

Accepted for Record Only

SUBJECT TO LIKE  
APPROVAL BY BLM

NMOCD 5/25/23

X7

Well Name: ANADARKO FEDERAL	Well Location: T18S / R31E / SEC 4 / NESW /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC029389B	Unit or CA Name: 1 ANADARKO FEDERAL	Unit or CA Number: NMNM105365
US Well Number: 300153145500S1	Well Status: Producing Gas Well	Operator: CHEVRON USA INCORPORATED

### Subsequent Report

Sundry ID: 2729353

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 05/05/2023

Time Sundry Submitted: 09:13

Date Operation Actually Began: 04/22/2023

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

### SR Attachments

#### Actual Procedure

Reporting\_\_EMC\_Ops\_Summary\_\_External\_\_ANADARKO\_FEDERAL\_001\_\_2023\_05\_05\_08.57.20\_202  
30505091248.pdf  
As\_Plugged\_WBD\_20230505091239.pdf

ABD 5/4/23

RECLAMATION  
DUE 11-4-23

RECLAMATION  
DUE

RECLAMATION PROCEDURE  
ATTACHED

Accepted for Record Purposes  
Date: 5-12-23

J. Amos

Well Location: T18S / R31E / SEC 4 /  
NESW /County or Parish/State: EDDY /  
NM

Well Number: 1

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMLC029389B

Unit or CA Name: 1 ANADARKO  
FEDERALUnit or CA Number:  
NMNM105365

US Well Number: 300153145500S1

Well Status: Producing Gas Well

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 05, 2023 09:12 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:

ION



# 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



## EMC Ops Summary - External

Well Name ANADARKO FEDERAL 001	Field Name Cedar Lake East	Lease ANADARKO FEDERAL	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001531455

### Basic Well Data

Current RKB Elevation 3,738.00, 10/21/2013	Original RKB Elevation (ft) 3,738.00	Latitude (") 32° 46' 27.048" N	Longitude (") 103° 52' 38.352" W
---	---	-----------------------------------	-------------------------------------

### Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
3/22/2023 12:00	3/22/2023 17:00	PREP	FAC	5.00	
3/22/2023 17:00	4/22/2023 13:00	MOB	MOVEON	6.00	
4/22/2023 13:00	4/25/2023 18:15	ABAN	TBGPULL	25.75	
4/25/2023 18:15	5/4/2023 17:30	ABAN	CMTPLUG	78.00	5.71

