

Well Name: SOTOL FEDERAL	Well Location: T24S / R31E / SEC 1 / NENE /	County or Parish/State: EDDY / NM
Well Number: 5	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM69369	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152865300X1	Well Status: Abandoned	Operator: CHEVRON USA INCORPORATED

Accepted for Record Only

SUBJECT TO LIKE  
APPROVAL BY BLM

NMOCD 4/24/23

X 7

### Subsequent Report

Sundry ID: 2725868

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/14/2023

Time Sundry Submitted: 03:00

Date Operation Actually Began: 04/04/2023

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

### SR Attachments

#### Actual Procedure

Reporting\_\_EMC\_Ops\_Summary\_\_External\_\_SOTOL\_FEDERAL\_005\_\_2023\_04\_14\_14.41.53\_20230414150024.pdf

As\_Plugged\_WBD\_20230414150001.pdf

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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: APR 14, 2023 03:00 PM

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: 04/17/2023

Signature: James A. Amos

## AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad East  
 LEASE/UNIT: SOTOL FED  
 WELL NO.: 5  
 COUNTY: Eddy ST: New Mexico  
 LOCATION: 330' FNL & 380' FWL, Sec. 1, T-24S, R-31E

API NO.: 30-015-28653  
 CHEVNO:  
 PROD FORMATION:  
 STATUS: SI Oil Well

Spud Date: 10/8/1995  
 TD Date: 10/21/1995  
 Comp Date: 11/24/1995  
 GL: 3,526'  
 KB: 3,540'

Base of Fresh Water: 350'

R11P/SOPA: Yes

## Surface Casing

Size: 11-3/4"  
 Wt., Grd.: 42#  
 Depth: 857'  
 Sxs Cmt: 590 sx  
 Circulate: Yes, 200 sx  
 TOC: Surf  
 Hole Size: 14-3/4"

4/12/23: Perf @ 1,400', circulate 345 sx Class C f/ 1,400' - 0'

## Intermediate Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 4,450'  
 Sxs Cmt: 140 sx  
 Circulate: Yes, 200 sx  
 TOC: Surf  
 Hole Size: 11"

4/11/23: Perf @ 2,750', circulate 325 sx Class C f/ 2,750' - 1,421'  
 Tag cement @ 1,400'

TOC @ 2,750'

4/11/23: Spot 25 sx Class C f/ 2,953' - 2,750'  
 Tag plug @ 2,750'

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#/17#  
 Depth: 8,650'  
 DV Tool: 6,495'  
 Sxs Cmt: 1820 sx  
 Circulate: Yes, 30 sx  
 TOC: Surf  
 Hole Size: 7-7/8"

4/10/23: Perform CBL; TOC @ 2,750'  
 Spot 145 sx Class C f/ 4,186' - 2,750'; tag plug @ 2,953'

4/7/23: Spot 30 sx Class C f/ 4,497' - 4,200'  
 Tag plug @ 4,186'

4/6/23: Set CIBP @ 4,497' (pressure test, pass)

4,597' - 4,606'

= DV Tool @ 6,495'

= 6,696' - 6,711'

= Perfs: 8,298' - 8,324'

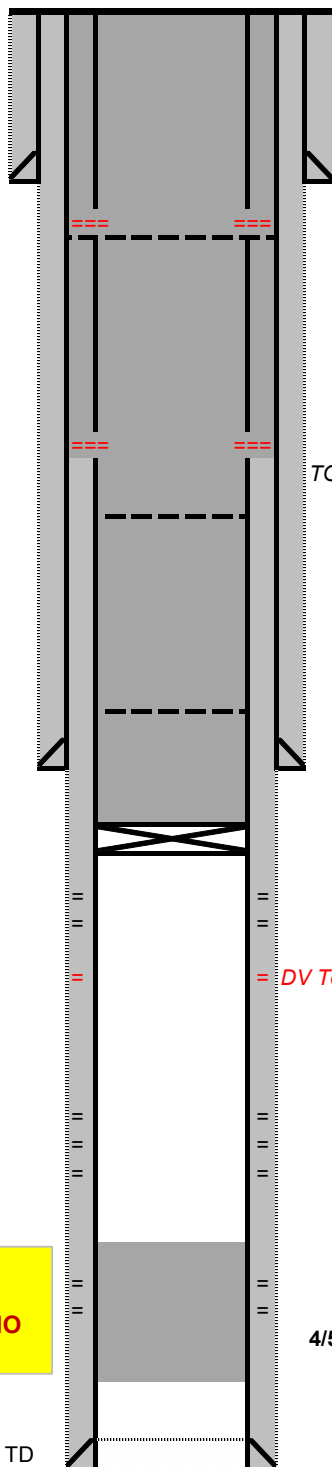
4/5/23: Spot 40 sx Class H f/ 8,156' - 7,793' (Tag plug @ 7,836')

