

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.	30-025-40420
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Maljamar AGI
8. Well Number	#1
9. OGRID Number	221115
10. Pool name or Wildcat	Wildcat (Lower Wolfcamp)
4. Well Location Unit Letter <u>O</u> : <u>130</u> feet from the SOUTH line and <u>1,813</u> feet from the EAST line Section <u>21</u> Township <u>17S</u> Range <u>32E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,016 (GR)	

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: Mechanical Integrity Test ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work).

The MIT was conducted on Wednesday, April 24, 2024. Gary Robinson (NMOCD) was on site to approve the MIT and conduct a Bradenhead Test (BHT). Below is a step-by-step summary with results:

- One day prior to the start of the MIT the annular space pressure between the casing and tubing was 464 psi and 478 MCFGPD of treated acid gas (TAG) was being injected at a tubing pressure of 2,360 psi. The valve for the annular space was left open overnight to vent a suspected air bubble in the packer fluid.
- Lines from the diesel pump truck and a calibrated chart recorder were attached to the annular space well valve.
- At 2:02 pm (MT) diesel was added from the pump truck to achieve the beginning test pressure. The well and chart recorder were then isolated from the truck.
- The MIT began at 2:05 pm with an initial annular space pressure of 600 psi.
- The chart recorded the annular space pressure until 2:38 pm (33 minutes). The diesel was then bled back into the pump truck and the chart was removed from the recorder prior to adding 300 psi for the operating pressure.
- During the test, the annular space pressure dropped from 600 to 560 psi: a decrease of 40 psi (6.7%) with the final 15 minutes remaining stable. Surface and intermediate casing pressures remained at 3 psi and 0 psi throughout the test.

Please see the attached MIT pressure chart, BHT Report, well completion diagram, and chart recorder calibration sheet.

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

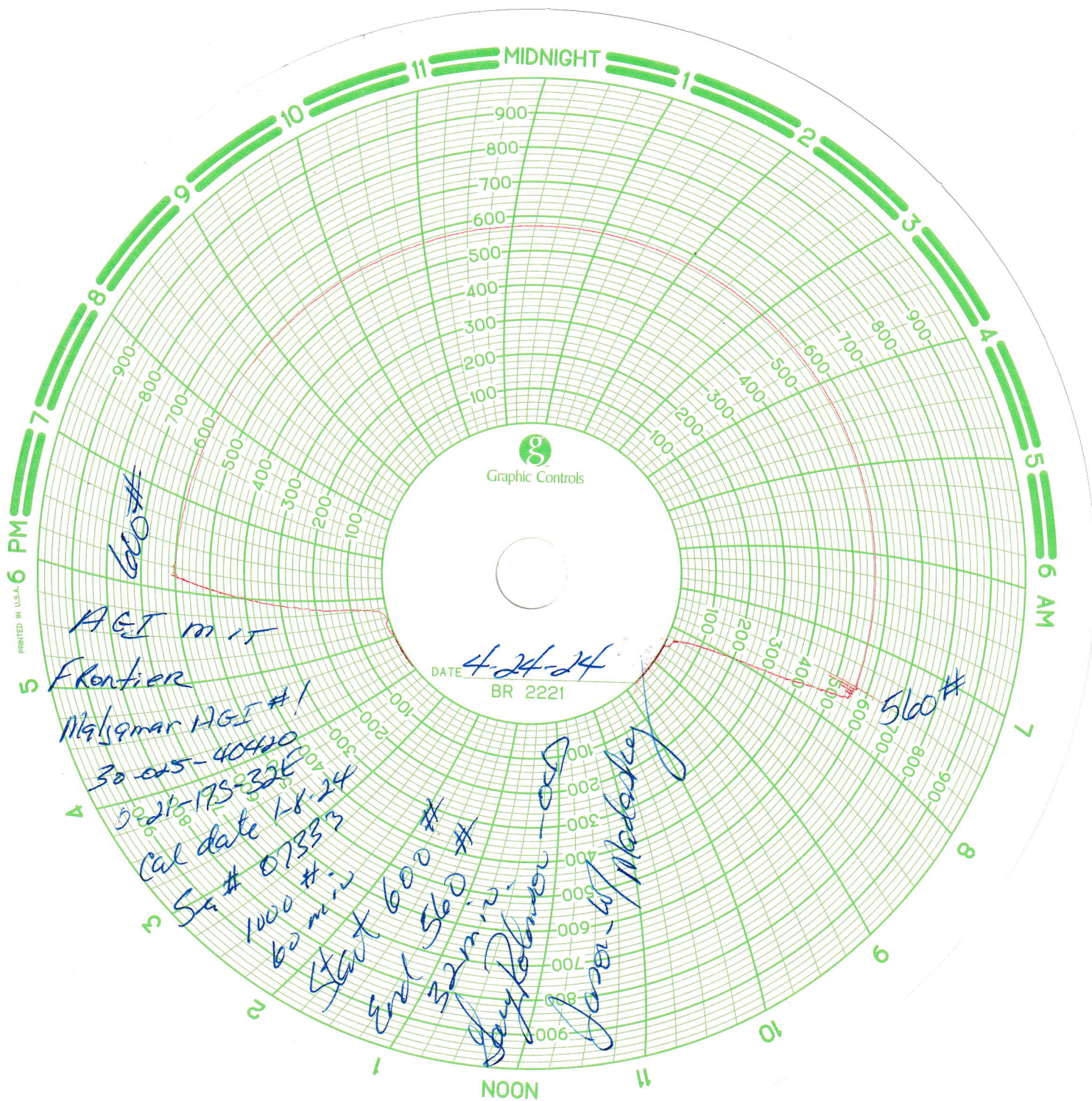
SIGNATURE Dale T. Littlejohn TITLE Consultant to Durango Midstream DATE 4/25/24