Start Date	Summary
3/22/2023	Review JSA, check well for pressure, Production had 500 PSI and fluid, one riser was installed due to a blind bull plug on the other side, but crew left a second risers for rig. Crew exposed cut and reworked casing on well and installed new risers on well, back filled well, hot bolted head, graded location and remove flow line.
4/22/2023	Mobilize abandonment equipment, JSA held safety meeting, Review SOP, Review tenet 2, Hazard hunt, 500psi on production, MIRU Equipment, Debrief.
4/24/2023	JSA held safety meeting, Review SOP, Review tenet 4, Hazard hunt, 500psi on TBG, 250psi on production, 600psi surface casing, Bleed down well, CC 60 bbl brine, RU work floor, RU wire-line, TIH with 2 3/8" gage wring to 11700', POH, RIH with 2 3/8" CIBP set @11635', POH, RIH cut TBG @11631', POH, CC 10bbl, CIW, debrief.
4/25/2023	JSA held safety meeting, Review SOP, Review tenet 5, Hazard hunt, 30psi on production, 0psi surface casing, ND tree, NU BOP, BOP test 250psi 5 min & 1500psi 5 min, RU work floor, CC 75 bbl lost circulation, TOH with 10 stands, TIH with 10 stands, CC 30 bbl of Jetseel, TOH, CIW debrief.
4/26/2023	JSA held safety meeting, Review SOP, Review tenet 6, Hazard hunt, 5psi on production, 0psi surface casing, TIH, CC could not pump down TBG, TOH, RCC 40bbl, TIH, RCC 40bbl, TIH RCC 40bbl, Contact Mark Torres & Keith Immatty, Pump 63 sx class C from 11571'-11000', TOH, CIW debrief.
4/27/2023	JSA held safety meeting, Review SOP, Review tenet 7, Hazard hunt, 0psi on production, 0psi surface casing, TIH tag TOC @11089, Pressure test 1500psi for 30min held, 46 bbl MLF, TOH, Pump 40 sx class H from 9120'-8800', TOH, WOC, TIH Tag TOC @8838', CC 53bbl MLF, TOH, As per Gabriel Beneway off BLM, Pump 25 sx class C from 6500'-6247', TOH, CIW debrief.
4/28/2023	JSA held safety meeting, Review SOP, Review tenet 8, Hazard hunt, 0psi on production, 0psi surface casing, Tally TBG, Debrief, Shut down due to wind.
4/29/2023	JSA held safety meeting, Review SOP, Review tenet 9, Hazard hunt, 0psi on production, 0psi surface casing, RU wire-line, RIH to 5207', POH, Down time due to wire-line break down, RIH perforate @5207', POH, CC 250bbl brine, Pump 235 sx class C from 5207'-4342', TOH, CIW debrief.
5/1/2023	JSA held safety meeting, Review SOP, Review tenet 1, Hazard hunt, Set up location after day off, 80 psi on tubing, 80 psi on production, 0 psi surface and on a vacuum. No gas found. Rig up tubing equipment, Bubble test failed, RIH with tubing tagged TOC at 4244', Circulate 52 bbl of salt gel and displace with 17.5 bbl 10# brine, POOH with tubing set end of tubing at 1177', Spot and rig up wire line truck and equipment. RIH with 1 9/16" perf gun and shoot perfs at 1997' POOH with wire line. Rig down wire line truck and equipment and move off location. Rig up pump hoses. Break circulation in 5 1/2" - 9 5/8" annular and pumped 95 bbl of 10 # brine. Mix and pump 2 bbl fresh water spacer followed by 170 sacks class C cement from WT 14.8 LBS/GAL YLD 1.32 CU/FT 40 bbl slurry from 1997' to 1423' shut in with 500 PSI. Secure well, clean location debrief. EOT
5/2/2023	JSA held safety meeting, Review SOP, Review tenet 2, Hazard hunt, Check well for pressure and gas, 0 gas, 0 pressure, Bubble test well Production casing tested good no bubbles, Intermediate casing would not hold a water column, RIH Tagged TOC at 1398', Called Chevron Engineer for plan forward to cut and pull 5 1/2" casing from 961', Call New Mexico BLM talked to Keith Immatty and got his approval to cut casing as planned, POOH laid down extra tubing in racks. Safety meeting on wire line operations. Spot wire line truck and rig up wire line equipment, RIH with 5 1/2" jet cutter and cut 5 1/2" casing at 961', POOH with wire line tools. Rig down wire line truck and equipment. Move off location, Crew Lunch, Rig out floor and tubing equipment. Remove BOPE set up to Nipple down well head. Knights started to nipple down well head we had lightning stopped work EOT
5/3/2023	JSA held safety meeting, Review SOP, Review tenet 3, Hazard hunt, Check well for pressure and gas, 0 gas, 0 pressure, NU BOP, POH with 5 1/2" casing, TIH with 9 5/8" scraper, CC 75bbl brine, TOH, TIH, Mix and pump 2 bbl fresh water spacer followed by 154 sacks class C cement from WT 14.8 LBS/GAL YLD 1.32 CU/FT 36 bbl slurry from 1020' to 500' TOH, CIW debrief.
5/4/2023	JSA held safety meeting, Review SOP, Review tenet 4, Hazard hunt, Check well for pressure and gas, 0 gas, 0 pressure, Bubble test well No bubbles water level slowly dropped 2" in 30 minutes. Call Chevron Engineer Mark Torres to approve finishing bring cement to surface, RIH with tubing tagged top of cement at 539' Set up to cement. Mix and pump 2 bbl fresh water spacer followed by 210 sacks class C cement from WT 14.8 LBS/GAL YLD 1.32 CU/FT 50 bbl slurry from 539' to surface, POOH laying down tubing. Knights remove 10" BOPE. Topped of well with 1 sacks of cement. Start rigging down operation. Move equipment to Gulf Federal Com #1

FIELD: Cedar Lake East  
 LEASE/UNIT: Anadarko Federal  
 WELL NO.: 1  
 COUNTY: Eddy ST: New Mexico  
 LOCATION: 1815' FSL & 1650' FWL, Sec. 4, T-18S, R-31E

API NO.: 30-015-31455  
 CHEVNO: HB2463  
 PROD FORMATION: Morrow  
 STATUS: SI Gas Well  
 Spud Date: 1/10/2001  
 TD Date: 2/21/2001  
 Comp Date: 4/24/2001

**AS PLUGGED WELLBORE DIAGRAM****SURFACE CSG**

Size: 13-3/8"  
 Hole Size: 17-1/2"  
 Weight: 48#  
 Depth: 696'  
 Cmt: 610 sx  
 Circ: Yes  
 TOC: Surface