2267' TOC from Completion  
 Report. LV

Formation	Top (MD)
Rustler	820'
Salt Top	1,165'
Salt Bottom	4,298'
Delaware MG	4,532'
Bone Spring	8,394'

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

8,650' TD





# EMC Ops Summary - External

Well Name SOTOL FEDERAL 005	Field Name SAND DUNES WEST	Lease SOTOL FEDERAL	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001528653

Basic Well Data			
Current RKB Elevation 3,540.00, 12/4/2014	Original RKB Elevation (ft) 3,540.00	Latitude (°) 32° 15' 9.54" N	Longitude (°) 103° 43' 24.888" W

Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
3/23/2023 12:00	3/23/2023 17:00	PREP	FAC		
3/29/2023 10:00	3/29/2023 16:15	MOB	MOVEON	6.25	
3/29/2023 16:15	4/5/2023 09:30	ABAN	TBGPULL	38.75	7.74
4/5/2023 09:30	4/12/2023 15:30	ABAN	CMTPLUG	54.75	
		REST	FAC		

Start Date	Summary
3/23/2023	Review JSa, check well for pressure, production had 500 PSI, intermediate had 10 psi and surface had 10 PSI. crew installed new risers grade location, hot bolted head and remove flow line.
3/29/2023	Move rig from Axis yard to Sotol Fed 5. Held safety meeting reviewed stand up, HOP and PB expectations. Unload equipment RU equipment stand by for remaining equipment from Malaga C3
3/30/2023	Held safety meeting, check pressure. Install secondary valve onto WH. Stand by for equipment. Set flowdown tank, blow down well Test tubing to 1000 psi Passed BHD 5-1/2 w/ 200 bbls RU work floor and rod equipment. Worked rod pump unable to unseat pump Contacted Mark and approved to back off rods RU back off tool Backed off rods recovered 20k of rods RD tools TOH with rods
3/31/2023	Held safety meeting, check pressure. Reverse out oil from tubing TOH laying down rods. Change over to tubing equipment. RU WL perf at 7917 RD WL circulate tubing clean
4/3/2023	Held safety meeting, check pressure. ND WH NU BOP Test BOP TOH with tubing and BHA
4/4/2023	TIH with tubing tag top of fill at 8158' laydown to 8089' Shut down due to windy conditions
4/5/2023	Held safety meeting, check pressure. TIH to 8156 Cool formation with 100 bbls brine Pump 31 sacks H Cement at 8156'-7875' TOH to 4364 WOC TIH did not tag any cement pump 60 bbls brine to cool formation Pump 40 sacks H cement at 8156'-7793' TOH to 4364 WOC
4/6/2023	Held safety meeting, check pressure. TIH Tag TOC at 7836 TOH with 4600' of tubing laydown remaining tubing. RUWL set CIBP at 4497 TOH RD WL test casing to 500 psi Passed TIH TAG CIBP at 4497
4/7/2023	Held safety meeing, check pressure. Bubble test circulate 80 bbls Pump 30 sacks C cemenr at 4497'-4200' TOH to 3233' WOC
4/10/2023	Held safety meeting, check pressure. TIH TAG TOC at 4186' TOH RUWL run CBL RDWL TOC at 2750' TIH to 4186' Pump 145 sacks C cement at 4186'-2750' TOH to 2750 reverse out TOH to 1801' WOC
4/11/2023	Held safety meeting, check pressure. TIH tag TOC at 2953' Pump 25 sacks C cement at 2953'-2700' TOH to 2750 Reverse out clean TOH to 1750 WOC TOH tag TOC at 2750 TOH to 2450 RUWL Perf at 2750 RDWL EIR TOH Circulate dye Pump 325 sacks C cement at 2750'-1421' WOC
4/12/2023	Held safety meeting, check pressure. TIH tag TOC at 1400 TOH to 1264' RUWL perf at 1400 RDWL TOH ND BOPE NU WH Pump 345 sacks C cement at 1400'-0' RD equipment MOVE to Sotol Federal 7

**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

COMMENTS

Action 209060

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 209060
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	4/24/2023

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	Action Number: 209060
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CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	4/24/2023