



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

Sundry Print Report

02/02/2023

OPERATOR'S COPY

<b>Well Name:</b> FEDERAL 12	<b>Well Location:</b> T22S / R31E / SEC 12 / SWSW / 32.40573 / -103.737912	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 1	<b>Type of Well:</b> INJECTION - ENHANCED RECOVERY	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM29233	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001526742	<b>Well Status:</b> Abandoned	<b>Operator:</b> OXY USA INCORPORATED

Accepted for record – NMOCD gc3/10/2023

### Subsequent Report

**Sundry ID:** 2713266

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 01/31/2023

**Time Sundry Submitted:** 08:07

**Date Operation Actually Began:** 12/08/2022

**Actual Procedure:** Please see the attached Final Plugging Report and Final Plugged Wellbore Schematic. Well is now plugged.

### SR Attachments

#### Actual Procedure

Federal\_12\_001\_Final\_Wellbore\_Diagram\_PA\_20230131080705.pdf

Federal\_12\_001\_Final\_PA\_Report\_20230131080655.pdf

RECLAMATION  
DUE 7-13-23

RECLAMATION PROCEDURE  
ATTACHED

<b>Well Name:</b> FEDERAL 12	<b>Well Location:</b> T22S / R31E / SEC 12 / SWSW / 32.40573 / -103.737912	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 1	<b>Type of Well:</b> INJECTION - ENHANCED RECOVERY	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM29233	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001526742	<b>Well Status:</b> Abandoned	<b>Operator:</b> OXY 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:** SARAH MCKINNEY

**Signed on:** JAN 31, 2023 08:07 AM

**Name:** OXY USA INCORPORATED

**Title:** Regulatory Analyst Sr

**Street Address:** 5 GREENWAY PLAZA SUITE 110

**City:** HOUSTON

**State:** TX

**Phone:** (713) 215-7295

**Email address:** SARAH\_MCKINNEY@OXY.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:** 02/02/2023

**Signature:** James A. Amos

Final Wellbore Diagram 1/19/2023

# Federal 12 - 001 SWD

30-015-26742-0000

Eddy County NM

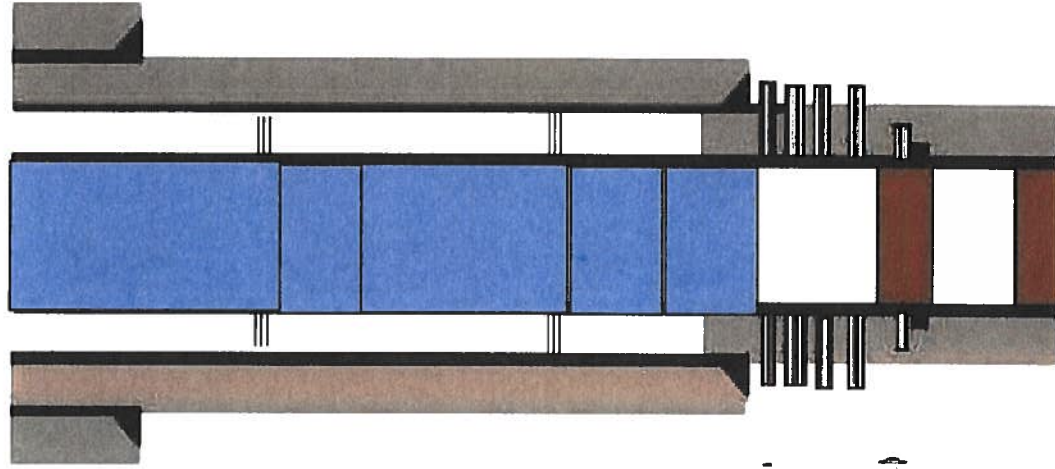
String 1  
OD: 13.375 in.  
TD: 828 ft  
TOC: Surface - Circ. 950 sx

String 2  
OD: 8.625 in  
TD 4325 ft  
TOC: Surface - Circ. 1900 sx

Perfs @ 4672'-4962'  
(2014)

Perfs @ 5745' (2014)

DV Tool  
Top 6197 ft



perf @ 1915' - squeeze 500  
sx class C cmt from 1920' - 0'  
Cement to Surface.

perf'd several squeeze holes  
with no rate established.  
Dump 25 sx class C cmt from  
2180' - 1920'(tag). See Job  
report day 12/19/22

perf @ 4360' - squeeze  
540sx class C cmt from 4360'  
- 2180' (tag).

