

Well Name: LOTOS A FED

Well Location: T24S / R31E / SEC 15 /
NENW /

County or Parish/State: EDDY /
NM

Well Number: 1

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM56741

Unit or CA Name:

Unit or CA Number:

US Well Number: 300152617400X2

Well Status: Abandoned

Operator: CHEVRON USA
INCORPORATED

Subsequent Report

Sundry ID: 2743074

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/27/2023

Time Sundry Submitted: 06:44

Date Operation Actually Began: 06/06/2023

Actual Procedure: See attached plugging summary and As-Plugged WBD.

SR Attachments

Actual Procedure

Subsequent_Report__Lotos_A_Fed_1_20230727064406.pdf

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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 27, 2023 06:44 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: 08/02/2023

Signature: James A Amos



P&A Operations Summary - External

Well Name LOTOS 'A' FEDERAL 001	Field Name Poker Lake	Lease LOTUS 'A' FEDERAL	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001526174

Basic Well Data			
Current RKB Elevation 3,528.00, 7/12/2023	Original RKB Elevation (ft) 3,528.00	Latitude (°) 32° 13' 22.152" N	Longitude (°) 103° 46' 2.28" W

Daily Operations	
Start Date	Summary
6/6/2023	Review JSA, check well for pressure, production had 800 psi, intermediate had 450 psi and surface had 100 PSI. No production risers due to DSA head on well, crew installed new intermediate risers and had to T the surface risers due to pressur and fluid on the well. Crew back fill hole, rmeove flow line and hot bolted head.
6/21/2023	Unit Mov From Todd 2 State 12 to LOTOS A Fed 1, Review JSA, Check PSI, Spot In P&A Equipment, Rig Up P&A Equipment
6/22/2023	Review JSA, Check PSI, Function Test BOP, Nipple Down DSL 9 5/8 Well Head, Nipple Up BOP, Change Over Tools, Pick Up 2 7/8 L-80 Work String, Tag Top of RBP, Circulate MLF
6/23/2023	Review JSA, Check PSI, Cont. TIH TBG, TAG RBP @ 7855, Circulate 50 BBLS MLF, 10 bbls Fresh, Spot 55sx Class H Cement 7855-7651, WOC and TAG,
6/24/2023	Review JSA, Check PSI, TIH TAG TOC @ 7631, LD TBG to 6190, Spot 35sx Class C, 6158-6047, WOC Over Weekend. LD TBG To 4090, Shut In Overnight
6/26/2023	Review JSA, Check PSI, Rig Up Wireline Unit, RIH Wire Line, Perforate @ 4502, POH WireLine, Establish Injection Rate 4 bpm @ 300 PSI, Circualte 250 BBLS 10lb Brine, Squeeze 600sx Class C Cement 4502-3398, WOC Overnight, TOH Standing Back TBG, Shut In, Depart Location
6/27/2023	Review JSA, Check PSI, Perform Bubble Test, TIH TAG TOC @ 3,726', LD TBG, Rig Up WireLine, Perforate @ 3725, POH Wire Line, Establish Injection Rate, No Rate, Update BLM and Engineering, Wait on BLM, BLM request CBL to Verify TOC, Shut In Well, Depart Location
6/28/2023	Review JSA, Check PSI, Spot In Renegade Wire Line, Test Lubricator, RIH CBL Tools, Verify TOC, POH Wire Line, Rig Down Wire Line, Update Engineering.
6/29/2023	Review JSA, Check PSI, Spot In Renegade Wire Line Unit, RIH Perforate @ 3575, POH Lay Down Wire Line, Spot In Cement Trucks, Mix and Pump 1100 sx Class C Cement, Displace to 1875, WOC , Leave Well Open to Flow Back to Balance out. Rig Up Wire Line, RIH Tag TOC @ 970, Update BLM and Engineering, Tag With TBG in AM.
6/30/2023	Review JSA, Check PSI, Perform Bubble Test, Test Passed, Pick Up TBG verify Tag. Tag TOC @ 970, LD TBG, Update Engineering, BLM Request Mill Out to 2200 Feet, Verify TOC in 13 3/8 with CBL, LD TBG, Jet Out Reverse Pit, Depart Location
7/6/2023	Review JSA, Check PSI, Spot In Third Party Equipment, RD Well Service Unit to Install Drill Dead Line, RU WSU Unit, Spot In TBG and Drill Collars, Attempt to Make Up BHA, Updated Operations, Return 8.5 Bit and Bit Sub and Make Up in Shop for Proper Torque. Spot In Remainder of Equipment, Perform BOP Table Top Drill, Secure Well, Perform Debrief, Depart Location
7/7/2023	Review JSA, Check PSI, Pick Up / Make Up BHA, Pick Up PH-6 2 7/8 TBG, TAG TOC @ 952, NU Stripper Rubber, PU Power Swivel, Begin Drill Out Cement
7/8/2023	Review JSA, Check PSI, Nipple Up Adapter Flange, Pick Up 7 7/8 Rock Bit, Make Up BHA, TIH Drill Collars, Nipple Up Stripper Rubber, Pick Up Power Swivel , Cont. Drill Out Cement
7/10/2023	Review JSA, Check PSI, TIH with 8 1/4 Bit, Wait on Third Party Mechanic to repair Reverse Pump. Cont. Drill Out Cement From 1091-1143
7/11/2023	Review JSA, Check PSI, Cont. Stand Back Drill Collars, LD and Inspect 7 7/8 Rock Bit, Swap Bits from 7 7/8 to 8 3/8 4 Blade Bit, TIH CSG Collars, Unable to Cont. Drill Out Cement due to equipment brekdown. Manual Back Ups Ordered. Begin Drill Out Cement in AM
7/12/2023	Held safety meeting. Trip in pipe with blade bit tag at 1122. Begin drilling. Drill down to 1309. Circulate well clean and secure well.
7/13/2023	Continue Drilling ops Tag toc 1309 and drill down to 1619. Secure location.
7/14/2023	Continue drilling operation tag toc 1619 and dril down to 1898. Shut in and secure well.
7/15/2023	Continue drilling operation tag toc 1898 drill out to 2018. Washed out tank and circulate well clean. Shut in and secure well.
7/17/2023	Continue drilling operations. Start depth 2018 and drill down to 2273 . Shut in and secure well.
7/18/2023	Continue drilling operations. Start depth 2273 and drill down to 2459 . Shut in and secure well.
7/19/2023	Continue drilling operations. Start depth 2459 and drill down to 2,709' . Shut in and secure well. Up date BLM.
7/20/2023	Down power swivel. Trip out work string. Down DC's and bit. Run CBL one with 0 psi and one with 1000 psi. Shut in well.
7/21/2023	Safety meeting. Trip in with 86 jts to 2,709'. Spot 630 sks class C cmt 1.32 yield 14.8# in 3 stages. Reverse out @ 750'. L/D all tbg. Shut well in with 1000 psi applied pressure.
7/24/2023	Tag TOC @ 760'. Perf @ 730', unable to establish injection rate or circulation. Perf @ 730' again, and establish circulation to surface. Circulate 425 sx of class C cement from 730' to 0'. SDFN.
7/25/2023	Tag TOC @ surface. Rig down rig. Clean return tanks and rig down cement equipment. Load trucks. well work complete.

AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad East
 LEASE/UNIT: Lotos Federal
 WELL NO.: A1
 COUNTY: Eddy ST: New Mexico
 LOCATION: 60' FNL & 1980' FWL, Sec. 15, T-24S, R-31E

API NO.: 30-015-26174

CHEVNO:

PROD FORMATION:

STATUS: TA'd

Spud Date: 9/1/1990

TD Date: 12/5/1989

Comp Date: 12/29/1989

GL: 3,501.6'

KB:

Base of Fresh Water: 400'

R111P/SOPA: Yes/No

Surface Casing

Size: 20"
 Wt., Grd.: 94# K55
 Depth: 671'
 Sxs Cmt: 725 sx
 Circulate: Yes - 200 sx
 TOC: Surf
 Hole Size: 26"

Intermediate Casing

Size: 13-3/8"
 Wt., Grd.: 72# N80
 Depth: 4,400'
 Sxs Cmt: 3300 sx
 Circulate: Yes - 200 sx
 TOC: Surf
 Hole Size: 17-1/2"

Production Casing

Size: 9-5/8"
 Wt., Grd.: 53.5#, 47#, 43.5#
 Depth: 11,750'
 Sxs Cmt: 400 sx
 Circulate: No
 TOC: 5,850' per CBL
 Hole Size: 12-1/4"

