

<b>Well Name:</b> GULF FEDERAL COM	<b>Well Location:</b> T18S / R32E / SEC 33 / NESE /	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 01	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM24161	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 300252563700X1	<b>Well Status:</b> Abandoned	<b>Operator:</b> CHEVRON USA INCORPORATED

**Subsequent Report**

**Sundry ID:** 2744739

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 08/07/2023

**Time Sundry Submitted:** 10:42

**Date Operation Actually Began:** 04/28/2023

**Actual Procedure:** Please see attached wellbore diagram and plugging summary.

**SR Attachments**

**Actual Procedure**

Reporting\_\_PA\_Operations\_Summary\_\_External\_\_GULF\_FEDERAL\_COM\_001\_\_2023\_08\_07\_10.39.26\_20230807104231.pdf

As\_Plugged\_WBD\_20230807104222.pdf

Well Name: SULF FEDERAL COM  
Well Location: T18S / R32E / SEC 33 / NESE /

County or Parish/State: LEA / NM

Well Number: 01

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM24161

Unit or CA Name:

Unit or CA Number:

US Well Number: 300252563700X1

Well Status: Abandoned

Operator: CHEVRON USA INCORPORATED

**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: AUG 07, 2023 10:42 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: 08/14/2023

Signature: James A Amos



# P&A Operations Summary - External

Well Name GULF FEDERAL COM 001	Field Name Lusk North	Lease Gulf Federal Com	Area Delaware Basin
Business Unit Mid-Continent	County/ Parish Lea	Global Metrics Region Lower 48	Surface UWI 3002525637

**Basic Well Data**

Current RKB Elevation 3,708.00, 11/12/2014	Original RKB Elevation (ft) 3,708.00	Latitude (°) 32° 42' 7.128" N	Longitude (°) 103° 45' 52.056" W
---	---	----------------------------------	-------------------------------------

