

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name <i>Targa Northern Delaware</i>	API Number <i>30-025-40448</i>
Property Name <i>Red Hills AGI</i>	Well No. <i>1</i>

7. Surface Location

UL - Lot <i>I</i>	Section <i>13</i>	Township <i>24S</i>	Range <i>33E</i>	Feet from <i>1600</i>	N/S Line <i>S</i>	Feet From <i>150</i>	E/W Line <i>E</i>	County <i>Lea</i>
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Well Status

TA'D Well YES <input type="radio"/> NO <input checked="" type="radio"/>	SHUT-IN YES <input checked="" type="radio"/> NO <input type="radio"/>	INJECTOR INJ <input type="radio"/> SWD <input type="radio"/>	PRODUCER OIL <input type="radio"/> GAS <input type="radio"/>	DATE <i>3/20/2025</i>
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OBSERVED DATA *AGI well*

	(A)Surf-Interm	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	<i>0</i>	<i>0</i>		<i>0</i>	<i>1304</i>
Flow Characteristics					
Puff	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	CO2 _____
Steady Flow	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	WTR _____
Surges	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	GAS _____
Down to nothing	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	If applicable type
Gas or Oil	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	fluid injected for
Water	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	<i>Y</i> / <i>N</i>	Waterflood

Remarks: Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

AGI/BHT-OK

Signature:		OIL CONSERVATION DIVISION
Printed name:		Entered into RBDMS
Title:		Re-test
E-mail Address:		
Date:	Phone:	
Witness: <i>Barbara J. [Signature]</i>		

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

Form C-105
Revised July 18, 2013

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

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.)		WELL API NO. 30-025-40448
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Targa Northern Delaware, LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 811 Louisiana St Suite 2100, Houston TX, 77002		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter I : 1600 feet from the S line and 150 feet from the E line Section 13 Township 24S Range 33E NMPM County Lea		8. Well Number 40448
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3574		9. OGRID Number 331548
		10. Pool name or Wildcat

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: MIT ☒

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.

The mechanical integrity test (MIT) was conducted on March 20, 2025. Barbara Lydick (NMOCD) was on-site to oversee and approve the MIT and bradenhead test (BHT).

Initial Annular Pressures:

- Surface/Intermediate: 540 psi,
 - Tubing: 1304 psi.

Below is a step-by-step summary with results:

1. Intermediate and surface casing annular spaces were bled down completely to the atmosphere (see BHT) and lines from the diesel pump truck and a calibrated chart recorder were attached to the production annular space well valve to record pressure changes during the MIT. The diesel from the production annular space was completely bled into the pump truck and at 11:00 AM the chart recorder was started.

2. Diesel was slowly added from the pump truck to achieve the beginning test pressure. The well and chart recorder was then isolated from the truck and the MIT began at 11:00 AM with the annular pressure at 540 psi.

3. The chart recorded the annular pressure until 11:30 AM (30 minutes). Diesel was then bled back to 0 psi and the chart was removed from the recorder.

4. During the test, the annular pressure dropped from 540 to 520 psi, a decrease of 20 PSI, but remained consistent for the final 20 minutes. The surface and intermediate casing valves were closed following the MIT.

The MIT pressure chart, BHT documentation, well bore diagram, and chart recorder calibration sheet are attached.

Spud Date: **2013-10-23**

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

Matt Eales

DATE

04-07-2025

Type or print name

E-mail address:

PHONE:

For State Use Only

APPROVED BY:

