

OPERATOR'S COPY

Well Name: DIAGA 18 FED	Well Location: T24S / R32E / SEC 18 / NESW /	County or Parish/State: LEA / NM
Well Number: 01	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM66925	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002533626	Well Status: Abandoned	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2713748

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/02/2023

Time Sundry Submitted: 09:08

Date Operation Actually Began: 01/17/2023

Actual Procedure: Please see the attached final Plugging Report, and the Final Plugged wellbore diagram. Well is now plugged.

SR Attachments

Actual Procedure

Diaga_18_Federal_001___Final_Wellbore_Diagram_20230202090743.pdf

Diaga_18_Federal_001___Final_PA_Report_20230202090735.pdf

RECLAMATION PROCEDURE ATTACHED

RECLAMATION DUE 7-25-23

Accepted for record – NMOCD

JRH

04/14/2023

Well Name: DIAGA 18 FED	Well Location: T24S / R32E / SEC 18 / NESW /	County or Parish/State: LEA / NM
Well Number: 01	Type of Well: OIL WELL	Allottee or Tribe Name:
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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: SARAH MCKINNEY **Signed on:** FEB 02, 2023 09:07 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:** 02/09/2023

Signature: James A. Amos

Final Wellbore Diagram 2/2/2023

Diaga 18 Fed Com #1
API No. 30-025-33626

perf @ 680' - squeeze 135 sx class C cmt from 680' - 0', Top of with 15 sx at surface. (Verified Cement to Surface).

perf @ 1163' - squeeze 25 sx class C cmt from 1163' - 1020' (tag).

perf @ 4600' - squeeze 40 sx class C cmt from 4600' - 4380' (tag).

Balanced Plug, Pumped 60 sx class C cement from 5568' -4660' (Tag)

Set CIBP @ 6790'. Pumped 25 sx class H cement from 6775' -6460' (Tag)

Perfs: 7236', 7239', 7255-58', 7053-54, 7059, 6997-98', 6873', 6680', 6823-40' @ 2spf, acid (Sept-'97)

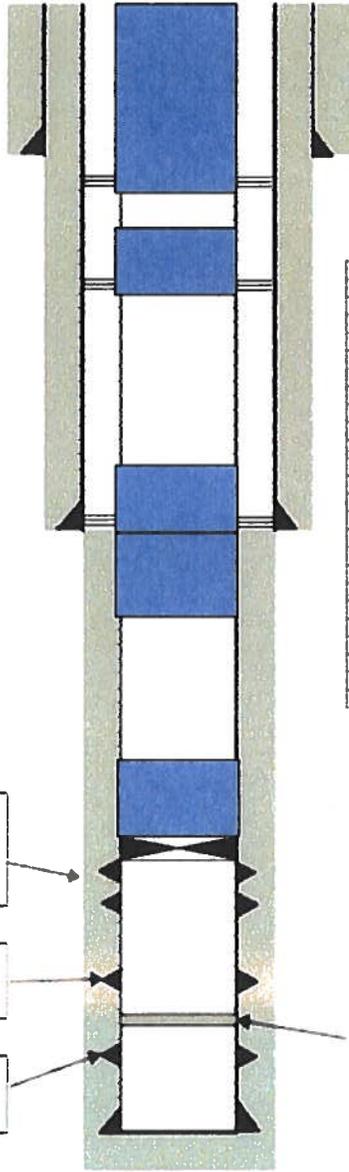
Perfs: 8300-38', 7860-88 @ 2 spf, acid (Mar '97)

Perfs: 8590-8600' 2 spf, acid+frac (Dec-'96)

Casing Detail					
Size (in)	Weight (lb/ft)	Grade	Depth (ft)	CWI (ss)	TOC (ft)
10.75	40.5		630	600	Surf
7.625	26.4		4507	950	Surf
4.5	11.6		8720	635	4650

Tubing Detail					
Description	Qty	Length (ft)	Top (ft)	Bottom (ft)	Comments
2-3/8" N80 4.7# T&C	267	8373.12	14	8387.12	
2-3/8" Cup Seat Nipple	1	1.1	8387.12	8388.22	
2-3/8" Slotted Cup Seat Nipple	1	1.1	8388.22	8389.32	
4.5" Tubing Anchor	1	1	8389.32	8392.32	
2-3/8" Mud Anchor	1	30.4	8392.32	8422.72	
2-3/8" Bull Plug	1	67.35	8423.22	8490.57	

