

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

WELL API NO.	30-025-42139
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/>	
6. State Oil & Gas Lease No.	NA
7. Lease Name or Unit Agreement Name	
Monument AGI D	
8. Well Number	#2
9. OGRID Number	24650
10. Pool name or Wildcat AGI: Devonian	

**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: Acid Gas Injection Well ☒

2. Name of Operator  
Targa Midstream Services LLC

3. Address of Operator  
1000 Louisiana, Houston, TX 77002

4. Well Location  
Unit Letter O : 685 feet from the SOUTH line and 2,362 feet from the EAST line  
Section 36 Township 19S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,384 (GR)

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 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: (Acid Gas Injection Start-up) <input type="checkbox"/>	
OTHER: (COMPLETION) <input checked="" 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.

Currently the well has been drilled to a total depth of 9,210 feet (9,198 TVD) with open hole from 8,350 feet to TD as shown on Figure 1. A summary of the completion procedure is as follows:

- TIH with 2 7/8-inch work string and slowly remove RBP from 8,275 feet
- RIH with gauging ring to 8,320 feet for permanent packer
- Install permanent packer on wire-line at approximately 8,310 feet
- TIH with work string, test packer and casing, and acidize with 20,000 gals 15% HCl
- TOOH and lay down work string tubing
- TIH with CRA Seal Bore Assembly, PT subs (and control tubing), CRA tubing, 3.5-inch tubing, SSSV (and control tubing) while hydro-testing each connection (see schematic)
- Locate top of seal bore and space out with tubing subs
- Reverse circulate 300 bbls diesel packer fluid with biocide and corrosion inhibitor
- Sting into seal bore, complete wellhead, and rig down service rig
- Open SSSV, test tubing, RIH and retrieve blanking plug
- Run witnessed MIT per NMOCD guidelines
- Conduct Step-Rate Test with down-hole PT bomb and wait 7 days for falloff
- RIH to retrieve pressure bomb and set check valve

Standard Proposed Step-Rate Test Intervals						
Step	Rate (bpm)	Time Intervals (minutes)*		Volume (bbls)		Maximum Cum (bbls)
		Minimum	Maximum	Minimum	Maximum	
1	0.5	20	30	10.0	15.0	15.0
2	1.0	20	30	20.0	30.0	45.0
3	1.5	20	30	30.0	45.0	90.0
4	2.0	20	30	40.0	60.0	150.0
5	3.0	20	30	60.0	90.0	240.0
6	4.0	20	30	80.0	120.0	360.0
7	5.0	20	30	100.0	150.0	510.0
8	6.0	20	30	120.0	180.0	690.0
<b>Totals</b>		<b>160</b>	<b>240</b>			
<div> <div>2.7</div> <div>4.0</div> <div>Duration (hrs)</div> </div>						

\* injection step can be extended up to 30 minutes to allow for pressure stabilization

Spud Date:

November 23, 2016

Rig Release Date:

January 13, 2017

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

SIGNATURE Dale T Littlejohn TITLE Consultant to Targa Midstream LLC DATE 1-13-17

Type or print name Dale T. Littlejohn E-mail address: dale@geolex.com PHONE: 505-842-8000

