



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

Sundry Print Report

12/21/2022

OFFICIAL FILE COPY

<b>Well Name:</b> EMERALD FEDERAL	<b>Well Location:</b> T22S / R32E / SEC 10 / SWSW /	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 01	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM86147	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002531976	<b>Well Status:</b> Abandoned	<b>Operator:</b> COG OPERATING LLC

Accepted for Record Only

SUBJECT TO LIKE  
APPROVAL BY BLM

KF

NMOCD 1/5/23

## Subsequent Report

Sundry ID: 2699352

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 10/24/2022

Time Sundry Submitted: 10:56

Date Operation Actually Began: 09/21/2022

**Actual Procedure:** 09/21/22 MIRU plugging equipment. POH w/ rods & pump. 09/22/22 NU BOP. POH w/ tbq. Tag 5 1/2" CIBP @ 7169'. RIH w/ drill bit. 09/23/22 Drilled out CIBP. RIH & tagged @ 8711'. 09/27/22 POH w/ tbq. RIH w/ guage ring & Gyro, tagged @ 8741'. 09/28/22 Spotted 25 sx class H cmt @ 8741-8509'. WOC & tagged @ 8525'. 09/29/22 Set 5 1/2 CIBP @ 7200'. Spotted 30 sx class C cmt @ 7200-6900'. WOC & Tag @ 6935'. 09/30/22 Set 5 1/2 CIBP @ 6850'. Circ hole w/ MLF & salt gel. Pressure tested csg, help 500 PSI. Spotted 25 sx class C cmt w/ 2% CACL @ 6850-6600'. WOC & Tagged @ 6639'. Spotted 25 sx class C cmt @ 4571-4321'. WOC. 10/03/22 Tagged plug @ 4308'. Perf'd @ 2800'. Pressured up on perms. Spotted 60 sx class C cmt w/ 2% CACL @ 2861-2261'. WOC. Tagged plug @ 2287'. Perf'd @ 1650'. 10/04/22 Sqz'd 110 sx class C cmt w/ 2% CACL @ 1650-1255'. WOC. Tagged plug @ 1215'. Perf'd @ 907'. Sqz'd 35 sx class C cmt w/ 2% CACL @ 907-807'. WOC & Tagged 755'. Perf'd @ 200'. 10/05/22 ND BOP. Sqz'd 60 sx class C cmt & circulated to surface in 8 5/8 & 13 3/8'. Rigged down & moved off. 10/06/22 Moved in backhoe and welder. Cut off well head & anchors. Gilberto Espinoza w/ BLM verified cmt @ surface. Welded on "Under Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location, and moved off

Reclamation Due 4-6-23

<b>Well Name:</b> EMERALD	<b>Well Location:</b> T22S / R32E / SEC 10 / SWSW /	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 01	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM86147	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002531976	<b>Well Status:</b> Abandoned	<b>Operator:</b> COG OPERATING LLC

