

<b>Well Name:</b> BENSON SHUGART	<b>Well Location:</b> T18S / R30E / SEC 25 / NESW /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 18	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM01375	<b>Unit or CA Name:</b> BENSON SHUGART WATERFLOOD	<b>Unit or CA Number:</b> NMNM88499X
<b>US Well Number:</b> 3001504546	<b>Well Status:</b> Abandoned	<b>Operator:</b> CHEVRON USA INCORPORATED

**Subsequent Report**

**Sundry ID:** 2727287

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 04/23/2023

**Time Sundry Submitted:** 11:12

**Date Operation Actually Began:** 04/07/2023

**Actual Procedure:** See attached plugging summary and As Plugged Wellbore Diagram.

**SR Attachments**

**Actual Procedure**

As\_Plugged\_WBD\_20230423111010.pdf

Reporting\_\_EMC\_Ops\_Summary\_\_External\_\_BENSON\_SHUGART\_WFU\_018\_\_2023\_04\_23\_11.05.28\_20230423110940.pdf

Accepted for record – NMOCD  
JRH      05/08/2023

<b>Well Name:</b> BENSON SHUGART	<b>Well Location:</b> T18S / R30E / SEC 25 / NESW /	<b>County or Parish/State:</b> EDDY / NM
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<b>US Well Number:</b> 3001504546	<b>Well Status:</b> Abandoned	<b>Operator:</b> 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:** APR 23, 2023 11:12 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:** 05/04/2023

**Signature:** James A. Amos



# EMC Ops Summary - External

Well Name BENSON SHUGART WFU 018	Field Name SHUGART	Lease KEINATH-FEDERAL	Area Central Permian
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001504546

Basic Well Data			
Current RKB Elevation 3,589.00, 7/10/2014	Original RKB Elevation (ft) 3,589.00	Latitude (°) 32° 42' 55.692" N	Longitude (°) 103° 55' 33.312" W

Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC		
4/7/2023 08:00	4/7/2023 12:00	MOB	MOVEON	4.00	
3/11/2023 07:00	3/13/2023 18:00	ABAN	TBGPULL		
		ABAN	CMTPLUG		
		REST	FAC		

Start Date	Summary
4/7/2023	Review JSA, Road P&A Equipment From BSWFU 25 to BSWFU 18, Spot In, RU, Secure Equipment, Depart Location
4/10/2023	JSA Review, RU WSU , NU BOP, Test CIBP,
4/11/2023	Review JSA, Check PSI, Conduct CBL Operations, Log CBL from Surface to 2350, PU 5.5 PKR, Locate CSG Holes, CIBP Leaking @ 2385, TOH Stand Back TBG
4/12/2023	Review JSA, Check PSI, TIH TBG, Spot 60sx Class C 2 2386-1819, WOC, TAG TOC @ 1862, TIH PKR to 1574, PSI Test CMT PLUG, RIH WL, Perforate @ 1750, POH WL, Est. Inj. Rate 2 BPM @ 1000 PSI, Update BLM Kieth Imatty, BLM Aproved Spot 10sx Class C Cement @ 1862-1750, WOC TAG, TOH PKR, TIH TBG to 1862, Spot 10sx Class C Cement 1862-1750, LD 3 Joints, Reverse Circualte x2 TBG Capacity, Stand Back 5 Stands, WOC Overnight
4/13/2023	Review JSA, Check PSI, TOH TBG, RU WL, Perforate @ 1650 Per BLM Request, LD WL, TIH PKR to 1682, Squeeze 30sx Class C Cement b/1750- t/1650, POH PKR, WOC Overnight,
4/14/2023	Review JSA, Check PSI, TIH Tag TOC, Spot 100sx Class C Cement From 1700-750,WOC and Tag @ 806, Unable to Cut CSG, Expose 8 5/8 Well Head, Prepare to Cut CSG in AM
4/15/2023	Review JSA, Check PSI, RU WL, Cut CSG @ 760, PU Fishing Spear, PU to 80k Over Pull, RD Fishing Spear, RU Mechanical Cutter, Cut CSG @ 740,
4/17/2023	Review JSA, Check PSI, LD 5.5 CSG, Prep 8 5/8 CSG for Bit Run, RIH Bit and Scrapper to 745,
4/18/2023	Review JSA, Check PSI, LD 8 5/8 PKR, PU Bit and Scrapper, TIH to 745, TOH LD Bit and Scrapper, PU 8 5/8 PKR, Attempt to Locate Good CSG, Unable to Locate Good CSG Test, Update BLM, Cement Prog Changed. Spot 120 Class C Cement from 792-345, WOC, Overnight
4/19/2023	Review JSA, Check PSI, Tag TOC @ 342, Perforate @ 340, TIH PKR to 180 FT, Establish Injeciton Rate @ 2.5 bpm @ 150 PSI, Inject 40 bbls Fresh, Fluid No Longer Seen At Surface outside 8 5/8, Update BLM, Ok to Squeeze 170sx Class C Cement, Displace to 240, WOC Overnight
4/20/2023	Review JSA, Check PSI, PSI Test CMT Plug, Test Fail, RIH WL, Tag TOC @ 204,POH, WL, RIH PKR To 126, Perforate @ 199, Establish Injection Rate of 2.5 bpm @ 100 PSI, Squeeze 60 sx Class C Cement, WOC