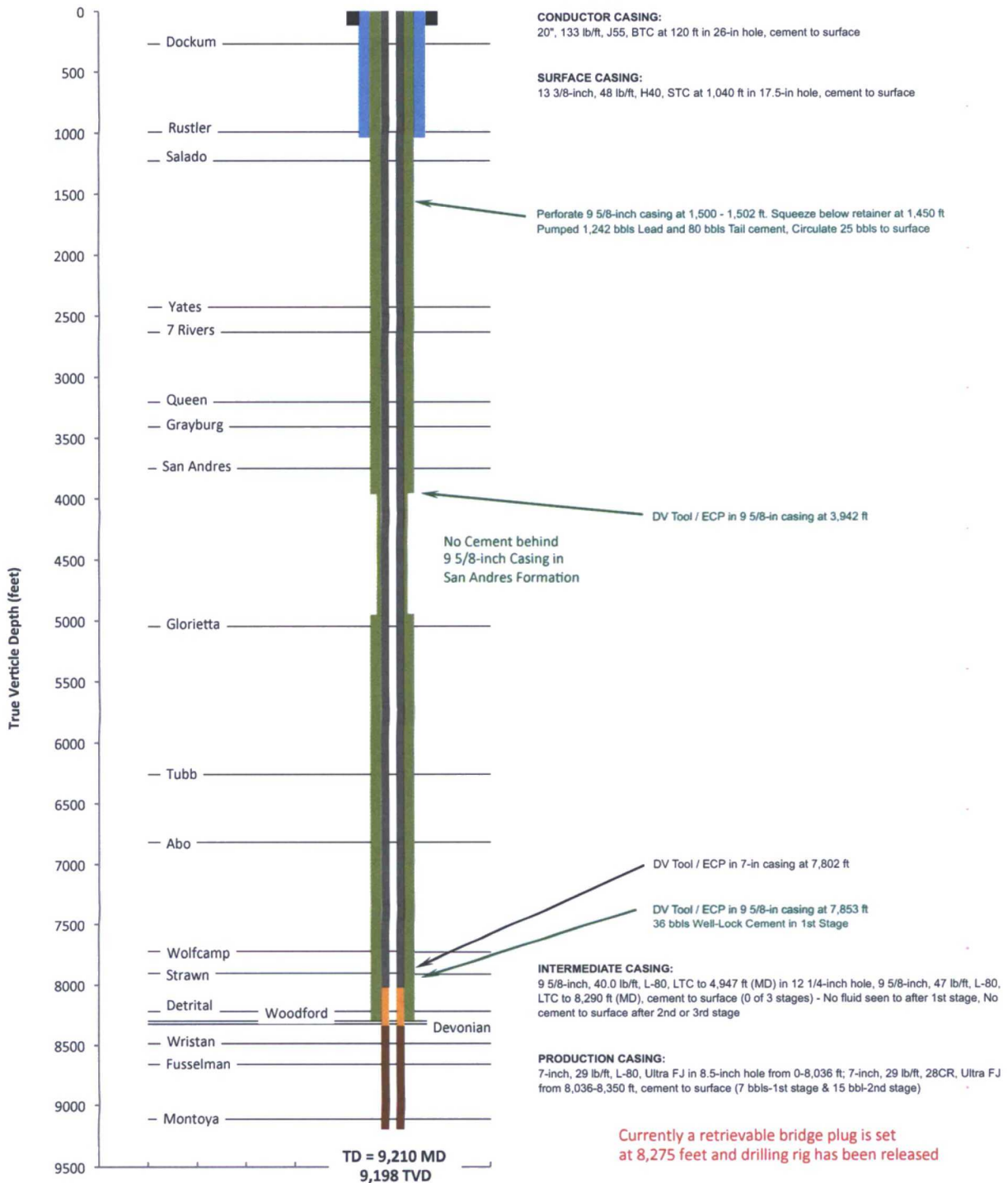
**For State Use Only**

APPROVED BY: [Signature] TITLE \_\_\_\_\_ DATE 01/13/17  
 Conditions of Approval (if any): \_\_\_\_\_

**Well Name:** Targa Monument AGI #2 (API: 30-025-43470)

Surface Location: Section 36(O), T19S-R36E, (685' FSL & 2362' FEL)  
Lea County, New Mexico - GL: 3,584' (KB: 25')

**GEOLEX**  
INCORPORATED



TD Location: Section 36(O), T19S-R36E, (729' FSL & 2138' FEL)  
Lea County, New Mexico - GL: 3,584' (KB: 25')