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 4/26/24

Conditions of Approval (if any):





District I  
1525 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6151 Fax: (575) 393-6720

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

## BRADENHEAD TEST REPORT

Operator Name <b>B Frontier</b>		API Number <b>30-025-40420</b>	
Property Name <b>MALJAMAR AGI</b>		Well No. <b>#1</b>	

## 1. Surface Location

UL - Lot <b>0</b>	Section <b>21</b>	Township <b>17S</b>	Range <b>32E</b>	Feet from <b>130</b>	NS Line <b>S</b>	Feet from <b>1813</b>	EAV Line <b>E</b>	County <b>LEA</b>
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## Well Status

TAPED WELL YES	NO	SHUT-IN YES	NO	INJECTOR NO	SWD	PRODUCER OIL	GAS	DATE <b>4-24-24</b>
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**Acid Gas Well**  
**OBSERVED DATA**

	(A) Surface	(B) Interm (1)	(C) Interm (2)	(D) Prod Csg	(E) Tubing
Pressure	<b>3</b>	<b>0</b>		<b>464</b>	<b>2889</b>
Flow Characteristics	<b>Monitor</b>	<b>monitor</b>			
Puff	Y / N	Y / N	Y / N	Y / N	CO2 WTR GAS Type of fluid Is packed for Wirehead & LPT
Steady Flow	Y / N	Y / N	Y / N	Y / N	
Surges	Y / N	Y / N	Y / N	Y / N	
Down to nothing	Y / N	Y / N	Y / N	Y / N	
Gas or Oil	Y / N	Y / N	Y / N	Y / N	
Water	Y / N	Y / N	Y / N	Y / N	

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

**4-23-24 - Prod csg had 464# on it - blew 12 BBLs of diesel/gas into truck for 1h. 15 min - pressure dropped to 110# - I mention decided to get a flare tank to blow it into. Let blow all night to zero -**  
**4-24-24 9:00 AM shut prod. csg - re-checked @ 12:00 PM had 0#**  
**Went ahead and did M.I.T.**

Signature:		OIL CONSERVATION DIVISION	
Printed name:		Entered into RBDMS	
Title:		Re-test	
E-mail Address:		<b>AK</b>	
Date:	Phone:		
Witness: <b>Grey Tolson</b>			

