

Well Name: MOSAIC 34 FEDERAL	Well Location: T24S / R28E / SEC 34 / SESW /	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM13074	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001535118	Well Status: Abandoned	Operator: CHEVRON USA INCORPORATED

Subsequent Report

Sundry ID: 2731369

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 05/17/2023

Time Sundry Submitted: 07:56

Date Operation Actually Began: 05/08/2023

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

SR Attachments

Actual Procedure

Reporting__EMC_Ops_Summary__External__MOSAIC_34_FEDERAL_001H__2023_05_17_07.36.10_2
0230517075626.pdf

As_Plugged_WBD_20230517075619.pdf

Well Name: MOSAIC 347 FEDERAL

Well Location: T24S / R28E / SEC 34 /
SESW /County or Parish/State: EDDY /
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM13074

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US Well Number: 3001535118

Well Status: Abandoned

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 17, 2023 07:56 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:

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: 05/26/2023

Signature: James A. Amos



EMC Ops Summary - External

Well Name MOSAIC 34 FEDERAL 001H	Field Name Willow Lake	Lease MOSAIC 34 FEDERAL	Area Delaware Basin
Business Unit EMC	County/ Parish Eddy	Global Metrics Region EMC US East	Surface UWI 3001535118

Basic Well Data			
Current RKB Elevation 3,018.00, 5/5/2023	Original RKB Elevation (ft) 3,018.00	Latitude (°) 32° 10' 2.28" N	Longitude (°) 104° 4' 33.096" W

Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
5/4/2023 07:00	5/4/2023 13:00	PREP	FAC	6.00	
5/8/2023 07:00	5/8/2023 15:45	MOB	MOVEON	8.75	
5/8/2023 15:45	5/10/2023 13:30	ABAN	TBGPULL	16.75	
5/10/2023 13:30	5/13/2023 12:00	ABAN	CMTPLUG	33.50	
		REST	FAC		

Start Date	Summary
5/4/2023	Review JSA, check well for pressure, production had 10 PSI, intermediate had 50 psi, and suface had 10 PSI. crew install new risers, hot bolt head and remove flow line.
5/8/2023	Held safety meeting Move Axis 34 from PMS 7 to Mosaic 1H MIRU equipment TOH with rods
5/9/2023	Held safety meeting, check pressure. TOH w/rods ND WH NU BOP test BOP TOH w/TBG
5/10/2023	Held safety meeting, check pressure. RUWL set CIBP at 4292' RDWL TIH tag CIBP at 4277' Test casing Pump 35 sacks C cement at 4277'-3922' TOH RUWL run CBL RDWL
5/11/2023	Held safety meeting, check pressure. TIH TAG TOC at 3930 pump mud TOH RUWL PERF at 2690' Pump 115 sacks C cement at 2690'-2213' WOC TIH TAG TOC at 2235 TOH to 1635
5/12/2023	Held safety meeting, check pressure. TIH to 2235' Mud up TOH RUWL Perf at 1850 RDWL Pump 351 sacks C cement at 1850'-350' WOC tag TOC at 351 RUWL Perf at 350 Pump 25 sacks C cement at 350'-250' WOC
5/13/2023	Held safety meeting, check pressure. TIH tag TOC at 226' TOH RUWL Perf at 226' RDWL. Unable to circulate up 8-5/8" x 13-3/8" annulus. BLM approved cementing to surface through 5-1/2" x 8-5/8". ND BOP Pump 70 sacks C cement at 226'-0 RD equipment

AS PLUGGED WELLBORE DIAGRAM

FIELD: Carlsbad West API NO.: 30-015-35118 Spud Date: 4/2/2007
 LEASE/UNIT: Mosaic 34 Federal CHEVNO: TD Date: 5/7/2007
 WELL NO.: 1H PROD FORMATION: Comp Date: 5/30/2007
 COUNTY: Eddy ST: New Mexico STATUS: SI Oil Well GL: 3,000'GL / 3,017' DF
 LOCATION: 330' FSL & 2310' FWL, Unit N, Sec. 34, T-24S, R-28E KB: 3,018'

Base of Fresh Water: 50'
 R11P/SOPA: No/No

Surface Casing

Size: 13-3/8"
 Wt., Grd.: 48#
 Depth: 645'
 Sxs Cmt: 550 sx
 Circulate: Yes
 TOC: Surf
 Hole Size: 17-1/2"

5/13/23: Perf @ 226' circ 70 sx Class C f/ 226' -0'
 5/12/23: Perf @ 350' @ circulate 23 sx Class C f/ 350' - 250'
 Tag plug @ 226'

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 32#
 Depth: 2,590'
 Sxs Cmt: 600 sx
 Circulate: No
 TOC: 383' via Temp Survey
 Hole Size: 11"

5/12/23: Perf @ 1,850' & circulate 351 sx Class C f/ 1,850' - 350'
 Tag plug @ 351'

Production Casing

Size: 5-1/2"
 Wt., Grd.: 17#
 Depth: 6,610' MD
 KOP: 4,292' MD
 Sxs Cmt: 650 sx
 Circulate: No
 TOC: 2,750' via CBL
 Hole Size: 7-7/8"

5/11/23: Perf @ 2,690' & squeeze 115 sx Class C f/ 2,690' - 2,213'
 Tag plug @ 2,235'

TOC @ 2,750' via CBL on 5/10/23

5/10/23: Spot 35 sx Class C f/ 4,277' - 3,922'

5/10/23: Set CIBP @ 4,292' WLM; tag CIBP @ 4,277' tbq measurement
 Kick off Point 4,292'

Formation	Top (MD)
Rustler	777'
Top of Salt	1,100'
Base of Salt	2,396'
Lamar	2,588'
Brushy Canyon	4,732'

Perfs (3spf at each depth):
 5,050'

5,310'

5,560'

5,810'

6,010'

6,310'

6,560'

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

6,610' MD / 4,812' TVD

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)
4,200.0	0.25	141.60	4,199.7
Tie onto Gyro			
4,230.0	0.30	139.30	4,229.7
First MWD Survey			
4,261.0	0.30	121.30	4,260.7
4,292.0	0.60	320.70	4,291.7
4,324.0	4.90	294.60	4,323.6
4,356.0	9.60	300.20	4,355.3
4,387.0	14.50	300.10	4,385.7
4,418.0	18.50	298.90	4,415.4
4,450.0	22.10	299.20	4,445.4
4,481.0	23.50	298.40	4,474.0

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 221838

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 221838
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 6/7/23. Well P&A'd 5/13/23	6/7/2023