Rod Detail					
Description	Qty	Length (ft)	Top (ft)	Bottom (ft)	Comments
1-1/4" C Polish Rod Uner	1	26	14	40	
Rod Sub	1	4	50	44	
7/8" DK25 Rod	1	25	44	69	
1" FG x 37.5' Rod	112	4950	69	5019	
7/8" DK25 Rod	113	1325	5019	6344	
1" Shear Tool	1	1	6344	6345	
7/8" D+25' Rod	1	25	6345	6370	
7/8" Rod Sub	1	2	6370	6372	
20-125-PMBC-20-0 1-1/4" Insert Pump	1	20	6372	6392	
1" Strainer Nipple	1	3	6392	6395	



TD: 8720 MD
PBTD: 8676 MD

CIBP pushed from 8200' to 8500' (Aug-'00)

Diaga 18 Federal 001 - Final P&A Report

Start Date Remarks

1/17/2023 CREW TRAVEL TO LOCATION

1/17/2023 DROVE PULLING UNIT & P&A PUMP ASSOCIATED EQUIPMENT FROM THE CAL-MON 018 TO THE DIAGA 18 FEDERAL 001 HPJSM WITH ALL PERSONAL ON LOCATION DISCUSS STOP WORK AUTHORITY GOOD COMMUNICATION AT ALL TIME SUSPENDED LOADS ONE TASK AT A TIME PINCH POINTS HAND PLACEMENT UPDATE JSA AS TASK CHANGES, MIRU PU & P&A

1/17/2023 ASSOCIATED EQUIPMENT SET CATWALK & PIPE RACKS LOAD WORK STRING TUBING,

1/17/2023 CHECK PSI ON WELL TBG = 0 PSI, CSG = 0 PSI, DIG OUT CELLAR INTER CSG = 0 PSI, SURF CSG = 0 PSI

1/17/2023 UNHANG WELL LAY DOWN PUMPING UNIT HEAD

1/17/2023 RU CEMENT PUMP ON TUBING LOAD WELL WITH 2 BBLS PRESSURE TEST TUBING TO 1500 PSI WITH A GOOD TEST, PICK UP ON POLISH ROD, RODS STRING WEIGHT = 8 PTS JAR ON ROD PUMP COUPLE OF TIMES GOT PUMP UNSEATED, LAY

1/17/2023 DOWN 1.25" X 26' SPRAY METAL POLISH ROD

1/17/2023 RU WORK FLOOR AND ROD HANDLING TOOLS, SET UP SAFETY EQUIPMENT, CENTER & LEVEL RIG OVER HOLE POOH LAY DOWN 94 - 1" FIBER GLASS RODS 133 - 7/8" (D) SUCKER RODS 1 - 7/8" SHEER TOOL 2 - 7/8" (D) SUCKER RODS 4' X

1/17/2023 7/8" STABILIZER SUB & 20-125-20 ROD PUMP

1/17/2023 SECURE WELL SDFN

1/17/2023 CREW TRAVEL BACK HOME

1/18/2023 CREW TRAVEL TO LOCATION

1/18/2023 HTGSM W/ ALL PERSONAL ON LOCATION

1/18/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL

1/18/2023 PUMP 50 BBLS OF 10# BRINE WATER DOWN CASING FOR WELL CONTROL

1/18/2023 FUNCTION TEST BOP WITH A GOOD TEST
ND 3K X 7-1/16" WH, NOTE: TOOK MORE TIME THAN USUAL TO BREAK NUTS FROM WELL HEAD, ALSO WE HAD TO HAMMER

1/18/2023 BOLTS OUT DUE TO RUSTED BOLTS

1/18/2023 NU 5K HYD BOP W/ 5K 2-3/8" PIPE RAMS ON TOP AND 5K BLINDS ON BOTTOM

1/18/2023 RU WORK FLOOR WITH 2-3/8" TUBING HANDLING TOOLS, SET UP SAFETY EQUIPMENT, CENTER & LEVEL RIG OVER HOLE, PICK UP ON TUBING TO SET TUBING SLIPS IN POSITION TUBING NEUTRAL WEIGHT @ 33 PTS RELEASE TAC, POOH WITH 128 JTS OF 2-3/8" N-80 TUBING, HAD TO SHUT DOWN TO WINDY TO POOH WITH TUBING WINDS 30 TO 40 MPH WITH GUST

