

Santa Fe Main Office
 Phone: (505) 476-3441
 General Information
 Phone: (505) 629-6116

Online Phone Directory Visit:
<https://www.emnrd.nm.gov/ocd/contact-us/>

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-55805
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Copperhead AGI
8. Well Number 1
9. OGRID Number 24650
10. Pool name or Wildcat AGI; Devonian - Fusselman
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3579' GR

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other AGI

2. Name of Operator
Targa Midstream Services, LLC

3. Address of Operator
811 Louisiana St., Ste. 2100, Houston, TX 77002

4. Well Location
 Unit Letter P : 793' feet from the South line and 429 feet from the East line
 Section 13 Township 24S Range 32E NMPM County LEA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COPPERHEAD AGI #1 REQUEST TO REVISE CASING PLAN

On behalf of Targa Midstream Services, LLC, approval is requested for proposed revisions to the second intermediate casing design and logging program for the Copperhead AGE #1 (API 30-025-55805). The proposed revision consists of installing 9-5/8-inch chrome casing across the Delaware Mountain Group in place of the originally proposed HCL-80 casing. This change is being requested as a preventative measure to mitigate potential corrosive effects within the Delaware Mountain Group associated with nearby active acid gas injection wells. Details of the proposed casing revision are provided below, followed by supporting documentation.

Original Plan	Proposed Changes
2nd Intermediate 9 5/8", 47 #/ft, HCL-80, BTC from 0' to 12,250'	9 5/8" 47 #/ft, HCL-80, BTC from 0' to 5,000' MD 9-5/8" 47#/ft, 25CRS-80 from 5,000' to 7,216' MD 9-5/8" 47#/ft, 28CRS-110 from 7,216' to 7,970' MD 9-5/8" 47#/ft, 25CRW -125 from 7,970 to 9,000' MD 9 5/8" 47 #/ft, HCL-80, BTC from 9,000' to 12,250' MD
Logging suite included radioactive source tools	Updated Logging suite removes radio-active logging tools in openhole

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Matt Eales TITLE VP of Regulatory DATE 2/9/2025

Type or print name Matt Eales E-mail address: meales@targaresources.com PHONE: 832.496.7513

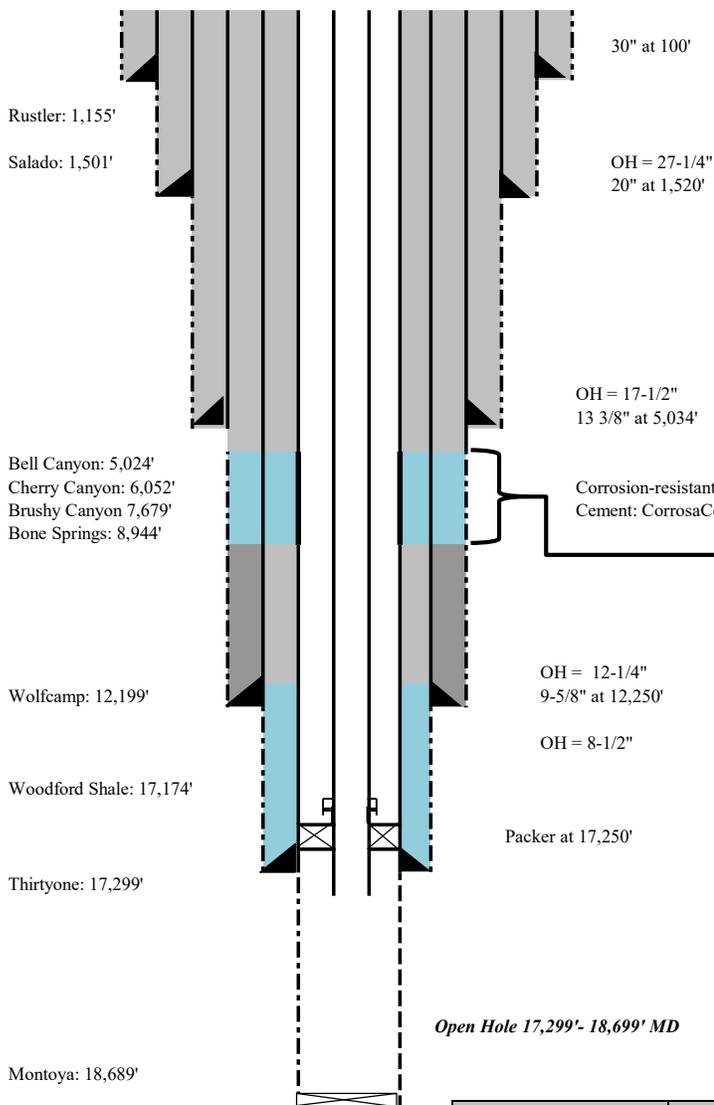
For State Use Only

Conditions of Approval (if any):