**BENSON SHUGART WATERFLOOD UNIT #18**

**Shugart (Yates) Field**  
**Eddy County, New Mexico**  
 1650' FSL & 2310' FWL, Sec-25, T-18S, R-30E  
 API# 30-015-04546  
 Spud Date: 6/18/62  
 Completion Date: 7/21/62  
 Base of Fresh Water: 200'

GL Elevation: 3571'  
 KB Elevation: 3589'

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

**Surface Casing**

Size: 8 5/8"  
 Wt., Grd.: 36#  
 Depth: 757'  
 Sxs Cmt: 100 sx  
 Circulate: Unknown  
 TOC: Unknown  
 Hole Size: 11"

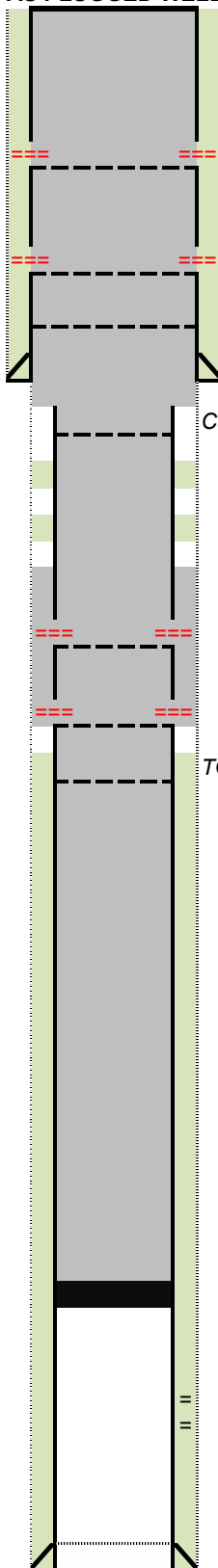
**Production Casing**

Size: 5 1/2"  
 Wt., Grd.: 14#  
 Depth: 2,519'  
 Sxs Cmt: 200 sx  
 Circulate: Unknown  
 TOC: 1757' CALCULATED  
 Hole Size: 7 7/8"

Formation	TOP (MD)
Rustler	458'
Salt Top	792'
Salt Bottom	1,775'
Yates	1,985'

PBTD @ 2510'  
 TD @ 2520'

**AS PLUGGED WELLBORE DIAGRAM**



**4/20/23:** Perf @ 199', squeeze 60 sx Class C f/ 199' - 0'

**4/19/23:** Perf @ 340', squeeze 220 sx Class C Tag plug @ 204'

**4/18/23:** Spot 35 sx Class C f/ 476' - 340' Tag plug @ 342'

**4/18/23:** Spot 120 sx Class C f/ 792' - 340' Tag plug @ 476'

*Cut/pull 5-1/2" f/ 760'*

**4/14/23:** Spot 100 sx Class C f/ 1,700' - 700'; squeeze plug Tag plug @ 806'

**4/13/23:** Perf @ 1,650'; Perform Suicide Squeeze 40 sx Class C f/ 1,750' - 1,650'; tag plug @ 1,700'; still injecting

**4/12/23:** Perf @ 1,750', est. inj: Spot 10 sx Class C 1,867' - 1,750' TOC @ 1,840' via CBL w/ stringers above

**4/12/23:** Spot 60 sx Class C f/ 2,386' - 1,819' Tag plug @ 1,862' Pressure test plug to 500 psi for 15 min; good test

CIBP @ 2,386'

Seven Rivers  
 = 2454-57' (12 holes)  
 = 2463-72' (28 holes) - Frac f/ 2454-2472' w/ 30,000 gals gel & 80,000# 20/40 sand.

**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 213556

**CONDITIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 213556
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
john.harrison	None	5/8/2023