1/18/2023 UPTO 55 MPH

1/18/2023 SECURE WELL SDFN

1/18/2023 CREW TRAVEL BACK HOME

1/19/2023 CREW TRAVEL TO LOCATION

1/19/2023 HTGSM W/ ALL PERSONAL ON LOCATION

1/19/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL

1/19/2023 PERFORM BOP CLOSING DRILL SECURED WELL CREW MET @ MUSTER AREA IN 1 MIN
CONTINUE POOH WITH 89 JTS OF 2-3/8" N-80 TUBING, FOR A TOTAL OF 217 JTS OF 2-3/8" N-80 TUBING, 1 - 4.5" X 2-3/8" TAC, 4 JTS OF 2-3/8" N-80 TUBING, 1 - 2-3/8" SEAT NIPPLE, 4' X 2-3/8" PERF SUB, 2 JTS OF 2-3/8" MUD ANCHORS W/ 2-3/8"

1/19/2023 BULL PLUG
MIRU KEY WL RIH W/ 3-5/8" GR/JB 6790' (WMD) POOH WITH GR/JB, PICK UP 4.5" CIBP RIH W/ WL SET CIBP @ 6775' W/ NO

1/19/2023 ISSUES POOH W/ WL SETTING TOOL RD WL

1/19/2023 PICK UP 4' X 2-3/8" PERF SUB RIH WITH 2-3/8" WORK STRING TUBING TAG CIBP @ 6775' (TMD) WITH 215 JTS IN THE HOLE LOAD WELL CIRCULATE WELL WITH 100 BBLS OF 10# BRINE WATER MIX 20 SXS SALT & GEL ON FLY WITH 50 BBLS 10# BRINE

1/19/2023 WATER

1/19/2023 PRESSURE TEST CASING TO 500 PSI HOLD PRESSURE FOR 30 MINUTES WITH A GOOD TEST
1ST PLUG) SET 1ST 4.5" CIBP @ 6775' BALANCED PLUG FROM 6775' - 6437' SPOT 25 SXS CLASS H CMT, 5.2 BBLS, 15.6# 1.18

1/19/2023 YIELD, COVERING 356' DISPLACE CMT TO 6419' DISPLACE W/ 24.8 BBLS

1/19/2023 POOH WITH 25 STANDS LAY DOWN 11 JTS

1/19/2023 SECURE WELL SDFN

1/19/2023 CREW TRAVEL BACK HOME

1/20/2023 CREW TRAVEL TO LOCATION

1/20/2023 HTGSM W/ ALL PERSONAL ON LOCATION

1/20/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL

1/20/2023 RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 6460' (TMD) WITH 206 JTS IN THE HOLE 10' INN ON JT 206

1/20/2023 POOH LAY DOWN 29 JTS EOT @ 5568' WITH 177 JTS IN THE HOLE
 PUMP AHEAD 20 BBLs 2ND PLUG) BALANCED PLUG FROM 5568' - 4650' SPOT 60 SXS CLASS C CMT, 14.10 BBLs, 14.8# 1.32

1/20/2023 YIELD, COVERING 910' DISPLACE CMT TO 4658' DISPLACE W/ 18 BBLs

1/20/2023 POOH WITH 74 STANDS LAY DOWN 29 JTS

1/20/2023 PICK UP & RIH W/ 4.5" AD-1 PACKER AND 12 JTS OF TAIL PIPE RIH WITH 90 JTS EOT @ 2807'

1/20/2023 WOC TO TAG

1/20/2023 RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 4660' WITH 149 JTS IN THE HOLE 25' INN ON JT 149,

1/20/2023 POOH WITH 9 STANDS SET PKR @ 3721' WITH 119 JTS IN THE HOLE EOTP @ 4099' WITH 131 JTS IN THE HOLE
 MIRU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 4650'

1/20/2023 SHOT 4 SQZ HOLES POOH RDMO WL,
 RU CMT PUMP ON TBG ATTEMPT TO EST -- INJ RATE BUT WE COULDN'T GET INJECTION RATE WE PRESSURE UP CASING TO 1500 PSI HOLDING PRESSURE FOR 15 MINUTES WITH NO LEAK OFF, CONTACTED STEVEN BAILEY WITH NMBLM DECISION