Pumped 25 sx class C  
cement from 4610' -4360'  
(Tag)

Pumped a total of 130 sx  
class C cement from 4672' -  
4610' (Tag)

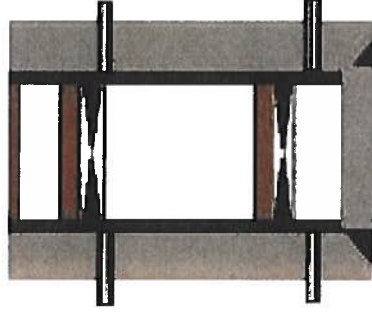
**CR @ 5724' w/ 25 sx to 5742' Tagged  
(2014)**

**25 sx @ 6260'-6004' Tagged (2014)**

Perfs @ 7042'-7074'  
(1996)

Perfs @ 8270'-8336'  
(1994)

String 3  
OD 5.5 in  
TD 8439 ft  
TOC: 4470'-CBL (2014)



PBTD 8439 ft

CIBP @ 6995' w/ 30 sx to 6638'  
Tagged (2014)

CIBP @ 8220 w/ 30sx to  
7948' (2014)

## Federal 12 001 - P&amp;A Report

Start Date	Remarks
12/8/2022	DROVE CREW TO NBR 1 SWD
12/9/2022	EQUIP PRE-TRIP INSPECTION
12/9/2022	DROVE KEY 6003, P&A ASSOCIATED EQUIP FROM NBR 1 TO FEDERAL 12-001
12/9/2022	SPOT IN AND RU KEY 6003, CMT PUMP LINES, FLOWBACK LINES, FRAC TANKS, PIPE RACKS
12/9/2022	TBG 350 PSI
12/9/2022	CSG 100 PSI
12/9/2022	BLEED OFF PRESSURE TO FLOWBACK TANK , PRESSURE WENT DOWN TO 60 PSI , RECOVERING 60 BBLS .
12/9/2022	SECURED WELL / SION.
12/9/2022	DROVE CREW BACK TO YARD
12/12/2022	DROVE CREW TO LOCATION
12/12/2022	TGSM W CREW MEMBERS
12/12/2022	TBG 60 PSI /
12/12/2022	CSG 0 PSI /
12/12/2022	CHANGED TBG EQUIP SIZE 2 3/8 X 2 7/8 /
12/12/2022	BLEED OFF PRESSURE TO FLOWBACK TANK
12/12/2022	PUMPED 100 BBLS 10# DOWN TBG @ 1.5-2 BPM W 700 PSI , SIP @ 200 PSI , PRESSURED UP FORMATION /
	CONTACTED BLM KEITH IMMATTY, GOT APPROVAL TO PUMP CMT UNDER PKR , PUMPED 40 SX CLASS 'C' CMT @ 4672' (TOP PERFS) 14.8#, 1.32 YIELD, 6 MIX, 9.42 SLURRY, DISPLACED TO 4650' W 27.6 BBLS / ISIP 300 PSI , WASH
12/12/2022	OVER EQUIP /
12/12/2022	SECURED WELL / SION .
12/12/2022	DROVE CREW BACK TO YARD
12/13/2022	DROVE CREW TO LOCATION
12/13/2022	TGSM W CREW MEMBERS
12/13/2022	TBG 180 PSI
12/13/2022	5.5 CSG 0 PSI - 8 5/8 0 PSI - 13 3/8 0 PSI
12/13/2022	STILL FLOWING / INJECTION RATE @ 1 BPM W 500 PSI/
	PUMPED 40 SX CLASS 'C' CMT @ 4672' (TOP PERFS) 14.8#, 1.32 YIELD, 6 MIX, 9.42 SLURRY, DISPLACED TO 4650' W
12/13/2022	27.6 BBLS /ISIP 400 PSI , WASH OVER EQUIP /
12/13/2022	WOC/
12/13/2022	TBG 140 PSI , STILL FLOWING
12/13/2022	INJECTION RATE @ .5 BPM W 1100 PSI /
	PER BLM OPEN WELL AND BLEED OFF TO FLOWBACK TANK , RECOVERING 20 BBLS / CONTACTED OXY ENGINEER
12/13/2022	AND MANAGEMENT , REQUESTED BLM APPROVAL TO UTILIZE PKR AS A BOTTOM PLUG (PENDING APPROVAL)
12/13/2022	SECURED WELL / SION
12/13/2022	DROVE CREW BACK TO YARD
12/14/2022	DROVE CREW TO LOCATION
12/14/2022	TGSM W CREW MEMBERS
12/14/2022	TBG 140 PSI , STILL FLOWING
12/14/2022	5.5 CSG 0 PSI / 8 5/8 0 PSI / 13 3/8 0 PSI
12/14/2022	PER BLM , CONTINUED TO FLOWBACK WELL RECOVERING 30 BBLS ,
12/14/2022	SECURED WELL / SION
12/14/2022	DROVE CREW BACK TO YARD
12/15/2022	DROVE CREW TO LOCATION
12/15/2022	TGSM W CREW MEMBERS
12/15/2022	TBG 100 PSI
12/15/2022	5.5 CSG 0 PSI / 8 5/8 0 PSI / 13 3/8 0 PSI
12/15/2022	CONTINUED FLOWING BACK WHILE CONTACT BLM
	PUMPED 50 SX CLASS 'C' CMT , 14.8#, 1.32 YIELD, 7.5 MIX, 11.78 SLURRY, PLANNED DISPLACEMENT 27.5 BBLS,
12/15/2022	WHILE PUMPING DISPLACEMENT 11 BBLS IT PRESSURED UP TO 2000 PSI , NOTIFIED MANAGEMENT /
12/15/2022	ND 7 1/16 PROD TREE /



