

Well Name: SOTOL FEDERAL	Well Location: T24S / R31E / SEC 1 / SWNW /	County or Parish/State: EDDY / NM
Well Number: 6	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM69369	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152886400S1	Well Status: Oil Well Shut In	Operator: CHEVRON USA INCORPORATED

Subsequent Report

Sundry ID: 2729262

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 05/04/2023

Time Sundry Submitted: 02:32

Date Operation Actually Began: 04/18/2023

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

SR Attachments

Actual Procedure

Reporting__EMC_Ops_Summary__External__SOTOL_FEDERAL_006__2023_05_04_14.28.58_20230504143156.pdf

As_Plugged_WBD_20230504143144.pdf

ABD 5-1-23

RECLAMATION
DUE 11-1-23

RECLAMATION PROCEDURE
ATTACHED

Accepted for Record Purposes

Date: 5-12-23

J. Amos

Well Name: SOTOL FEDERAL

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SWNW /County or Parish/State: EDDY /
NM

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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: MAY 04, 2023 02:32 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:



EMC Ops Summary - External

Well Name SOTOL FEDERAL 006	Field Name Mesa Verde	Lease SOTOL FEDERAL	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001528864

Basic Well Data

Current RKB Elevation 3,559.00, 9/16/2014	Original RKB Elevation (ft) 3,559.00	Latitude (") 32° 14' 53.34" N	Longitude (") 103° 44' 14.748" W
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Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
3/24/2023 07:00	3/24/2023 12:00	PREP	FAC	5.00	
4/18/2023 07:00	4/18/2023 16:30	MOB	MOVEON	9.50	52.63
4/18/2023 16:30	4/21/2023 13:15	ABAN	TBGPULL	32.25	34.88
4/21/2023 13:15	4/26/2023 16:45	ABAN	CMTPLUG	45.75	
4/26/2023 16:45	4/27/2023 19:45	ABAN	CSGPULL	15.75	
4/27/2023 19:45	5/1/2023 19:00	ABAN	CMTPLUG	25.00	
		REST	FAC		

Start Date	Summary
3/24/2023	Review JSA, check well for pressure on well, 0 PSI on all strings, surface and intermediate had cement in casing. crew installed new risers on well, back filled hole, hot bolted head, removed flow line and moved location.
4/18/2023	Held safety meeting with crew. Begin R/U. Mech failure on rig. Repaired. R/U. Rig guide wire damaged. Repaired. R/U. Install BOP. Test. Success. SDFN.
4/19/2023	Held safety meeting with crew. R/U TBG equip. TIH. Stripper rubber wrong style. BOP failure. Waited on BOP replacement. SDFN
4/20/2023	Held safety meeting with crew. N/U and test BOP. TIH with retrieving tool. Dropped 3 joints. TIH and screw into fish. Released RBP. TOH. R/U Axis WL. RIH. Tools failed. POH. Shut in the well and secured location. SDFN.
4/21/2023	Held safety meeting with crew. R/D Axis WL truck. Tools not getting power. TIH and tagged RBP. CC. Spotted 27 sks of Class C. TOH with all TBG to prep for RCBL.
4/22/2023	Review JSA, RU WL, RUN CBL, TAG TOC @ 5509, BLM Abiy Sisay on Locaiton to Verify TAG, RD WL, Secure Well
4/24/2023	Held safety meeting with crew. TIH and tagged TOC at 5620'. Upgrade with 11 sks class C to 5509'. Spotted MLF to 4579'. TOH to 4580'. Spotted 40 sks of Class C. TOH. WOC.
4/25/2023	Held safety meeting, check pressure. TIH tag TOC at 4148' Pump 45 sacks Cement at 4148'-3692 TOH to 3730'. Reverse out TOH to 2700 WOC TIH tag TOC at 3747 TOH to 3400 RUWL Perf at 3747' RDWL Circulate 8-5/8 clean TOH to 2855 Pump 150 sacks C cement at 3747'-3134 WOC
4/26/2023	Held safety meeting, check pressure. TIH tag TOC at 3095' TOH to 2784' RUWL Perf at 3095' RDWL TOH TIH w/ PKR to 650' Pump 530 sacks C cement at 3095'-930' WOC TIH tag TOC at 906' TOH RUWL Cut casing at 906 ND BOP NU WH
4/27/2023	Held safety meeting, check pressure. ND WH NU BOP TIH w/ 5-1/2 casing
4/28/2023	Held safety meeting, check pressure. TIH w/ scraper to 905 circulate clean TOH
4/29/2023	Held safety meeting, check pressure. RUWL RIH CBL 905'-0' with and without pressure. Discussed results with Mark
5/1/2023	JSA held safety meeting, Review SOP, Review tenet 1, Hazard hunt, Opsi on intermediate, Opsi surface casing, Waiting on BLM, Talk to Mark Torres & Zota Stevens, RU wire-line, Perforate @890', POH, EIR of 1.6 BPM @700psi, Talk to Mark Torres & Zota Stevens, TIH tag @906', Pump 306 sx class C From 905'-0', (256 sx to surface, TOH, Squeezed 50 sx), CIW WOC, RD equipment, Debrief.

AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad East
 LEASE/UNIT: SOTOL FED
 WELL NO.: 6
 COUNTY: Eddy ST: New Mexico
 LOCATION: 1980' FNL & 660' FWL, Sec. 1, T-24S, R-31E

API NO.: 30-015-28864
 CHEVNO:
 PROD FORMATION:
 STATUS: SI Oil Well

Spud Date: 4/9/1996
 TD Date: 4/22/1996
 Comp Date: 5/18/1996
 GL: 3,541'
 KB: 3,559'

Base of Fresh Water: 350'

R11P/SOPA: Yes

Surface Casing

Size: 11-3/4"
 Wt., Grd.: 42#
 Depth: 580'
 Sxs Cmt: 440 sx
 Circulate: Yes, 160 sx
 TOC: Surf
 Hole Size: 14-3/4"

CBL on 8-5/8" showed stringers from 906' to surface on 4/29/23

5/1/23: Perf @ 890' unable to inject any fluid
 Spot 306 sx f/ 906' - 0'

4/27/23: Cut/Pull 5-1/2" csg f/ 906'

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 23#
 Depth: 4,466'
 Sxs Cmt: 1300 sx
 Circulate: No
 TOC: Surf
 Hole Size: 11"

4/26/23: Perf @ 3,095', circ 530 sx Class C f/ 3,095' - 930'
 Tag cement @ 906'

4/25/23: Perf @ 3,747', circ 150 sx f/ 3,747' - 3,134'
 Tag cement @ 3,095'

Production Casing

Size: 5-1/2"
 Wt., Grd.: 15.5#/17#
 Depth: 8,615'
 DV Tool: 6,471'
 Sxs Cmt: 1375 sx
 Circulate: No
 TOC: 3,750' via CBL
 Hole Size: 7-7/8"

TOC @ 3,750' via CBL on 4/22/23

4/25/23: Spot 45 sx Class C f/ 4,148' - 3,692'
 Tag cement @ 3,747'

4/24/23: Spot 40 sx Class C f/ 4,580' - 4,184'
 Tag cement @ 4,148'

4/24/23: Spot 11 sx Class C f/ 5,620' - 5,509'

4/21/23: Tag RBP, spot 27 sx Class C f/ 5,775' - 5,509'
 Tag cement @ 5,620'

RBP set @ 5,810' WLM

Formation	Top (MD)
Rustler	800'
Salt Top	1,120'
Salt Bottom	4,301'
Delaware MG	4,529'
Bone Spring	8,373'

5,964' - 5,978'

5,995' - 6,002'

DV Tool @ 6,471'

7,107' - 7,128'

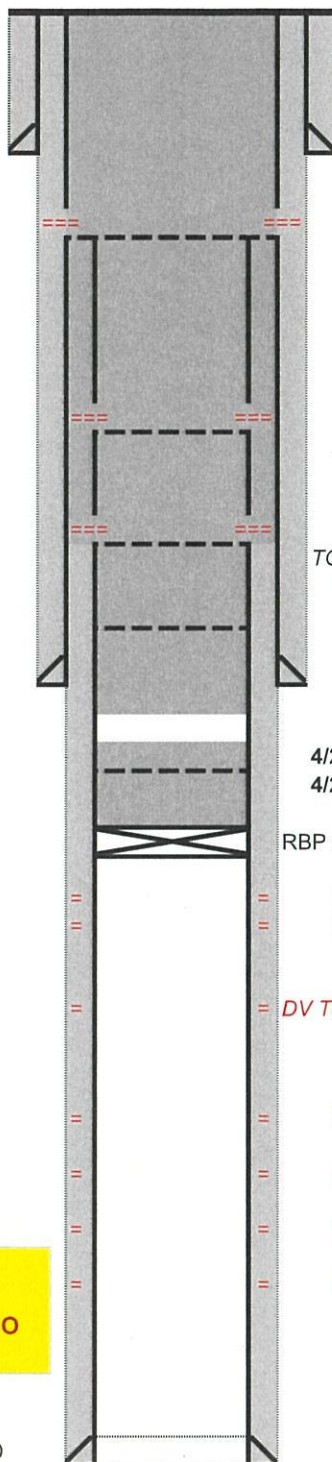
8,025' - 8,055'

8,160' - 8,184'

8,320' - 8,360'

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

8,615' TD





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines **(Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads.** Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
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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
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District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 216759

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 216759
	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 5/1/23	5/24/2023