1/20/2023 WAS MADE TO RE-PERFORATE @ 4600' AND TRY TO GET INJECTION RATE
 RU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 4600'

1/20/2023 SHOT 4 SQZ HOLES POOH RDMO WL,
 RU CMT PUMP ON TBG EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON INTERMEDIUM CASING CIRCULATE TOTAL OF 15 BBLs, CONTACTED STEVEN BAILEY WITH NMBLM GOT APPROVAL TO CONTINUE AS

1/20/2023 PROGRAM SQZ 40 SX CL C CMT 4600' - 4411' WOC - TAG

1/20/2023 SECURE WELL SDFW

1/20/2023 CREW TRAVEL BACK HOME

1/23/2023 CREW TRAVEL TO LOCATION

1/23/2023 HTGSM W/ ALL PERSONAL ON LOCATION

1/23/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL
 RU CMT PUMP ON TBG EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON INTERMEDIUM CASING CIRCULATE TOTAL OF 10 BBLs, 3RD PLUG) PERF @ 4600' SQZ 40 SXS CLASS C CMT, 9.4 BBLs, 14.8# 1.32 YIELD,

1/23/2023 COVERING 606' DISPLACE TO 4411' DISPLACE W/ 20.6 BBLs ISIP = 0 PSI

1/23/2023 WOC TO TAG

1/23/2023 UNSEAT PACKER RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 4380' WITH 139 JTS IN THE HOLE

1/23/2023 POOH LAY DOWN 115 JTS SET PKR @ 381' WITH 12 JTS IN THE HOLE END OF TAIL PIPE @ 759' WITH 24 JTS IN THE HOLE
 MIRU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 1163'

1/23/2023 SHOT 4 SQZ HOLES POOH RDMO WL
 RU CMT PUMP ON TBG EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON INTERMEDIUM

1/23/2023 CASING CIRCULATE TOTAL OF 15 BBLs
 4TH PLUG) PERF @ 1163' SQZ 25 SXS CLASS C CMT, 5.8 BBLs, 14.8# 1.32 YIELD, COVERING 379' DISPLACE TO 1051' DISPLACE

1/23/2023 W/ 7.4 BBLs ISIP = 0 PSI WASH UP PUMP & FLOW BACK PIT

1/23/2023 SECURE WELL SDFN

1/23/2023 CREW TRAVEL BACK HOME.

STAND BY TIME, NO RIG ACTIVITY TODAY TRAVEL ROADS TO RIG GETTING BAD, HAD TO SHUT DOWN OPERATIONS DUE TO

1/25/2023 BAD WEATHER ON LOCATION (SNOW & SLEET) WILL TRY IT AGAING TOMORROW.

1/25/2023 CREW TRAVEL TO LOCATION

1/25/2023 HTGSM W/ ALL PERSONAL ON LOCATION

1/25/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL

1/25/2023 UNSEAT PACKER RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 1020' (TMD) WITH 33 JTS IN THE HOLE

1/25/2023 POOH LAY DOWN 42 JTS, SET PACKER @ 66' WITH 2 JTS IN THE HOLE
 MIRU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 680'

1/25/2023 SHOT 4 SQZ HOLES POOH RDMO WL
 RU CMT PUMP ON TUBING EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON

1/25/2023 INTERMEDIUM CASING CIRCULATE TOTAL OF 20 BBLs, UNSEAT PKR LAY DOWN 2 JTS AND PKR,

1/25/2023 RD WORK FLOOR & ASSOCIATED EQUIPMENT

1/25/2023 ND 5K HYD BOP

1/25/2023 NU 3K X 7-1/16" WH
 5TH PLUG) PERF @ 680' SQZ 135 SXS CLASS C CMT, 31.7 BBLs, 14.8# 1.32 YIELD, COVERING 2047' FROM 680' - 0' (SURFACE) GOT FULL RETURNS ON INTERMEDIUM CASING CLOSE VALVE AND LEFT 500 PSI ON PRODUCTION CASING, WOC TOP OFF