12/15/2022 NU 7 1/16 5K HYD BOP /  
 12/15/2022 RU RIG WORK FLOOR, SAFETY AUX EQUIP /  
 12/15/2022 ABLE TO UNJAY ON/OFF TOOL , ATTEMPTED TO REVERSE OUT CMT , IT PRESSURED UP /  
 12/15/2022 LUNCH  
 12/15/2022 LD 142 JTS 2 7/8 L-80 TBG ON RACKS (27 PLUGGED) , 3.5 ON/OFF TOOL /  
 12/15/2022 CHANGED TBG SIZE EQUIP 2 7/8 X 2 3/8 /  
 12/15/2022 SECURED WELL / SION.  
 12/15/2022 DROV CREW BACK TO YARD /

12/16/2022 DROVE CREW TO LOCATION  
 12/16/2022 TGSM W CREW MEMBERS  
 12/16/2022 CSG 0 PSI  
 12/16/2022 REMOVED PROD TBG OFF RACKS AND SPOT IN TBG WORKSTRING / TBG TALLY /  
 12/16/2022 RIH W 140 JTS 2 3/8 TBG , TAG TOC @ 4610' /  
 12/16/2022 CIRC CLEAN WELLBORE W 100 BBLs 10#, SALT GEL /

12/16/2022 SPOT 25 SX CLASS 'C' CMT @ 4610' , 14.8#, 1.32 YIELD, 3.75 MIX, 5.89 SLURRY , DISP TO 4363' W 16.8 BBLs /  
 12/16/2022 WOC /

12/16/2022 RIH TO TAG TOC @ 4360' /  
 12/16/2022 POOH W 107 JTS 2 3/8 TBG /  
 12/16/2022 SECURED WELL / SION  
 12/16/2022 DROVE CREW BACK TO YARD

12/17/2022 DROVE CREW TO LOCATION  
 12/17/2022 TGSM W CREW MEMBERS  
 12/17/2022 TBG 0 PSI /  
 12/17/2022 CSG 0 PSI /  
 12/17/2022 POOH W 35 JTS 2 3/8 TBG

RU WL TO PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION , SHOT SQUEEZE HOLES  
 12/17/2022 @ 4360' , RD WL /  
 12/17/2022 RIH W AD-1 PKR , FOLLOWED BY 58 JTS 2 3/8 TBG , SET PKR @ 1905' /  
 12/17/2022 INJECTION RATE @ 3 BPM W 300 PSI /  
 SQZ 540 SX CLASS 'C' CMT @ 4360' , 14.8#, 1.32 YIELD, 81 MIX, 106 SLURRY, DISP TO 2200' W 14.4 BBLs / ISIP 0 PSI /  
 12/17/2022 WASH OVER EQUIP /  
 12/17/2022 SECURED WELL / SION .  
 12/17/2022 DROVE CREW BACK TO YARD .