**COPPERHEAD AGI #001
PROPOSED LONG STRING WELLBORE - REVISED FEB. 9 2026**

API #: 30-025-55805
 Location: 429' FEL 793' FSL
 STR: S13-T24S-R33E
 County, St.: LEA COUNTY, NEW MEXICO

GL: 3,579'
 Lat. Long.: 32.2126083, -103.621194 NAD83
 TD (MD): 18,699'
 Useable GW: ~1500



CONDUCTOR CASING:
 30" Welded Conductor Casing at 100' (cement to surface)

SURFACE CASING:
 20", 106.5 #/ft, J-55, BTC at 1520' MD (cement to surface)

INTERMEDIATE CASING #1:
 13 3/8", 68 #/ft, J-55 BTC at 5,034' MD (cement to surface)

9 5/8", 47 #/ft, HCL-80, BTC from 0' to 5,000' MD
 9-5/8" 47#/ft, 25CRS-80 from 5,000' to 7,216' MD
 9-5/8" 47#/ft, 28CRS-110 from 7,216' to 7,970' MD
 9-5/8" 47#/ft, 25CRW-125 from 7,970' to 9,000' MD
 9 5/8", 47 #/ft, HCL-80, BTC from 9,000' to 12,250' MD

PRODUCTION CASING:
 7", 32 #/ft, P-110 TCPC, BTC from 0' to 17,299' (cement to surface)
 G3 Nickel Alloy at bottom 300' of 7" casing

TUBING:
 3 1/2", 9.2 #/ft, G3-110 VAMTOP to 17,250' MD
 Inconel Packer Set at 17,250' MD
 Packer Fluid: Corrosive resistant Diesel

Primary Injection Target
 Siluro-Devonian: Thirtyone, Wristen and Fusselman

Casing	Casing Set Depth (ft)	Cement Details	Designed Top of Cement
24" Conductor	100	82 sks of Neat 14.8 ppg	Surface Cement Circulated
20" Surface	1,520	Lead: 1,680 sks of 12.9 ppg, 1.97 ft ² /sk of Class C Tail: 200 sks of 14.8 ppg, 1.34 ft ² /sk of Class C	Surface Cement Circulated
13-3/8" Intermediate #1	5,034	Lead: 1,450 sks of 11.8 ppg, 2.453 ft ² /sk of Class C Tail: 200 sks of 14.5 ppg, 1.38 ft ² /sk of CorrosCem	Surface Cement Circulated
9-5/8" Intermediate #2	12,250	Multi-stage Cement Stage Lead 1: 892 sks of 12.5 ppg, 1.63 ft ² /sk of Class H Stage 1 Tail: 100 sks of 15.6 ppg, 1.18 ft ² /sk of Class H Stage 2 Lead: 362 sks of 12.0 ppg, 1.75 ft ² /sk of CorrosaCem Stage 3 Lead: 850 sks of 12.5 ppg, 1.63 ft ² /sk of Class C Stage 3 Tail: 200 sks of 14.8 ppg, 1.32 ft ² /sk of Class C	Surface Cement Circulated
7" Production	17,299	Multi-stage Cement Stage 1 Lead: 263 sks of 12.5 ppg of CorrosaCem Stage 1 Tail: 200 sks of 15.6 ppg of CorrosaCem Stage 2 Lead: 1,013 sks of 12.0 ppg, 1.63 ft ² /sk of Class H Stage 2 Tail: 200 sks of 12.5 ppg, 1.18 ft ² /sk of Class H	Surface Cement Circulated

30-025-55805
 Copperhead AGI #1
 Updated Logging and Coring Program

Hole Section		Logging Program	Depth Interval
Surface			0 - 1,520'
	Openhole	None - Fluid Caliper	
	Cased Hole	Cement Bond Log	
1st Intermediate			1,520' -5,034'
	Openhole	GR/Resistivity/Sonic/Caliper	
	Cased Hole	Cement Bond Log	
2nd Intermediate			5,034' - 12,250'
	Openhole	GR/Resistivity/Sonic/Caliper	
	Cased Hole	Cement Bond Log	
Production			12,250'-17,299'
	Openhole	GR/Flex(Lithoscanner),MRI, FMI, Sonic, Caliper, Sidewall Cores	
	Cased Hole	Cement Bond Log	
Injection			17,299' - 18,699'
	Openhole	GR/Flex(Lithoscanner), MRI, FMI, Sonic, Caliper, Sidewall Cores	

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CONDITIONS

Action 546469

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 546469
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	All previous COA's still apply.	2/11/2026