* 1/25/2023 HOLE WITH CMT VERIFY CMT AT SURFACE / TOPPED OFF 10-3/4" SURF CSG WITH 15 SXS
 RDMO PU & P&A PUMP ASSOCIATED EQUIPMENT, STAGED ALL P&A EQUIPMENT TO SIDE OF LOCATION, CLEAN UP

1/25/2023 LOCATION P&A JOB COMPLETED SDFN



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
575-234-2229

Diaga 18 Federal 001 - Final P&A Report

Start Date	Remarks
1/17/2023	CREW TRAVEL TO LOCATION
1/17/2023	DROVE PULLING UNIT & P&A PUMP ASSOCIATED EQUIPMENT FROM THE CAL-MON 018 TO THE DIAGA 18 FEDERAL 001 HPJSM WITH ALL PERSONAL ON LOCATION DISCUSS STOP WORK AUTHORITY GOOD COMMUNICATION AT ALL TIME SUSPENDED LOADS ONE TASK AT A TIME PINCH POINTS HAND PLACEMENT UPDATE JSA AS TASK CHANGES, MIRU PU & P&A
1/17/2023	ASSOCIATED EQUIPMENT SET CATWALK & PIPE RACKS LOAD WORK STRING TUBING,
1/17/2023	CHECK PSI ON WELL TBG = 0 PSI, CSG = 0 PSI, DIG OUT CELLAR INTER CSG = 0 PSI, SURF CSG = 0 PSI
1/17/2023	UNHANG WELL LAY DOWN PUMPING UNIT HEAD
1/17/2023	RU CEMENT PUMP ON TUBING LOAD WELL WITH 2 BBLS PRESSURE TEST TUBING TO 1500 PSI WITH A GOOD TEST, PICK UP ON POLISH ROD, RODS STRING WEIGHT = 8 PTS JAR ON ROD PUMP COUPLE OF TIMES GOT PUMP UNSEATED, LAY
1/17/2023	DOWN 1.25" X 26' SPRAY METAL POLISH ROD
1/17/2023	RU WORK FLOOR AND ROD HANDLING TOOLS, SET UP SAFETY EQUIPMENT, CENTER & LEVEL RIG OVER HOLE POOH LAY DOWN 94 - 1" FIBER GLASS RODS 133 - 7/8" (D) SUCKER RODS 1 - 7/8" SHEER TOOL 2 - 7/8" (D) SUCKER RODS 4' X
1/17/2023	7/8" STABILIZER SUB & 20-125-20 ROD PUMP
1/17/2023	SECURE WELL SDFN
1/17/2023	CREW TRAVEL BACK HOME
1/18/2023	CREW TRAVEL TO LOCATION
1/18/2023	HTGSM W/ ALL PERSONAL ON LOCATION
1/18/2023	CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL
1/18/2023	PUMP 50 BBLS OF 10# BRINE WATER DOWN CASING FOR WELL CONTROL
1/18/2023	FUNCTION TEST BOP WITH A GOOD TEST ND 3K X 7-1/16" WH, NOTE: TOOK MORE TIME THAN USUAL TO BREAK NUTS FROM WELL HEAD, ALSO WE HAD TO HAMMER
1/18/2023	BOLTS OUT DUE TO RUSTED BOLTS
1/18/2023	NU 5K HYD BOP W/ 5K 2-3/8" PIPE RAMS ON TOP AND 5K BLINDS ON BOTTOM
1/18/2023	RU WORK FLOOR WITH 2-3/8" TUBING HANDLING TOOLS, SET UP SAFETY EQUIPMENT, CENTER & LEVEL RIG OVER HOLE, PICK UP ON TUBING TO SET TUBING SLIPS IN POSITION TUBING NEUTRAL WEIGHT @ 33 PTS RELEASE TAC, POOH WITH 128 JTS OF 2-3/8" N-80 TUBING, HAD TO SHUT DOWN TO WINDY TO POOH WITH TUBING WINDS 30 TO 40 MPH WITH GUST
1/18/2023	UPTO 55 MPH
1/18/2023	SECURE WELL SDFN
1/18/2023	CREW TRAVEL BACK HOME
1/19/2023	CREW TRAVEL TO LOCATION
1/19/2023	HTGSM W/ ALL PERSONAL ON LOCATION
1/19/2023	CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL
1/19/2023	PERFORM BOP CLOSING DRILL SECURED WELL CREW MET @ MUSTER AREA IN 1 MIN CONTINUE POOH WITH 89 JTS OF 2-3/8" N-80 TUBING, FOR A TOTAL OF 217 JTS OF 2-3/8" N-80 TUBING, 1 - 4.5" X 2-3/8" TAC, 4 JTS OF 2-3/8" N-80 TUBING, 1 - 2-3/8" SEAT NIPPLE, 4' X 2-3/8" PERF SUB, 2 JTS OF 2-3/8" MUD ANCHORS W/ 2-3/8"
1/19/2023	BULL PLUG MIRU KEY WL RIH W/ 3-5/8" GR/JB 6790' (WMD) POOH WITH GR/JB, PICK UP 4.5" CIBP RIH W/ WL SET CIBP @ 6775' W/ NO
1/19/2023	ISSUES POOH W/ WL SETTING TOOL RD WL
1/19/2023	PICK UP 4' X 2-3/8" PERF SUB RIH WITH 2-3/8" WORK STRING TUBING TAG CIBP @ 6775' (TMD) WITH 215 JTS IN THE HOLE LOAD WELL CIRCULATE WELL WITH 100 BBLS OF 10# BRINE WATER MIX 20 SXS SALT & GEL ON FLY WITH 50 BBLS 10# BRINE
1/19/2023	WATER
1/19/2023	PRESSURE TEST CASING TO 500 PSI HOLD PRESSURE FOR 30 MINUTES WITH A GOOD TEST 1ST PLUG) SET 1ST 4.5" CIBP @ 6775' BALANCED PLUG FROM 6775' - 6437' SPOT 25 SXS CLASS H CMT, 5.2 BBLS, 15.6# 1.18
1/19/2023	YIELD, COVERING 356' DISPLACE CMT TO 6419' DISPLACE W/ 24.8 BBLS
1/19/2023	POOH WITH 25 STANDS LAY DOWN 11 JTS
1/19/2023	SECURE WELL SDFN
1/19/2023	CREW TRAVEL BACK HOME
1/20/2023	CREW TRAVEL TO LOCATION
1/20/2023	HTGSM W/ ALL PERSONAL ON LOCATION
1/20/2023	CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL
1/20/2023	RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 6460' (TMD) WITH 206 JTS IN THE HOLE 10' INN ON JT 206