12/18/2022 DROVE CREW TO LOCATION  
 12/19/2022 TGSM W CREW MEMBERS  
 12/19/2022 TBG 0 PSI /  
 12/19/2022 CSG 0 PSI /  
 12/19/2022 RIH TO TAG TOC @ 2180' /  
 12/19/2022 LD 67 JTS 2 3/8 TBG /

RU WL TO PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION , SHOT SQUEEZE HOLES  
 @ 2180' , HOLDING 1500 PSI , NOTIFIED BLM (ZOTA STEVENS) DECIDED TO PERF @ 2130' W NO RATE , PERF @  
 12/19/2022 2080' W NO RATE , PERF @ 2030' NO RATE /  
 12/19/2022 SPOT 25 SX CLASS 'C' CMT @ 2180' , 14.8#, 1.32 YIELD, 3.75 MIX, 5.89 SLURRY, DISP TO 1933' /  
 12/19/2022 LD 9 JTS , STOOD BACK 28 JTS 2 3/8 TBG /  
 12/19/2022 SECURED WELL / SION .  
 12/19/2022 DROVE CREW BACK TO YARD

12/20/2022 DROVE CREW TO LOCATION  
 12/20/2022 TGSM W CREW MEMBERS  
 12/20/2022 TBG 0 PSI  
 12/20/2022 CSG 0 PSI

12/20/2022 RIH TO TAG TOC @ 1920' W 60 JTS 2 3/8 TBG , LD 1 JT AND NOTIFIED BLM (ZOTA STEVENS)  
 RU WL TO PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION , SHOT SQUEEZE HOLES  
 12/20/2022 @ 1915' RD WL

12/20/2022 INJECTION RATE @ 3 BPM W 300 PSI , COMMUNICATED W ANNULUS

12/20/2022 LD 59 JTS 2 3/8 TBG ON RACKS

12/20/2022 RD WORK FLOOR, ND 7 1/16 5K HYD BOP

12/20/2022 NU 7 1/16 P&A FLANGE

SQZ 500 SX CLASS 'C' CMT @ 1915' , 14.8#, 1.32 YIELD, 75 MIX, 117.85 SLURRY , DISP TO SURFACE, WASH OVER

12/20/2022 EQUIP

RD KEY 6003, CMT PUMP LINES, FRAC TANKS, WIRELINE EQUIP, FLOWBACK LINES, READY TO MOVE TO CAL-MON

12/20/2022 010.