**TARGA**

**Targa Monument AGI D #2**

**Figure 1**

**Wellbore Completion Schematic**

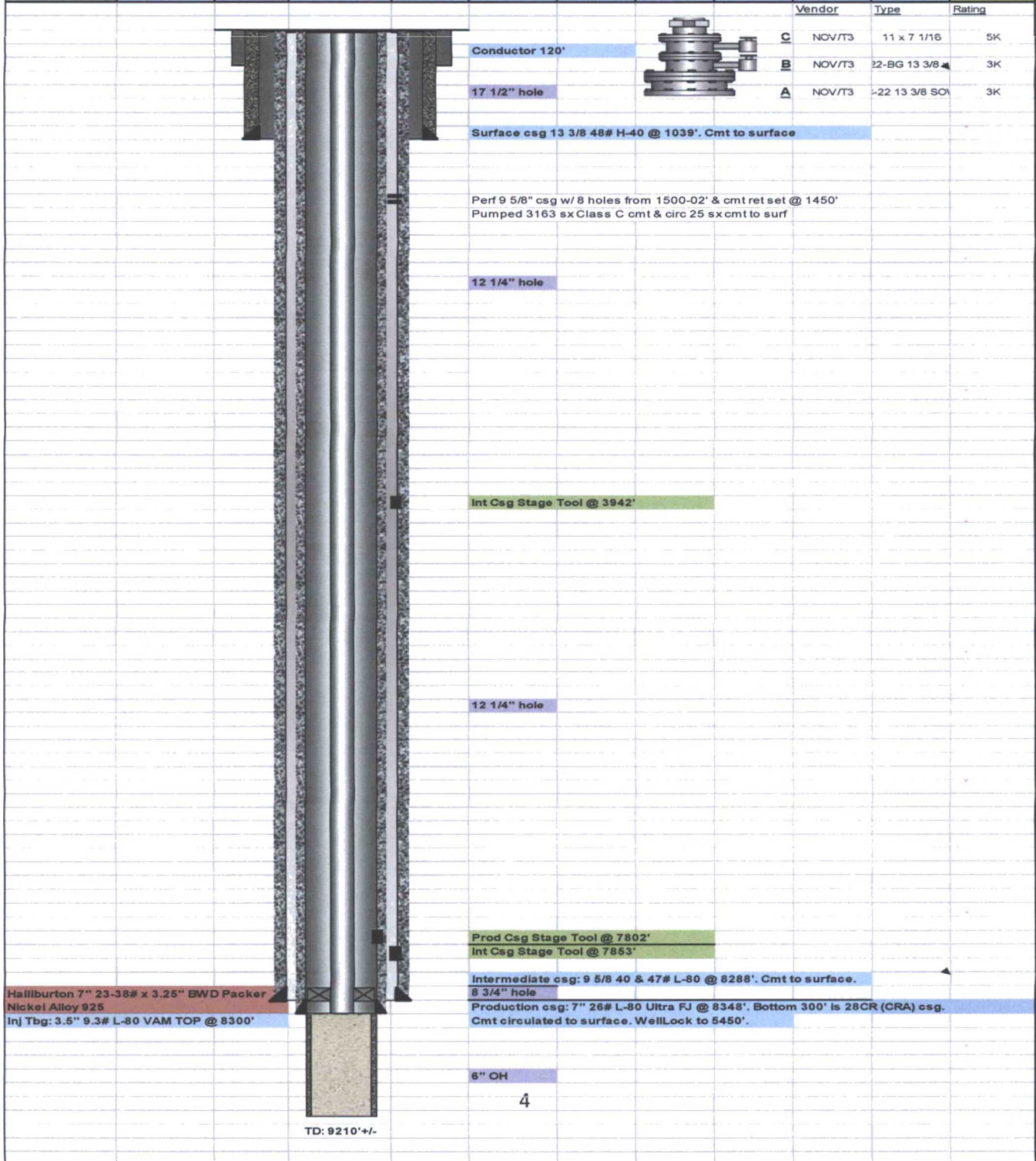
**January 13, 2017**



P.O.Box 272  
Midland, Texas 79702  
Ofc: 432-620-9181  
Fax: 432-570-0102

## Cambrian Management EXECUTIVE SUMMARY WELLBORE DIAGRAM

WELL NAME:	Monument AGI #2	FIELD:		STATE:	New Mexico				
LOCATION:	S36-19S-R36E 68S' FSL & 2362' FBL	COUNTY:	Lea	Spud	TD	Completion			
ELEVATION:	3571'	Updated	01/10/17	DATE					
API#	30-025-43470				TVD	9210	PSTD	Permit Depth	
Drill Contractor	Patriot Rig #5	PREPARED	C. Gaddy		Total Depth	9200		9210	
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC
Cond CASING:	120		20						
Surf CASING:	1039	17 1/2	13 3/8	48	H-40	STC	Class C	929 sx	Surf
Int CASING:	8288	12 1/4	9 5/8	40 & 47	L-80	LTC	WellLock, Class C	60 bbl, 5645 sx	Surf
Long CASING:	8348	8 3/4	7	29	L-80 & 28CR	Ultra FJ	WellLock, Class C	1 bbl, 177 sx	Surf
Liner									
OH:	8360-9210	6							
Tubing:	8300		3 1/2	9.3	L-80	VAM TOP			





5