1/20/2023 POOH LAY DOWN 29 JTS EOT @ 5568' WITH 177 JTS IN THE HOLE
PUMP AHEAD 20 BBLS 2ND PLUG) BALANCED PLUG FROM 5568' - 4650' SPOT 60 SXS CLASS C CMT, 14.10 BBLS, 14.8# 1.32
1/20/2023 YIELD, COVERING 910' DISPLACE CMT TO 4658' DISPLACE W/ 18 BBLS
1/20/2023 POOH WITH 74 STANDS LAY DOWN 29 JTS
1/20/2023 PICK UP & RIH W/ 4.5" AD-1 PACKER AND 12 JTS OF TAIL PIPE RIH WITH 90 JTS EOT @ 2807'
1/20/2023 WOC TO TAG
1/20/2023 RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 4660' WITH 149 JTS IN THE HOLE 25' INN ON JT 149,
1/20/2023 POOH WITH 9 STANDS SET PKR @ 3721' WITH 119 JTS IN THE HOLE EOTP @ 4099' WITH 131 JTS IN THE HOLE
MIRU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 4650'
1/20/2023 SHOT 4 SQZ HOLES POOH RDMO WL,
RU CMT PUMP ON TBG ATTEMPT TO EST -- INJ RATE BUT WE COULDN'T GET INJECTION RATE WE PRESSURE UP CASING TO
1500 PSI HOLDING PRESSURE FOR 15 MINUTES WITH NO LEAK OFF, CONTACTED STEVEN BAILEY WITH NMBLM DECISION
1/20/2023 WAS MADE TO RE-PERFORATE @ 4600' AND TRY TO GET INJECTION RATE
RU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 4600'
1/20/2023 SHOT 4 SQZ HOLES POOH RDMO WL,
RU CMT PUMP ON TBG EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON INTERMEDIUM
CASING CIRCULATE TOTAL OF 15 BBLS, CONTACTED STEVEN BAILEY WITH NMBLM GOT APPROVAL TO CONTINUE AS
1/20/2023 PROGRAM SQZ 40 SX CL C CMT 4600' - 4411' WOC - TAG
1/20/2023 SECURE WELL SDFW
1/20/2023 CREW TRAVEL BACK HOME