12/20/2022 DROVE CREW BACK TO YARD

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  
575-234-2229





# 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

## Federal 12 001 - P&amp;A Report

Start Date	Remarks
12/8/2022	DROVE CREW TO NBR 1 SWD
12/9/2022	EQUIP PRE-TRIP INSPECTION
12/9/2022	DROVE KEY 6003, P&A ASSOCIATED EQUIP FROM NBR 1 TO FEDERAL 12-001
12/9/2022	SPOT IN AND RU KEY 6003, CMT PUMP LINES, FLOWBACK LINES, FRAC TANKS, PIPE RACKS
12/9/2022	TBG 350 PSI
12/9/2022	CSG 100 PSI
12/9/2022	BLEED OFF PRESSURE TO FLOWBACK TANK , PRESSURE WENT DOWN TO 60 PSI , RECOVERING 60 BBLS .
12/9/2022	SECURED WELL / SION.
12/9/2022	DROVE CREW BACK TO YARD
12/12/2022	DROVE CREW TO LOCATION
12/12/2022	TGSM W CREW MEMBERS
12/12/2022	TBG 60 PSI /
12/12/2022	CSG 0 PSI /
12/12/2022	CHANGED TBG EQUIP SIZE 2 3/8 X 2 7/8 /
12/12/2022	BLEED OFF PRESSURE TO FLOWBACK TANK
12/12/2022	PUMPED 100 BBLS 10# DOWN TBG @ 1.5-2 BPM W 700 PSI , SIP @ 200 PSI , PRESSURED UP FORMATION /
	CONTACTED BLM KEITH IMMATTY, GOT APPROVAL TO PUMP CMT UNDER PKR , PUMPED 40 SX CLASS 'C' CMT @ 4672' (TOP PERFS) 14.8#, 1.32 YIELD, 6 MIX,9.42 SLURRY, DISPLACED TO 4650' W 27.6 BBLS / ISIP 300 PSI , WASH
12/12/2022	OVER EQUIP /
12/12/2022	SECURED WELL / SION .
12/12/2022	DROVE CREW BACK TO YARD
12/13/2022	DROVE CREW TO LOCATION
12/13/2022	TGSM W CREW MEMBERS
12/13/2022	TBG 180 PSI
12/13/2022	5.5 CSG 0 PSI - 8 5/8 0 PSI - 13 3/8 0 PSI
12/13/2022	STILL FLOWING / INJECTION RATE @ 1 BPM W 500 PSI/
	PUMPED 40 SX CLASS 'C' CMT @ 4672' (TOP PERFS) 14.8#, 1.32 YIELD, 6 MIX,9.42 SLURRY, DISPLACED TO 4650' W
12/13/2022	27.6 BBLS /ISIP 400 PSI , WASH OVER EQUIP /
12/13/2022	WOC/
12/13/2022	TBG 140 PSI , STILL FLOWING
12/13/2022	INJECTION RATE @ .5 BPM W 1100 PSI /
	PER BLM OPEN WELL AND BLEED OFF TO FLOWBACK TANK , RECOVERING 20 BBLS / CONTACTED OXY ENGINEER
12/13/2022	AND MANAGEMENT , REQUESTED BLM APPROVAL TO UTILIZE PKR AS A BOTTOM PLUG (PENDING APPROVAL)
12/13/2022	SECURED WELL / SION
12/13/2022	DROVE CREW BACK TO YARD
12/14/2022	DROVE CREW TO LOCATION
12/14/2022	TGSM W CREW MEMBERS
12/14/2022	TBG 140 PSI , STILL FLOWING
12/14/2022	5.5 CSG 0 PSI / 8 5/8 0 PSI / 13 3/8 0 PSI
12/14/2022	PER BLM , CONTINUED TO FLOWBACK WELL RECOVERING 30 BBLS ,
12/14/2022	SECURED WELL / SION
12/14/2022	DROVE CREW BACK TO YARD
12/15/2022	DROVE CREW TO LOCATION
12/15/2022	TGSM W CREW MEMBERS
12/15/2022	TBG 100 PSI
12/15/2022	5.5 CSG 0 PSI / 8 5/8 0 PSI / 13 3/8 0 PSI
12/15/2022	CONTINUED FLOWING BACK WHILE CONTACT BLM
	PUMPED 50 SX CLASS 'C' CMT , 14.8#, 1.32 YIELD, 7.5 MIX, 11.78 SLURRY, PLANNED DISPLACEMENT 27.5 BBLS,
12/15/2022	WHILE PUMPING DISPLACEMENT 11 BBLS IT PRESSURED UP TO 2000 PSI , NOTIFIED MANAGEMENT /
12/15/2022	ND 7 1/16 PROD TREE /

12/15/2022 NU 7 1/16 5K HYD BOP /  
 12/15/2022 RU RIG WORK FLOOR, SAFETY AUX EQUIP /  
 12/15/2022 ABLE TO UNJAY ON/OFF TOOL , ATTEMPTED TO REVERSE OUT CMT , IT PRESSURED UP /  
 12/15/2022 LUNCH  
 12/15/2022 LD 142 JTS 2 7/8 L-80 TBG ON RACKS (27 PLUGGED) , 3.5 ON/OFF TOOL /  
 12/15/2022 CHANGED TBG SIZE EQUIP 2 7/8 X 2 3/8 /  
 12/15/2022 SECURED WELL / SION.  
 12/15/2022 DROV CREW BACK TO YARD /  