### SR Attachments

#### Actual Procedure

Emerald\_Fed\_1\_Subsequent\_Report\_20221024105634.pdf

Emerald\_Fed\_1\_DHM\_20221024105620.pdf

Emerald\_Fed\_1\_plugged\_WBD\_20221024105610.pdf

### 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:** RUTH SHOCKENCY

**Signed on:** OCT 24, 2022 10:56 AM

**Name:** COG OPERATING LLC

**Title:** Regulatory Analyst

**Street Address:** 600 W. ILLINOIS AVE.

**City:** MIDLAND

**State:** TX

**Phone:** (575) 703-8321

**Email address:** RUTH.SHOCKENCY@CONOCOPHILLIPS.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:** 12/21/2022

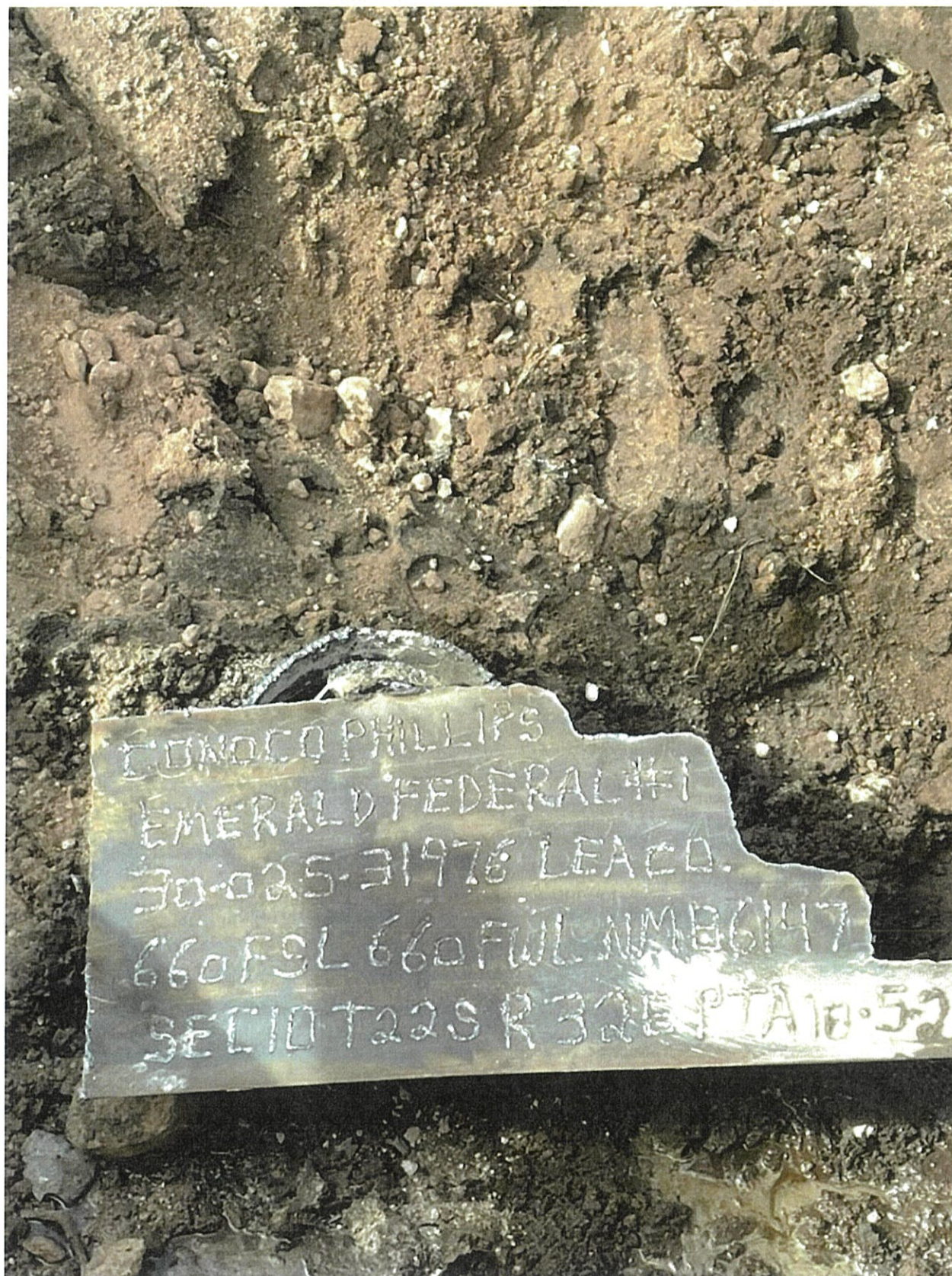
**Signature:** James A. Amos

Plug Abandonment  
Subsequent Report

<b>OPERATOR NAME:</b>	COG Operating LLC
<b>LEASE NO.:</b>	NMNM86147
<b>WELL NAME &amp; NO.:</b>	Emerald Federal #1
<b>US WELL NUMBER:</b>	30-025-31976
<b>LOCATION:</b>	Sec 10, T22S, R32E
<b>COUNTY:</b>	Lea, NM

09/21/22 MIRU plugging equipment. POH w/ rods & pump. 09/22/22 NU BOP. POH w/ tbg. Tag 5 1/2" CIBP @ 7169'. RIH w/ drill bit. 09/23/22 Drilled out CIBP. RIH & tagged @ 8711'. 09/27/22 POH w/ tbg. RIH w/ guage ring & Gyro, tagged @ 8741'. 09/28/22 Spotted 25 sx class H cmt @ 8741-8509'. WOC & tagged @ 8525'. 09/29/22 Set 5 1/2 CIBP @ 7200'. Spotted 30 sx class C cmt @ 7200-6900'. WOC & Tag @ 6935'. 09/30/22 Set 5 1/2 CIBP @ 6850'. Circ hole w/ MLF & salt gel. Pressure tested csg, help 500 PSI. Spotted 25 sx class C cmt w/ 2% CACL @ 6850-6600'. WOC & Tagged @ 6639'. Spotted 25 sx class C cmt @ 4571-4321'. WOC. 10/03/22 Tagged plug @ 4308'. Perf'd @ 2800'. Pressured up on perfs. Spotted 60 sx class C cmt w/ 2% CACL @ 2861-2261'. WOC. Tagged plug @ 2287'. Perf'd @ 1650'. 10/04/22 Sqz'd 110 sx class C cmt w/ 2% CACL @ 1650-1255'. WOC. Tagged plug @ 1215'. Perf'd @ 907'. Sqz'd 35 sx class C cmt w/ 2% CACL @ 907-807'. WOC & Tagged 755'. Perf'd @ 200'. 10/05/22 ND BOP. Sqz'd 60 sx class C cmt & circulated to surface in 8 5/8 & 13 3/8'. Rigged down & moved off. 10/06/22 Moved in backhoe and welder. Cut off well head & anchors. Gilberto Espinoza w/ BLM verified cmt @ surface. Welded on "Under Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location, and moved off.