1/23/2023 CREW TRAVEL TO LOCATION
1/23/2023 HTGSM W/ ALL PERSONAL ON LOCATION
1/23/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL
RU CMT PUMP ON TBG EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON INTERMEDIUM
CASING CIRCULATE TOTAL OF 10 BBLS, 3RD PLUG) PERF @ 4600' SQZ 40 SXS CLASS C CMT, 9.4 BBLS, 14.8# 1.32 YIELD,
1/23/2023 COVERING 606' DISPLACE TO 4411' DISPLACE W/ 20.6 BBLS ISIP = 0 PSI
1/23/2023 WOC TO TAG
1/23/2023 UNSEAT PACKER RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 4380' WITH 139 JTS IN THE HOLE

1/23/2023 POOH LAY DOWN 115 JTS SET PKR @ 381' WITH 12 JTS IN THE HOLE END OF TAIL PIPE @ 759' WITH 24 JTS IN THE HOLE
MIRU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 1163'
1/23/2023 SHOT 4 SQZ HOLES POOH RDMO WL
RU CMT PUMP ON TBG EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON INTERMEDIUM
1/23/2023 CASING CIRCULATE TOTAL OF 15 BBLS
4TH PLUG) PERF @ 1163' SQZ 25 SXS CLASS C CMT, 5.8 BBLS, 14.8# 1.32 YIELD, COVERING 379' DISPLACE TO 1051' DISPLACE
1/23/2023 W/ 7.4 BBLS ISIP = 0 PSI WASH UP PUMP & FLOW BACK PIT
1/23/2023 SECURE WELL SDFN
1/23/2023 CREW TRAVEL BACK HOME.

STAND BY TIME, NO RIG ACTIVITY TODAY TRAVEL ROADS TO RIG GETTING BAD, HAD TO SHUT DOWN OPERATIONS DUE TO
1/25/2023 BAD WEATHER ON LOCATION (SNOW & SLEET) WILL TRY IT AGAIN TOMORROW.
1/25/2023 CREW TRAVEL TO LOCATION
1/25/2023 HTGSM W/ ALL PERSONAL ON LOCATION
1/25/2023 CHECK PSI ON WELL ALL STRINGS = 0 PSI OPEN WELL
1/25/2023 UNSEAT PACKER RIH WITH 2-3/8" WORK STRING TUBING TAG TOC @ 1020' (TMD) WITH 33 JTS IN THE HOLE
1/25/2023 POOH LAY DOWN 42 JTS, SET PACKER @ 66' WITH 2 JTS IN THE HOLE
MIRU WL TO WELL PICK UP CCL 1-9/16 GUN 3.5 GRAM CHARGE .2" ENTRY HOLE 12" PENETRATION WENT DOWN TO 680'
1/25/2023 SHOT 4 SQZ HOLES POOH RDMO WL
RU CMT PUMP ON TUBING EST- INJ RATE WITH 10# BRINE WATER 2 BPM @ 500 PSI GETTING FULL RETURNS ON
1/25/2023 INTERMEDIUM CASING CIRCULATE TOTAL OF 20 BBLS, UNSEAT PKR LAY DOWN 2 JTS AND PKR,
1/25/2023 RD WORK FLOOR & ASSOCIATED EQUIPMENT
1/25/2023 ND 5K HYD BOP
1/25/2023 NU 3K X 7-1/16" WH
5TH PLUG) PERF @ 680' SQZ 135 SXS CLASS C CMT, 31.7 BBLS, 14.8# 1.32 YIELD, COVERING 2047' FROM 680' - 0' (SURFACE)
GOT FULL RETURNS ON INTERMEDIUM CASING CLOSE VALVE AND LEFT 500 PSI ON PRODUCTION CASING, WOC TOP OFF
1/25/2023 HOLE WITH CMT VERIFY CMT AT SURFACE / TOPPED OFF 10-3/4" SURF CSG WITH 15 SXS
RDMO PU & P&A PUMP ASSOCIATED EQUIPMENT, STAGED ALL P&A EQUIPMENT TO SIDE OF LOCATION, CLEAN UP
1/25/2023 LOCATION P&A JOB COMPLETED SDFN

1/25/2023 CREW TRAVEL BACK HOME.