**Daily Operations**

Start Date	Summary
3/30/2023	Review JSA, Check well for pressure, production had 340 PSI, intermediate had 50 and had to be T'ed, surface had 0 PSI. Crew installed risers, graded locatoin, back fill, removed flow line, red scrap.
4/28/2023	Held safety meeting, Set and test 2 anchors, Debrief.
5/4/2023	Move in rig and equipment to location.
5/5/2023	MIRU.
5/8/2023	Arrive on location hold safety meeting JSA, tenet # 8, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 900 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Bleed production casing down had 1/2 round LEL monitor go off 149 LEL have Signal safety check all monitors Crew Lunch. Kill well pump 220 bbl 10 # brine well at 800 PSI. Attempt to unset rod pump stuck work pump unable to free up . Secure well Debrif EOT.
5/9/2023	Arrive on location hold safety meeting JSA, tenet # 9, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Found O/L LEL in tubing and 135 CO. Found O/L LEL in intermediate casing and 238 CO. Had safety meeting with crew and hot oil operator. SSR inspected Hot Oil truck. Loaded Hot Oil truck with brine and spotted and rigged up Tested all lines and shut down switch to 1000 PSI. Started pumping Hot Water Operator had to slow down to 1/2 BPM do to heavy paraffin in well. was able to get to 3/4 to 1 BPM. Stopped Hot water operations. Rigged down Hot Oiler. Worked rods unable to pull free Secure well Debrief, EOT.
5/10/2023	Arrive on location hold safety meeting JSA, tenet # 10, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 200 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Found 3 LEL in surface casing and O/L CO. Crew worked rods unable to work free. Rigged up floor and equipment to pull rods. BOPE drill. vacuum truck drive tripped on hose when walking to meeting area made calls to proper people. Crew backed off rods. POOH laying down rods. Crew Lunch. Continue laying down rods pulled total of 289 rods. spotted and rigged up wire line truck. RIH with 1 9/16" tubing punch, fighting paraffin shot perfs at 2140' POOH with per gun. Rig down wire line tool and equipment. Pump down tubing and circulate out paraffin from 2140 to surface. Secure well Debrief, EOT
5/11/2023	Arrive on location hold safety meeting JSA, tenet # 1, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Nipple down well head Install BOPE and function test BOPE. Attempt to release tubing anchor was not able to work free. Rig up wire line RIH tagged at 2180' POOH and rig down wire line equipment Secure well Debrief EOT
5/12/2023	Arrive on location hold safety meeting JSA, tenet # 2, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Inspected Power Swivel found kill switch not working. Spotted and rigged up hot oil truck after inspection. Stated pumping hot water down back side. After power swivel was repaired stopped hot oil truck and move off location. Spot and rig up power swivel. Start rotating and working tubing had a lot of turns in the tubing. Rig brake handle stated to twist and bend slightly stopped working tubing Secure well Debrief EOT.
5/13/2023	Arrive on location hold safety meeting JSA, tenet # 3, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Rig up power swivel and circulating head. Start working tubing and rotating tubing. Unable to get tubing anchor free. Lay down power swivel. Rig up wire line truck. RIH with sinker bar work to 2600' POOH rig down wire line truck Secure well Debrief EOT
5/15/2023	Arrive on location hold safety meeting JSA, tenet # 5, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Vendors unable to find 1" BOPE rams. Unload 1" CS tubing and tools from truck. Set up to run paraffin knife. Remove bird bath land tubing on completion spool install rod BOPE and stripper. Crew Lunch. Adjust rig floor. Set up tubing racks and load 163 joint of tubing on racks. tally tubing make up BHA. RIH with 2 3/8" paraffin knife to 2348' POOH with 1" tubing to surface Secure well Debrief EOT
5/16/2023	Arrive on location hold safety meeting JSA, tenet # 6, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Set up location remove extra equipment, spot in 20 7/8" rods. Install paraffin knife and RIH with 7/8" rods and 1" CS tubing BOPE drill, Crew lunch, Finish running T/ 2938'. POOH with 1" tubing. Start rig down operations rig down floor, nipple down BOPE, land tubing flange. Secure well Debrief EOT *****NOTE Due to the lack of Progress, decision was made to RD rig and evaluating drilling paraffin with coil tubing unit.*****
5/17/2023	Arrive on location hold safety meeting JSA, tenet # 7, SOP, H-H. Check location and well, Tubing 0 PSI, Production casing 0 PSI, Intermediate casing 0 PSI, surface casing 0 PSI. Continue Rigging down operation. ***** Moved to Todd 2 State #2*****
6/18/2023	Held safety meeting with crew. R/U Renegade WL. RIH with 1.70 GR and tagged up at 3947'. POH with same. RIH with 1.68" jet cutter. Cut tubing at 3900', 11' below collar at 3889'. POH with same. Confirmed cutter fired. RDMO Renegade WL. Shut in the well and secured location.
7/12/2023	Move from Lotos 901 to Gulf fed 1 MIRU NU BOP test stack
7/13/2023	Held safety meeting, check pressure. TOH PU BHA TIH tag fish at 3903 RU PS
7/14/2023	Held safety meeting, check pressure. Latched on to fish work fish from 80k-150k parted tubing TOH recovered 1'of fish
7/17/2023	Held safety meeting, check pressure. TIH with BHA washed over fish to 4025' circulated clean TOH change out tool TIH to 3904
7/18/2023	Held safety meeting, check pressure. TIH Cut tubing at 4018' TOH laydown fish PU overshot latch onto fish at xxxx'
7/19/2023	Held safety meeting, checked pressure. RUWL tag TOF at 4018' RDWL TOH change out BHA TIH to 4252'
7/20/2023	PJSA. R/U power swivel. Made cut with external cutter. TOH. Cutter failure. TIH with washover shoe, wash pipe, and tubing to TOF. Secured well. SDFN.
7/21/2023	PJSA. Washed over tubing to 4300'. TOH. Removed shoe, installed cutter. TIH and cut tubing 4278'. TOH. Shut in well and secured location.
7/22/2023	PJSA. Pulled wash pipe and ~300' of tubing. L/D wash pipe. L/D drill collars. TIH with Full-open overshot. Engaged TOF. Pulled 50K tension, spaced out, and landed in slips. MIRU WL. RIH with GR. Stacked out 450'. Paraffin on tools. R/D WL. Released from fish. Hot oiled work string. RIH with WL to 4250'. POH and R/D Apollo. Shut in the well and secured location.
7/24/2023	Held safety meeting, check pressure. R/D Axis equipment, MIRU CTU
7/25/2023	Held safety meeting. CTU down for repairs
7/26/2023	NU BOP TIH to 7021' TOH PU cutter TIH cut tbug at 7021' TOH
7/27/2023	Held safety meeting, check pressure. TIH cut tubing at 7006' TOH RD CTU MIRU Axis 34 TOH
7/28/2023	Held safety meeting, check pressure. TIH and set cement retainer at 6980' Sqz 425 sacks H cement at 10595'-6980' Spot 25 sack C cement at 6980'-6730' TOH to 5714'
7/31/2023	Held safety meeting, check pressure. TIH tag TOC at 6686' mud up TOH laydown stinger TIH to 4911' RUWL Perf at 5395 RDWL unable to EIR
8/1/2023	Held safety meeting, check pressure. RUWL perf at 5395 unable to injection perf at 5295 unable to inject RDWL TIH to 5445 Spot 25 sx, Class C cement at 5445'-5191' TOH to 4205 RUWL perf at 4491 WOC
8/2/2023	Held safety meeting, check pressure. TIH tag TOC at 5235 TOH Pump 25 sacks cement at 4541'-4291' TOH RUWL Perf at 4163 RDWL Unable to INJ into perfs WOC tag TOC at 4289 TOH to 4213' Pump 110 sacks Class C at 4213'-3180' TOH
8/3/2023	Held safety meeting, check pressure Run CBL RUWL Perf at 2955' RDWL TIH pump 75 sacks at 3005-2245 TOH RUWL perf at 1402' RDWL circluate clean TIH tag TOC at 2294 TOH
8/4/2023	Held safety meeting, check pressure. TOH SQZ 78 sacks of cement at 1402'-1071' WOC tag TOC at 1002 TOH RUWL perf at 460' circulate well clean N/D BOP N/U WH Pump 120 sack cement at 460'-0' R/D