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 12/16/2022 DROVE CREW TO LOCATION  
 12/16/2022 TGSM W CREW MEMBERS  
 12/16/2022 CSG 0 PSI  
 12/16/2022 REMOVED PROD TBG OFF RACKS AND SPOT IN TBG WORKSTRING / TBG TALLY /  
 12/16/2022 RIH W 140 JTS 2 3/8 TBG , TAG TOC @ 4610' /  
 12/16/2022 CIRC CLEAN WELLBORE W 100 BBLs 10#, SALT GEL /  


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 12/16/2022 SPOT 25 SX CLASS 'C' CMT @ 4610' , 14.8#, 1.32 YIELD, 3.75 MIX, 5.89 SLURRY , DISP TO 4363' W 16.8 BBLs /  
 12/16/2022 WOC /  
 12/16/2022 RIH TO TAG TOC @ 4360' /  
 12/16/2022 POOH W 107 JTS 2 3/8 TBG /  
 12/16/2022 SECURED WELL / SION  
 12/16/2022 DROVE CREW BACK TO YARD  


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 12/17/2022 DROVE CREW TO LOCATION  
 12/17/2022 TGSM W CREW MEMBERS  
 12/17/2022 TBG 0 PSI /  
 12/17/2022 CSG 0 PSI /  
 12/17/2022 POOH W 35 JTS 2 3/8 TBG  
 12/17/2022 RU WL TO PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION , SHOT SQUEEZE HOLES @ 4360' , RD WL /  
 12/17/2022 RIH W AD-1 PKR , FOLLOWED BY 58 JTS 2 3/8 TBG , SET PKR @ 1905' /  
 12/17/2022 INJECTION RATE @ 3 BPM W 300 PSI /  
 12/17/2022 SQZ 540 SX CLASS 'C' CMT @ 4360' , 14.8#, 1.32 YIELD, 81 MIX, 106 SLURRY, DISP TO 2200' W 14.4 BBLs / ISIP 0 PSI /  
 12/17/2022 WASH OVER EQUIP /  
 12/17/2022 SECURED WELL / SION .  
 12/17/2022 DROVE CREW BACK TO YARD .  


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 12/18/2022 DROVE CREW TO LOCATION  
 12/19/2022 TGSM W CREW MEMBERS  
 12/19/2022 TBG 0 PSI /  
 12/19/2022 CSG 0 PSI /  
 12/19/2022 RIH TO TAG TOC @ 2180' /  
 12/19/2022 LD 67 JTS 2 3/8 TBG /  
 12/19/2022 RU WL TO PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION , SHOT SQUEEZE HOLES @ 2180' , HOLDING 1500 PSI , NOTIFIED BLM (ZOTA STEVENS) DECIDED TO PERF @ 2130' W NO RATE , PERF @ 2080' W NO RATE , PERF @ 2030' NO RATE /  
 12/19/2022 SPOT 25 SX CLASS 'C' CMT @ 2180' , 14.8#, 1.32 YIELD, 3.75 MIX, 5.89 SLURRY, DISP TO 1933' /  
 12/19/2022 LD 9 JTS , STOOD BACK 28 JTS 2 3/8 TBG /  
 12/19/2022 SECURED WELL / SION .  
 12/19/2022 DROVE CREW BACK TO YARD  


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 12/20/2022 DROVE CREW TO LOCATION  
 12/20/2022 TGSM W CREW MEMBERS  
 12/20/2022 TBG 0 PSI  
 12/20/2022 CSG 0 PSI  
 12/20/2022 RIH TO TAG TOC @ 1920' W 60 JTS 2 3/8 TBG , LD 1 JT AND NOTIFIED BLM (ZOTA STEVENS)  
 12/20/2022 RU WL TO PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION , SHOT SQUEEZE HOLES @ 1915' RD WL

12/20/2022 INJECTION RATE @ 3 BPM W 300 PSI , COMMUNICATED W ANNULUS

12/20/2022 LD 59 JTS 2 3/8 TBG ON RACKS

12/20/2022 RD WORK FLOOR, ND 7 1/16 5K HYD BOP

12/20/2022 NU 7 1/16 P&A FLANGE

SQZ 500 SX CLASS 'C' CMT @ 1915' , 14.8#, 1.32 YIELD, 75 MIX, 117.85 SLURRY , DISP TO SURFACE, WASH OVER

12/20/2022 EQUIP

RD KEY 6003, CMT PUMP LINES, FRAC TANKS, WIRELINE EQUIP, FLOWBACK LINES, READY TO MOVE TO CAL-MON

12/20/2022 010.

