

Well Name: BENSON SHUGART	Well Location: T18S / R30E / SEC 25 / NESE /	County or Parish/State: EDDY / NM
Well Number: 25	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM01375A	Unit or CA Name: BENSON SHUGART WATERFLOOD	Unit or CA Number: NMNM88499X
US Well Number: 300150454200S1	Well Status: Producing Oil Well	Operator: CHEVRON USA INCORPORATED

Subsequent Report

Sundry ID: 2724893

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/19/2023

Time Sundry Submitted: 12:46

Date Operation Actually Began: 03/21/2023

Actual Procedure: See attached Plugging Summary and As Plugged WBD.

SR Attachments

Actual Procedure

Benson_Shugart_WFU__Subsequent_Paperwork_20230409135643.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: APR 09, 2023 01:57 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: 05/12/2023

Signature: James A. Amos



EMC Ops Summary - External

Well Name BENSON SHUGART WFU 025	Field Name SHUGART (YATES-SEVEN RIVERS- QUEEN-GRAYBURG)	Lease LANNING-FEDERAL	Area Central Permian		
Business Unit	County/ Parish	Global Metrics Region	Surface UWI		
Basic Well Data					
Current RKB Elevation 3,570.00, 3/15/2023	Original RKB Elevation (ft) 3,570.00	Latitude (°) 32° 42' 55.8" N	Longitude (°) 103° 55' 10.092" W		
Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
3/14/2023 07:00	3/15/2023 12:00	PREP	FAC		
3/20/2023 13:30	3/20/2023 18:00	MOB	MOVEON	3.75	
3/21/2023 07:00	3/21/2023 14:00	ABAN	TBGPULL	7.00	
3/21/2023 14:00	4/6/2023 17:00	ABAN	CMTPLUG	125.25	2.40
		REST	FAC		
Start Date		Summary			
3/20/2023		Move In, Spot In P&A Equipment, Review JSA, Check PSI, Rig Up P&A Equipment, Wait on Wind, Unable To Cont. NU BOP			
3/21/2023		Check well pressures, ND wellhead, NU BOPs and test same. TIH w/ packer to 64' and test casing to 500 psi for 30 min, good test. TIH w/ open ended tbg to 2,470', tag CIBP. Spot 80 sx Class C f/ 2,470' - 1,680'. TOH above plug, secure WB & SDFN.			
3/22/2023		Review JSA, Check PSI, Perform Bubble Test Per SOP, RU WL, RIH WL, TAG TOC, PU 50ft From TOC, Perforate 5.5, POH WL, PU PKR, TIH PKR, Establish Inj. Rate, Squeeze Cement, WOC , TAG TOC,			
3/23/2023		Review JSA, Check CSG Flow, Cont. to Circulate Well Bore Down 5.5 CSG up through 8 5/8 and outside surface. Oil Present with continued circulation. Will Circulate Oil Clean Up additive in AM			
3/24/2023		Review JSA, Check Flow, TIH PKR to 834, Spot Die Pill, Record bbls out, Spot Chemical to release oil, Record Oil out, LD TBG to 515, Set PKR, Squeeze 40sx Class C Cement , Displace to 700. WOC, Release PKR, TOH LD PKR, PU 4ft Perforated Sub. TIH TBG, TAG TOC @ 713, Notify BLM, BLM Good with PLUG, LD TBG, ND BOP, LOAD CSG, NU B-1 Adapter, PSI TEST CMT plug to 500 PSI, Test GOOD, Bleed OFF PSI, Secure WB, SDFN			
3/29/2023		Safety meeting, unload equipment,R/U WL, tag @ 682', call Kent Caffel w/ BLM and he approved perf and cut casing @ 672', R/D WL and lube, R/D floor, Pull on casing 8K and its free. land casing, SWI.			
3/30/2023		Review JSA, RU CSG Crew, LD CSG, TALLY CSG, Verify Depth of Cut, RU Bit and Scrapper, TIH CSG Crapper, Clean Out circulate Clean with Degreaser, TOH LD CSG Scrapper, Prepare To Perforate 8 5/8, Unable to Perf 8 5/8 Due to High Winds, SION , Depart Location , Perforate in AM			
3/31/2023		Review JSA, Load Hole, Reset PKR, PSI Test CSG from 62-675, PSI Test to 500 PSI, Bleed Off, Release PKR, TOH LD PKR, PU Bit and CSG Srapper, Clean Up CSG Before Cement, Circulate Jet Wash Degreaser , Clean up CSG , TOH LD Bit and Scrapper, PU 8 5/8 PKR, Locate Holes in CSG, Un-able to Locate hole from Surafece to 670, PKR Set @ 670, Establish Injection Rate of 2 bpm @ 150 psi, Displace 10lb of Jet Wash, Chase with 30 bbls Fresh, Squeeze 40sx Class C, Displace to 670, Release PKR, TOH Stand Back PKR, WOC Overnight			
4/1/2023		Review JSA, TIH PKR to 62, Load and Test CSG to 500 PSI, Test Fail, Cont. TIH to 518, Test Cement Plug to 500 PS1x15, Test Good, TOH LD PKR, RU Wire line, RIH WL, Tag COT @ 648, PU Perforate @ 644, POH WL, PU PKR, TIH PKR, Attempt In. Rate, No Rate , Notify BLM Kent Caffal, OK to Perf @ 539, Attempt Inection Rate Squeeze Balanced Plug, Spot 25sx Class C Cement @ 648-549, TOH PKR , RU WL , RIH WL, Perforate @ 539, POH WL, PU PKR, TIH WL, Set PKR @ 518, Establish In. Rate @ 3 bpm @ 250 PSI, Circulate 60 bbls Fresh , cont. to circulate oil behind 8 5/8, TOH PKR, TIH TBG to spot 25sx Class C, TOH TBG to 549, Circulate 40 bbls Fresh, TOH TBG, PU PKR, TIH PKR to 485, Squeeze 30 sx Class C Cement , Release PKR , TOH PKR WOC Overnight			
4/3/2023		Review JSA, PU 8 5/8 PKR, TIH TAG TOC @ 491, TEST CSG, Unable to find Good CSG to Squeeze from 485- Surface, Notify BLM Kent Caffal, BLM OK to Perf @ 491, 400, 300, 200, 100, Spot 170sx Class C cement, Set PKR @ 375, Circulate 250 BBLS Fresh, Clean Out CSG and Open Hole Behind 8 5/8 CSG, Minimal Oil Seen at Surface, Release PKR, SION, Perform Verbal BOP Drill, Perform Debrief, Depart Location , Unable To Perforate Due to High Winds and Dust			
4/4/2023		Review JSA, RU WL, RIH Perforate @ 491, 400, 300, 200, 100, Per BLM request. LD WL, TIH TBG. Spot 170sx Class C, WOC Overnight			
4/5/2023		Review JSA, PU TBG, TAG TOC @ 491, Spot 170 Class C Cement Displace to 60 Ft. WOC, PU TIH To 201, Spot 65sx Class C Cement to Surface, Oil Displacing To Surface after Surface Cement, BLM Kent Caffel on Location, Requested to PU 60 Ft of 2 3/8, Circulate Clean From 60ft-Surface to Clean Out Cement in Event of Drill Out Due to Migrating Oil inside and outside Surface CSG. PU To Joints 2 3/8 TBG to 60 FT. Circulate 250 bbls Fresh. WOC Over Night			
4/6/2023		Review JSA, Check Oil Migration, PU 2 Joints 2 3/8 TBG , RIH Tag TOC, BLM Kent Caffel on location to witness circulation, Circulate Fresh water, Monitor Oil Migration, 50% Less Oil Seen migrating to Surface, Update Engineering, Proposed Plan to use 15.2 Class C Cement to Flush Out Oil Near Surface, Monitor for Oil Migration, If No Oil, LD TBG, IF Oil, Circulate Clean and Repeat Cement Sweep.			