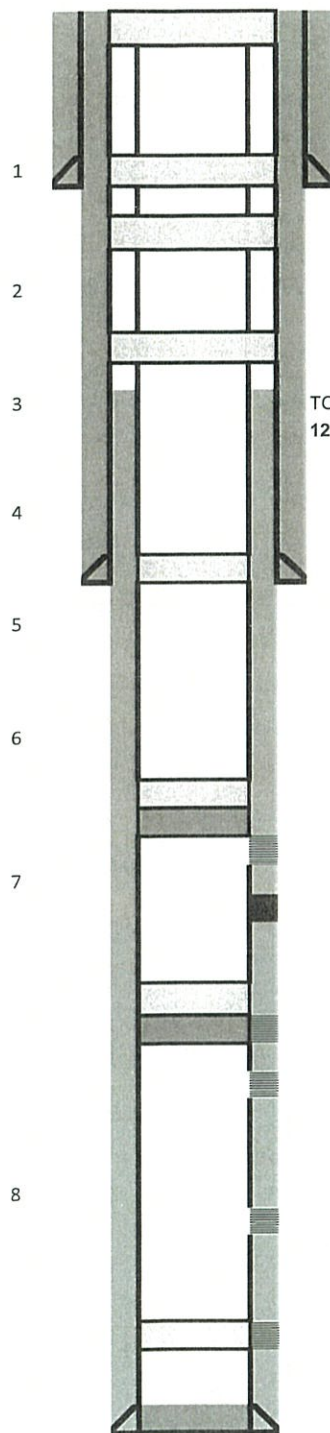






COG Operating		PLUGGED	
Author:	MRM (7/2017)	Well No.:	#1
Well Name:	Emerald Federal	API #:	30-025-31976
Field:	Livingston Ridge	Prop #:	15522
County:	Lea	Zone:	Delaware
State:	New Mexico		660 FSL & 660 FWL
Spud Date:	5/24/1993		Sec 10 T22S R32E
GL:	3,793'		
KB:			

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13.375"	H-40 & J-55	48 & 54.5	857'	900	surface
Inter Csg	8.625"	J-55	24 & 32	4,520'	1,500	surface
Prod Csg	5.5"	N-80 & K-55	17	8,832'	1,275	3,070'
Liner						



8. Perf'd @ 200'. Sqz'd 60 sx class C cmt & circulated to surface in 8 5/8 & 13 3/8'.

17 1/2" hole

13-3/8" (48# & 54.5#) @ 857' with 900 sks, circ with ?? sks

TOC @ surf

7. Perf'd @ 907'. Sqz'd 35 sx class C cmt w/ 2% CACL @ 907-807'. WOC & Tagged 755'.

6. Perf'd @ 1650'. Sqz'd 110 sx class C cmt w/ 2% CACL @ 1650-1255'. WOC. Tagged plug @ 1215'.

5. Perf'd @ 2800'. Pressured up on perms. Spotted 60 sx class C cmt w/ 2% CACL @ 2861-2261'. WOC. Tagged plug @ 2287'.

TOC @ 3,070'

12 1/4" hole

8-5/8" (24# & 32#) @ 4,520' with 1,500 sks, circ with 76 sks

TOC @ surf

4. Spotted 25 sx class C cmt @ 4571-4321'. WOC. Tagged plug @ 4308'.

3. Set 5 1/2 CIBP @ 6850'. Circ hole w/ MLF & salt gel. Pressure tested csg, help 500 PSI. Spotted 25 sx class C cmt w/ 2% CACL @ 6850-6600'. WOC & Tagged @ 6639'.

6,894'-6,907' (Delaware) 28 holes - 03/01/1995 frac'd with 14,000 lbs & 10/04/1995 acidized with 1500 gal

7,145'-7,153' (Delaware) 18 holes - 09/01/1994

squeezed with 150 sks cement, unsuccessful so squeezed another 150 sks.

2. Set 5 1/2 CIBP @ 7200'. Spotted 30 sx class C cmt @ 7200-6900'. WOC & Tag @ 6935'.

RBP @ 7,200' with 35' sand on top (12/05/1994)

7,269'-7,395' (Delaware) 19 holes - 09/01/1994 frac'd with 45,000 lbs

7,642'-7,655' (Delaware) 20 holes - 09/01/1994 frac'd with 20,500 lbs

8,045'-8,077' (Delaware) 10 holes - 09/01/1994 frac'd with 30,000 lbs

1. Tag 5 1/2 CIBP @ 7169'. Drilled out CIBP. RIH & tagged @ 8711'. RIH w/ guage ring & Gyro, tagged @ 8741'. Spotted 25 sx class H cmt @ 8741-8509'. WOC & tagged @ 8525'.

8,553'-8,582' (Delaware) 10 holes - 09/01/1994 frac'd with 27,000 lbs

7 7/8" hole

5-1/2" (17#) @ 8,832' with 1,275 sks

TOC @ 3,070'

#### Formation Tops

Castile	2,770'
Bell Canyon	4,842'
Cherry Canyon	5,790'
Brushy Canyon	6,990'
Bone Springs	8,757'

9

TD @ 8,830'

PBTD @ 7,169'

**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

COMMENTS  
  
Action 170034

COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 170034
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	1/6/2023

**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 170034

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 170034
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	1/5/2023