**AS PLUGGED WELLBORE DIAGRAM**

**Gulf Federal Com 1**  
**Lusk North (Wolfcamp) Field**  
**Lea County, New Mexico**  
 1980 FSL & 660 FEL, Sec-33, T-18S, R-32E  
 API# 30-025-25637  
 Spud Date: 9/4/77  
 Completion Date: 1/8/78  
 GL Elevation: 3689'  
 KB Elevation: 3708'  
 Base of Fresh Water: 300'  
 Potash Area: **NO**

**Surface Casing**

Size: 13-3/8"  
 Weight: 48#  
 Depth: 410'  
 Cement: 450 sx  
 TOC: Surf  
 Hole Size: 17-1/2"

8/4/23: Perf @ 460' circ. 120  
 sx Class C f/ 460' - 0'

8/4/23: Perf @ 1,402'; circ. 78  
 sx Class C f/ 1,402' - 1,071'  
 Tag plug @ 1,002'

TOC @ 1,700' via CBL 8/3/2023

**Intermediate Casing**

Size: 8-5/8"  
 Weight: 24 & 32#  
 Depth: 2,375'  
 Cement: 1700 sx Class C  
 TOC: Surf - Top Job  
 Hole Size: 11"

8/3/23: Perf @ 2,955' (no inj.); Spot 75 sx Class C f/ 3,005' - 2,245'

8/2/23: Spot 110 sx Class C f/ 4,213' - 3,180'; tag @ 3,157'

**Production Casing**

Size: 5-1/2"  
 Weight: 17 & 20#  
 Depth: 13,032'  
 Cement: 650 sx CI H  
 TOC: 1,700' via CBL 8/3/23  
 Hole Size: 7-7/8"

8/2/23: Perf @ 4,491' (unable to est. inj.); spot 25 sx Class C  
 f/ 4,541' - 4,291'; tag plug @ 4,289'

8/1/23: Perf twice @ 5,395' and 5,295' (unable to est. inj.); spot 25 sx Class C  
 f/ 5,445' - 5,191'; tag plug @ 5,235'

7/28/23: Set CICR @ 6,980' and squeeze 425 sx Class H below; sting out of  
 retainer and spot 25 sx Class C f/ 6,980' - 6,730'; tag plug @ 6,686'

TOF @ 7,006' (Rods, tubing, TAC left in hole)

Formation	Top (MD)
Rustler	1,221'
Salt Top	1,402'
Salt Bottom	2,710'
Yates	2,778'
Seven Rivers	3,330'
Queen	3,905'
Grayburg	4,163'
Delaware	4,815'
Bone Spring	7,106'
Wolfcamp	10,318'
Strawn	11,544'

**See P&A Operations Summary for fishing detail - Received permission  
 from BLM to set retainer above TOF, bullhead cement and begin plugging**

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

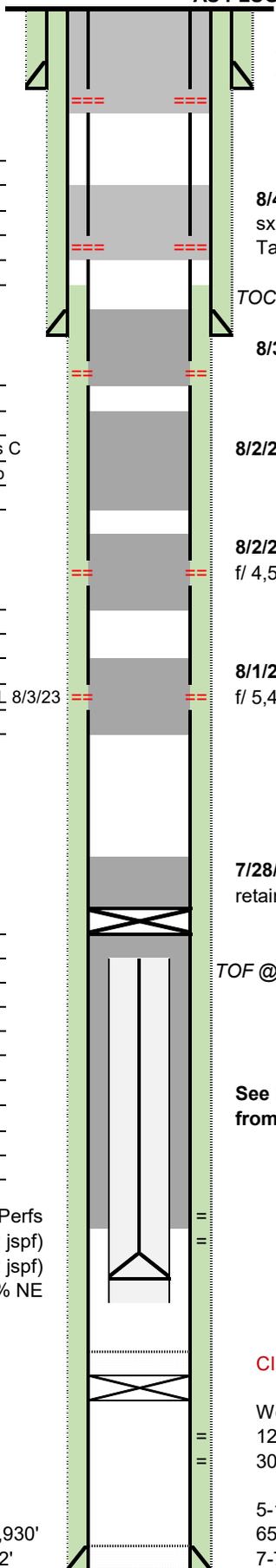
CIBP @ 12560' w/ 4sx cmt (TOC @ 12522')

Wolfcamp Perfs  
 12608-12622', 12640-12642' & 12664-12674'  
 3000 gals 7.5% Morrow Acid w/ 1000 cf nitrogen/bbl

5-1/2" 17# & 20# @ 13,032'  
 650sx cl H cmt - TOC @ 9520' (TS)  
 7-7/8" Hole

PBTD @ 12,930'  
 TD @ 13,032'

Wolfcamp Perfs  
 10595-10644' (2 jspf)  
 10770-10776' (2 jspf)  
 Acidize w/ 1500 gals 15% NE



**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 251956

**CONDITIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 251956
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD. Well P&A'd 8/4/23	8/15/2023