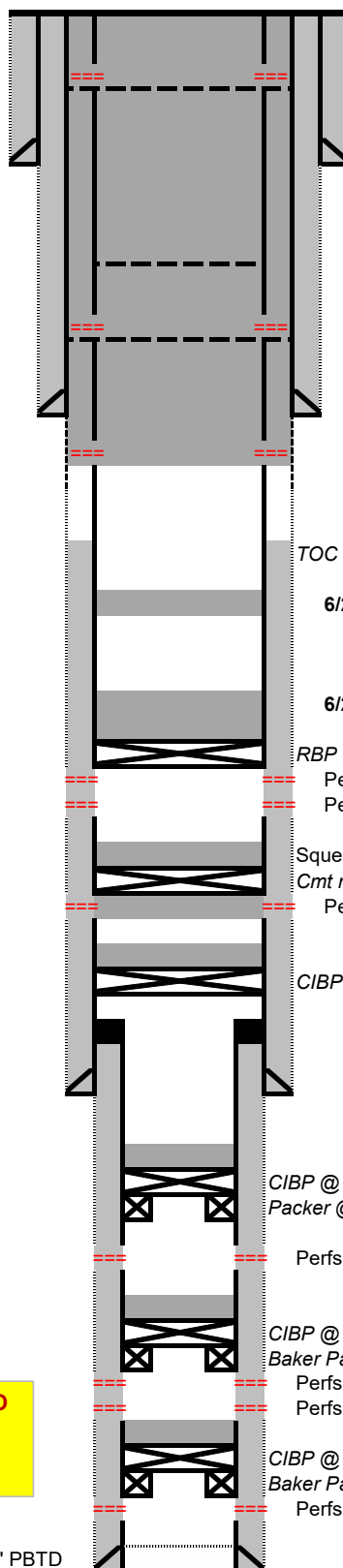
Production Liner

Size: 7"
 Wt., Grd.: 35# C95, L80
 Depth: 16,426'
 Liner Top: 11,490'
 Sxs Cmt: 675 sx
 Circulate: No
 TOC: Unknown
 Hole Size: 8-1/2"

Formation	Top (MD)
Rustler	675'
Base of Salt	4,450'
Delaware Sand	4,452'
Cherry Canyon	5,252'
Brushy Canyon	7,294'
Brone Spring	8,312'
Bone Springs Upper	9,834'
Wolfcamp	11,628'
Strawn	13,578'
Atoka	13,762'
Morrow	14,222'
Devonian	16,550'

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

16,426' TD / 16,119' PBTD



7/24/23: Perf @ 730' and circulate 425 sx Class C f/ 730' - 0'

7/21/23: Spot 630 sx Class C f/ 2,709' - 750'
 Tag cement @ 760'

6/29/23: Perf @ 3,725', unable to est. inj. Perf @ 3,675'
 Circulate 1100 sx Class C f/ 3,575' - 1,875' tag plug @ 970'. Drillout cement to 2,709' due to high tag
 Perform CBL on plug, TOC @ 750'

6/23/23: Perf @ 4,502', squeeze 600 sx Class C f/ 4,502' - 3,398', tag plug @ 3,726'

TOC @ 5,850' perf CBL 5/23

6/24/23: Spot 35 sx Class C f/ 6,158' - 6,047'

6/23/23: Tag RBP and spot 55 sx Class H f/ 7,855' - 7,651'
 Tag plug @ 7,631'

RBP @ 7,951' - Frac protect 2022

Perfs: 8,116' - 8,141' (50 holes)

Perfs: 8,207' - 8,228' (42 holes)

Squeeze 1,650 sx cmt below and leave 60' cmt on top
 Cmt retainer @ 8,605'

Perfs: 8,710' - 8,712' (8 holes)

CIBP @ 11,470' w/ 35' dump bailed cmt

CIBP @ 14,450' w/ 35' dump bailed cmt
 Packer @ 14,494'

Perfs: 14,552' - 14,570' (78 holes)

CIBP @ 14,750' w/ 35' dump bailed cmt
 Baker Packer @ 14,780', cut @ 14,775' w/ 35' dump bailed cmt

Perfs: 14,845' - 14,897' (28holes)

Perfs: 14,912' - 14,927' (60 holes)

CIBP @ 14,984' w/ 10' dump bailed cmt
 Baker Packer 14,994'

Perfs: 15,024' - 15,048' (50 holes)

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 247292

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 247292
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD 8/4/23. Well P&A'd 7/25/23	8/4/2023