Final Wellbore Diagram 2/2/2023

Diaga 18 Fed Com #1
API No. 30-025-33626

perf @ 680' - squeeze 135 sx class C cmt from 680' - 0', Top of with 15 sx at surface. (Verified Cement to Surface).

perf @ 1163' - squeeze 25 sx class C cmt from 1163' - 1020' (tag).

perf @ 4600' - squeeze 40 sx class C cmt from 4600' - 4380' (tag).

Balanced Plug, Pumped 60 sx class C cement from 5568' -4660' (Tag)

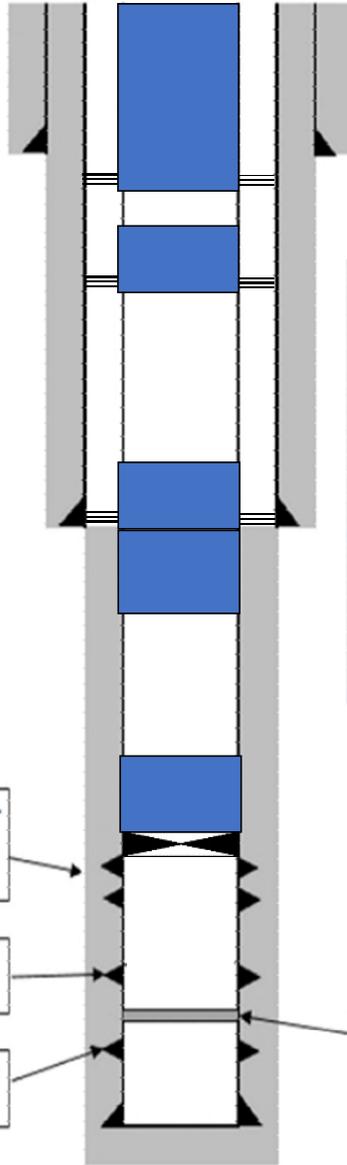
Set CIBP @ 6790'. Pumped 25 sx class H cement from 6775' -6460' (Tag)

Perfs: 7236', 7239', 7255-58', 7053-54', 7059', 6997-98', 6873', 6880', 6823-40' @ 2spf, acid (Sept-'97)

Perfs: 8300-38', 7860-88' @ 2 spf, acid (Mar-'97)

Perfs: 8590-8600' 2 spf, acid+frac (Dec-'96)

Casing Detail					
Size (in)	Weight (lb/ft)	Grade	Depth (ft)	CMT (sx)	TOC (ft)
10.75	46.5		630	600	Surf
7.625	26.4		4507	950	Surf
4.5	11.6		8720	635	4650
Tubing Detail					
Description	Qty	Length (ft)	Top (ft)	Bottom (ft)	Comments
2-3/8" N80 4.7# T&C	267	8373.12	14	8387.12	
2-3/8" Cup Seat Nipple	1	1.1	8387.12	8388.22	
2-3/8" Slotted Cup Seat Nipple	1	1.1	8388.22	8389.32	
4.5" Tubing Anchor	1	3	8389.32	8392.32	
2-3/8" Mud Anchor	1	30.9	8392.32	8423.22	
2-3/8" Bull Plug	1	62.35	8423.22	8485.57	
Rod Detail					
Description	Qty	Length (ft)	Top (ft)	Bottom (ft)	Comments
1-1/4" C Polish Rod Liner	1	26	14	40	
Rod Sub	1	4	40	44	
7/8" DX25' Rod	1	25	44	69	
1" FG X 37.5' Rod	132	4950	69	5019	
7/8" DX25' Rod	133	3325	5019	8344	
1" Shear Tool	1	1	8344	8345	
7/8" Dx25' Rod	1	25	8345	8370	
7/8" Rod Sub	1	2	8370	8372	
20-125-RHBC-20-0 1-1/4" Insert Pump	1	20	8372	8392	
1" Strainer Nipple	1	3	8392	8395	



TD: 8720' MD
PBTD: 8676' MD

CIBP pushed from 8200' to 8500' (Aug-'00)

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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 811 S. First St., Artesia, NM 88210
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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 191233

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 191233
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	4/14/2023