AS PLUGGED WELLBORE DIAGRAM

BENSON SHUGART WATERFLOOD UNIT #25

Shugart (Yates) Field

Eddy County, New Mexico

1650 FSL & 990 FEL, Sec-25, T-18S, R-30E

API# 30-015-04542

Spud Date: 2/4/62

Completion Date: 2/22/62

Base of Fresh Water: 200'

GL Elevation: 3560'

KB Elevation: 3570'

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

Surface Casing

Size: 8 5/8"
 Wt., Grd.: 24#
 Depth: 800'
 Sxs Cmt: 50 sx
 Circulate: Unknown
 TOC: Unknown
 Hole Size: 12"

Production Casing

Size: 5 1/2"
 Wt., Grd.: 15.5#
 Depth: 2,547'
 Sxs Cmt: 100 sx
 Circulate: Unknown
 TOC: 1,750' est
 Hole Size: 8"

Formation	TOP (MD)
Rustler	498'
Salt Top	828'
Salt Bottom	1,824'
Yates	2,120'

4/6/23: Spot 20 sx Class C f/ 60' - 0'

4/5/23: Spot 65 sx Class C f/ 210' - 60'

4/5/23: Spot 170 sx Class C f/ 491' - 60'; tag plug @ 201'

4/4/23: Perf Surface Csg @ 491', 400', 300', 200', 100'

4/1/23: Squeeze 30 sx Class C f/ 539' - 485'

4/1/23: Squeeze 25 sx Class C f/ 648' - 540'

3/31/23: Using packer, discover holes all throughout surface casing
Squeeze 40 sx Class C f/ 675' - 648'

3/30/23: Cut/Pull production csg f/ 675'

3/24/23: Perf @ 878'; squeeze 40 sx Class C f/ 878' - 700'
Tag plug @ 713'3/22/23: Perf @ 1,650', unable to est. inj, receive permission f/ BLM to spot plug
Spot 75 sx Class C f/ 1,700' - 950'; WOC & tag plug @ 936'3/21/23: CIBP @ 2,470', spot 80 sx Class C f/ 2,470' - 1,680'
Tag plug @ 1,700'

Seven Rivers

2513-2523' - Frac w/ 30,000 gals oil & 40,000# 20/40 sand.

PBTD @ 2530'
TD @ 2547'

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 216746

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 216746
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 5/24/23. Well P&A'd 4/6/23	5/24/2023