12/20/2022 DROVE CREW BACK TO YARD

Final Wellbore Diagram 1/19/2023

**Federal 12 - 001 SWD**

30-015-26742-0000

Eddy County NM

String 1

OD: 13.375 in.

TD: 828 ft

TOC: Surface - Circ. 950 sx

String 2

OD: 8.625 in

TD 4325 ft

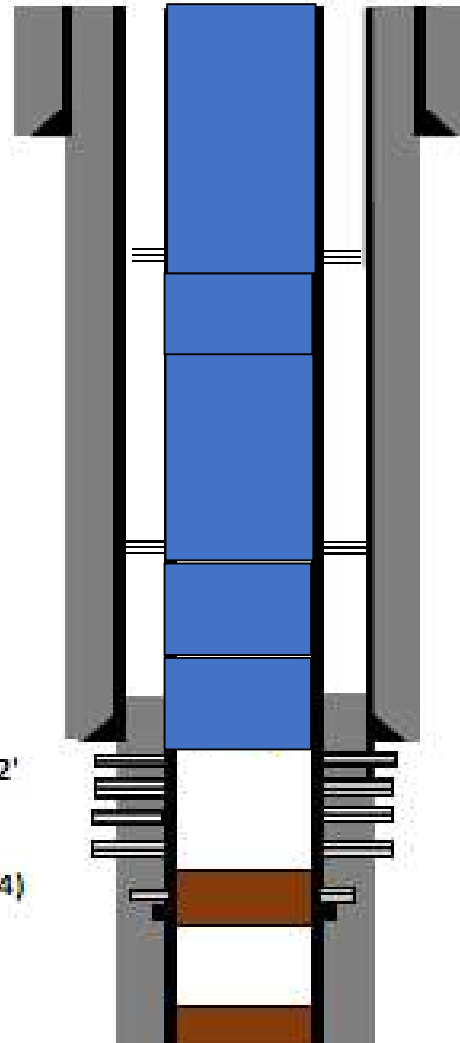
TOC: Surface - Circ. 1900 sx

Perfs @ 4672'-4962'  
(2014)

Perfs @ 5745' (2014)

DV Tool

Top 6197 ft

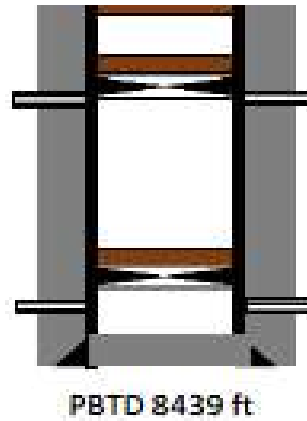
perf @ 1915' - squeeze 500  
sx class C cmt from 1920' - 0'  
Cement to Surface.perf'd several squeeze holes  
with no rate established.  
Dump 25 sx class C cmt from  
2180' - 1920'(tag). See Job  
report day 12/19/22perf @ 4360' - squeeze  
540sx class C cmt from 4360'  
- 2180' (tag).Pumped 25 sx class C  
cement from 4610' -4360'  
(Tag)Pumped a total of 130 sx  
class C cement from 4672' -  
4610' (Tag)CR @ 5724' w/ 25 sx to 5742' Tagged  
(2014)

25 sx @ 6260'-6004' Tagged (2014)

String 3  
OD 5.5 in  
TD 8439 ft  
TOC: 4470' -CBL (2014)

Perfs @ 7042'-7074'  
(1996)

Perfs @ 8270'-8336'  
(1994)



CIBP @ 6995' w/ 30 sx to 6638'  
Tagged (2014)

CIBP @ 8220 w/ 30sx to  
7948' (2014)



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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 186642

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 186642
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	3/10/2023