TITLE

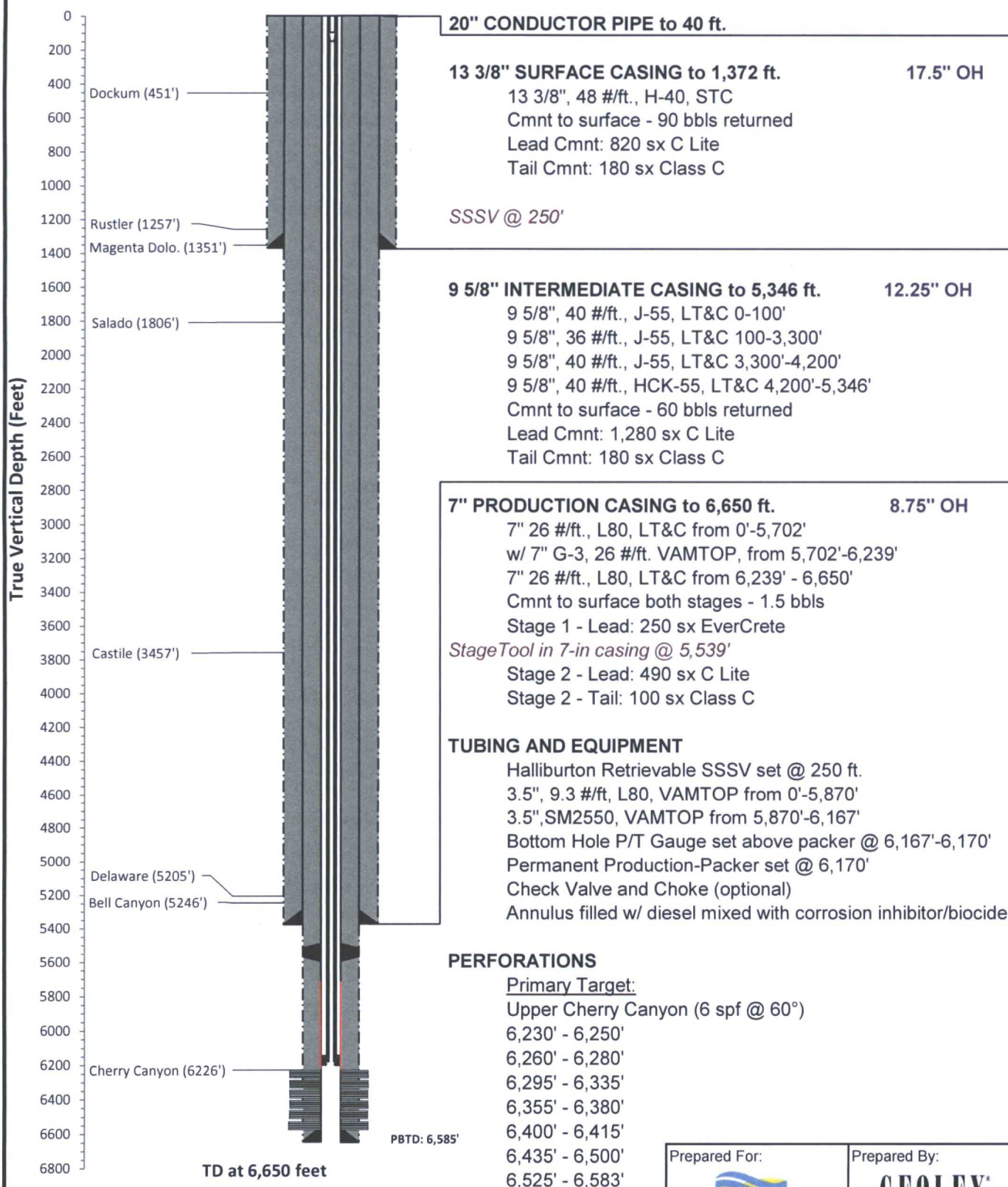
DATE



Lucid Energy Red Hills AGI #1 Well Schematic with Proposed Completion

Well Name: Red Hills AGI #1
API: 30-025-40448
STR: Sec. I-13, T24S-R33E
County, St. Lea County, New Mexico

Footage 1600' FSL & 150' FEL
Well Type AGI Exploratory Cherry Canyon
KB/GL: 3596/3580
Lat, Long: 32.214586, -103.517520



Schematic is properly scaled

Prepared For:



Prepared By:

GEOLEX
 INCORPORATED

HALLIBURTON

Red Hills AGI #1
Lea County New Mexico
8/8/17

Company Rep.
Sales Rep.
Office

GEOLEX
INCORPORATED

Jared Smith
Lynn Talley
432-682-4305

Installation	Depth	Length	Jts.	Description	OD	ID
	22			KB Correction		
	21			Tubing Hanger		
	20			22) 3 1/2" 9.2# L-80 VAMTOP L-80 Tubing	3.540	2.992
	19			21) Double Pin Sub	3.540	2.992
				20) Tubing Subs (As Required)	3.540	2.992
				19) 3 1/2" 9.2# L-80 VAMTOP L-80 Tubing	3.540	2.992
	18			18) 6' x 3 1/2" 9.2# L-80 VAMTOP Box x Pin Tubing Sub	3.540	2.992
	17			17) 3 1/2" NE HES SSSV w/Alloy 825 Control Line	5.300	2.813
	16			16) 6' x 3 1/2" 9.2# L-80 VAMTOP Box x Pin Tubing Sub	3.540	2.992
	15			15) 3 1/2" 9.2# L-80 VAMTOP Tubing	3.540	2.992
	14			14) 3 1/2" 9.2# SM2550, VAMTOP Tubing	3.540	2.992
	13			13) 2.75" X Nipple 3 1/2" 9.2# VAMTOP Box x Pin NI 925	3.937	2.750
	12			12) 6' x 3 1/2" 9.2# VAMTOP Box x Pin Nickel Alloy 925 Sub	3.540	2.992
	11			11) ROC® Gauge Mandrel 3 1/2" 9.2# VAMTOP NI 925	4.66	2.992
	10			10) 6' x 3 1/2" 9.2# VAMTOP Box x Pin Nickel Alloy 925 Sub	3.540	2.992
	9			9) 4.00" Landed Seal Asmbly 9.2# VAMTOP Nickel Alloy 925	4.470	2.883
	8			8) 7" 26-32# x 4.00" BWD Packer Nickel Alloy 925	5.875	4.000
	7			7) 4.00" x 8' PBR Nickel Alloy 925	5.032	2.992
	6			6) 4.00" PBR Adapter x 9.2# VAMTOP BxP Nickel Alloy 925	5.680	2.963
	5			5) 8' x 3 1/2" 9.2# VAMTOP BxP Tbg Sub Nickel Alloy 925	3.540	2.992
	4			4) 2.562" R Nipple 3 1/2" 9.2# VAMTOP Box x Pin NI 925	3.937	2.562
	3			3) 8' x 3 1/2" 9.2# VAMTOP BxP Tbg Sub Nickel Alloy 925	3.540	2.992
	2			2) 2.562" RN Nipple 3 1/2" 9.2# VAMTOP Box x Pin NI 925	3.937	2.329
	1			1) 3 1/2" 9.2# VAMTOP NI 925 Pump Out Plug w/Std Insert	3.937	2.992

102309760

102105079

101303583

120051359

101719647

102204262

Sante Fe Main Office
Phone: (505) 476-3441

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 449208

CONDITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 449208
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	7/25/2025