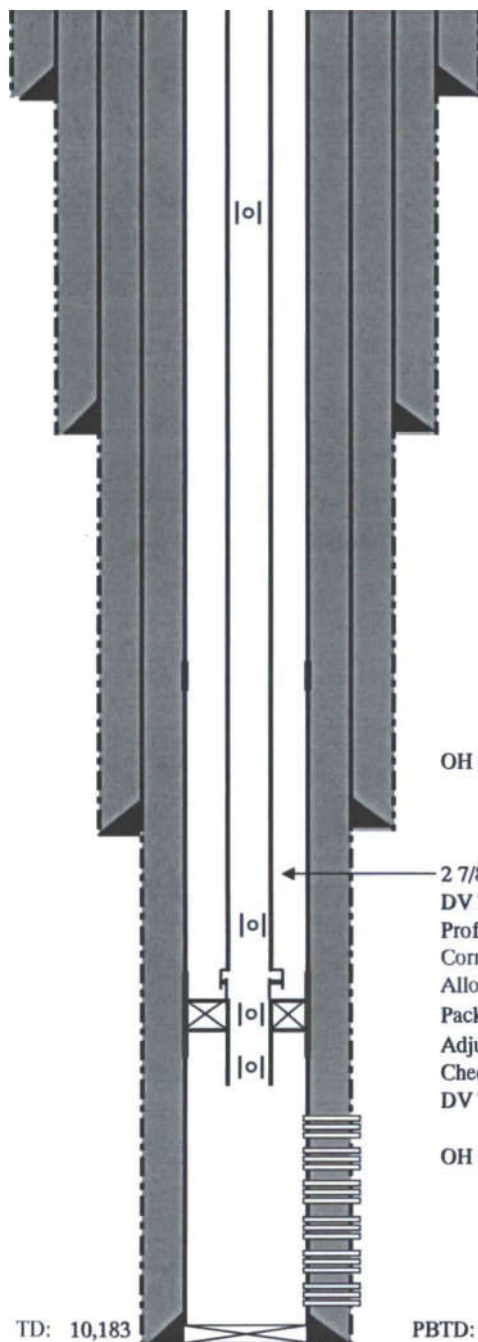


# **MALJAMAR AGI #1** **AS BUILT WELL SCHEMATIC**

**GEOLEX**  
INCORPORATED

**Location:** 130' FSL & 1831' FEL  
**STR** Section 22-T17S-R32E  
**County, St.:** LEA COUNTY, NEW MEXICO

## **VERTICAL**



### **CONDUCTOR CASING**

20" Conductor at 40'

### **SURFACE CASING**

13 3/8", 48.00#/ft, H40, STC at 890'

Cemented to Surface

### **INTERMEDIATE CASING:**

8 5/8", 24.0 #/ft, J55, STC at 4,230'

Cemented to Surface; verified w/CBL

### **PRODUCTION CASING:**

5 1/2", 17 #/ft, L-80, LTC at 10,183'

Cemented to Surface; verified w/CBL

### **DEVIATION:**

Stuck string at ~5,200'. Req'd cmt plug 5,517'-5,800'

Re-drill w/total deviation ~17' from original track, returned to track at ~6,100'

### **ANNULAR FLUID:**

Diesel Fuel from top of packer to surface

### **TUBING:**

SSSV at 295'.

2 7/8", 6.5#/ft, L-80, Prem at 9,452'

### **PACKER:**

Permanent Injection Packer @ 9,452'

Adj. Choke (if needed, placed in nipple below packer)

Check valve (if needed, placed in nipple below packer)

### **PERFORATIONS:**

#### **Upper Wolfcamp Formation**

9,579'-9,732'

#### **Middle Wolfcamp Formation**

9,768'-9,821'

9,850'-9,917'

9,979'-9,997'

#### **Lower Wolfcamp Formation**

10,009'-10,025'

10,090'-10,130'



# MACLASKEY OILFIELD SERVICES

5900 WEST LOVINGTON HWY. HOBBS, N.M. 88240  
505-395-1016

THIS IS TO CERTIFY THAT:

DATE: 1-8-24

I, Albert Rodriguez METER TECHNICIAN FOR MACLASKEY OILFIELD SERVICES, INC. HAS CHECKED THE CALIBRATION ON THE FOLLOWING INSTRUMENT. 1000 PRESSURE RECORDER

SERIAL NUMBER

07333

TESTED AT THESE POINTS.

PRESSURE <u>500</u>		
TEST	AS FOUND	CORRECTED
<u>0</u>	<u>100</u>	<u>✓</u>
<u>100</u>	<u>200</u>	<u>✓</u>
<u>200</u>	<u>300</u>	<u>✓</u>
<u>300</u>	<u>400</u>	<u>✓</u>
<u>400</u>	<u>500</u>	<u>✓</u>

PRESSURE <u>1000</u>		
TEST	AS FOUND	CORRECT
<u>500</u>	<u>600</u>	<u>✓</u>
<u>600</u>	<u>700</u>	<u>✓</u>
<u>700</u>	<u>800</u>	<u>✓</u>
<u>800</u>	<u>900</u>	<u>✓</u>
<u>900</u>	<u>1000</u>	<u>✓</u>

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SIGNED: Albert Rodriguez

**District I**  
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**District IV**  
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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 337933

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 337933
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	4/26/2024