**INTERMEDIATE CSG**

Size: 9-5/8"  
 Hole Size: 12-1/4"  
 Weight: 40#  
 Depth: 4,885'  
 Cmt: 1570 sx  
 Circ: Yes  
 TOC: Surface

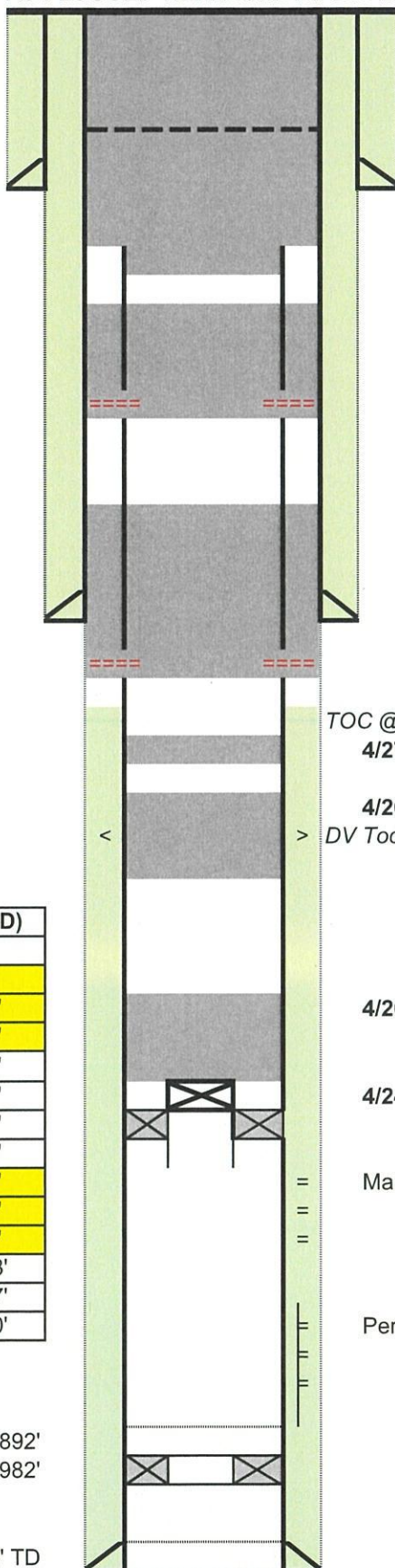
**PRODUCTION CSG**

Size: 5-1/2"  
 Hole Size: 7-7/8"  
 Weight: 17#  
 Depth: 12,036'  
 Cmt: 875 sx  
 Circ: no  
 TOC: 5240' via CBL

FORMATION	TOP (MD)
Rustler	580'
Salt Top	761'
Salt Bottom	1,826'
Yates	1,947'
Seven Rivers	2,354'
Queen	3,032'
Grayburg	3,365'
San Andres	4,140'
Delaware	4,437'
Bone Spring	5,157'
Wolfcamp	9,070'
Strawn	10,803'
Atoka	10,997'
Morrow	11,260'

TOC @ 11,892'  
 CIBP @ 11,982'

12,036' TD



5/4/23: Spot 211 sx Class C GL: 3721'  
 f/ 539' - 0' KB: 3738'

Base of Fresh Water: 400'

5/3/23: Cut/pull prod csg f/ 961'; spot 154 sx Class C f/  
 1,020' - 500'; tag plug @ 539'

4/29/23: Perf @ 1,997'; squeeze 170 sx Class C f/  
 1,997' - 1,423'; tag @ 1,398'

4/29/23: Perf @ 5,207'; squeeze 240 sx Class C f/  
 5,207' - 4,342'; tag @ 4,244'

TOC @ 5,240' (CBL)

4/27/23: Spot 25 sx Class C f/ 6,500' - 6,247'

(Plug depth changed per Gabriel Beneway w/ BLM)

4/26/23: Spot 40 sx Class H f/ 9,120' - 8,758'; tag @ 8,838'  
 DV Tool @ 8,998-8,999'

4/26/23: Spot 63 sx Class H f/ 11,571' - 11,000'  
 Tag plug @ 11,089'

4/24/23: Set CIP in tbg @ 11,635' WLM, cut/pull tubing above

Marrow Perfs (4/2001):

11,728-11,786' (.40", 248 holes)

Acidz w/ 2000 gals 7.5% NEFE acid

Frac w/ 112 bbls CO2 + 231.3 bbls xlg w/ 31,640# 20/40 sand

Perf sqz holes @ 11390', 11910' & 11962'

Set CR @ 11,400' and sqz w/ 250sx 50:50 Poz H

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

**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 216763

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 216763
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	5/25/2023