake McClure

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District IV
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 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 242077

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 242077
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 7/25/23. Well P&A'd 7/11/23	7/25/2023