

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-40420
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other: Acid Gas Injection Well <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>
2. Name of Operator Durango Midstream		6. State Oil & Gas Lease No.
3. Address of Operator 2002 Timberloch Place, Suite 110, The Woodlands, TX 77380		7. Lease Name or Unit Agreement Name Maljamar AGI
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>		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,016 (GR)		9. OGRID Number 221115
		10. Pool name or Wildcat Wildcat (Lower Wolfcamp)

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Mechanical Integrity Test <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).

The MIT was conducted on Thursday, April 27, 2023. 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:

- Prior to the start of the MIT, the valve for the annular space between the casing and tubing was left open overnight to purge a suspected air bubble. No treated acid gas (TAG) was being injected at a tubing pressure of 2,247 psi.
- Lines from the diesel pump truck and a calibrated chart recorder were attached to the annular space well valve.
- At 10:22 am (MT) approximately 2 bbls of 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 10:30 am with the annulus pressure at 600 psi.
- The chart recorded the annular pressure until 11:04 am (34 minutes). Diesel was then bled back into a frac tank to achieve an operating pressure of 335 psi. All the lines were disconnected from the well.
- During the test, the annulus 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 0 psi and 2 psi throughout the test.

Please see the attached MIT pressure chart, Bradenhead Test Report, and chart recorder calibration sheet.

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

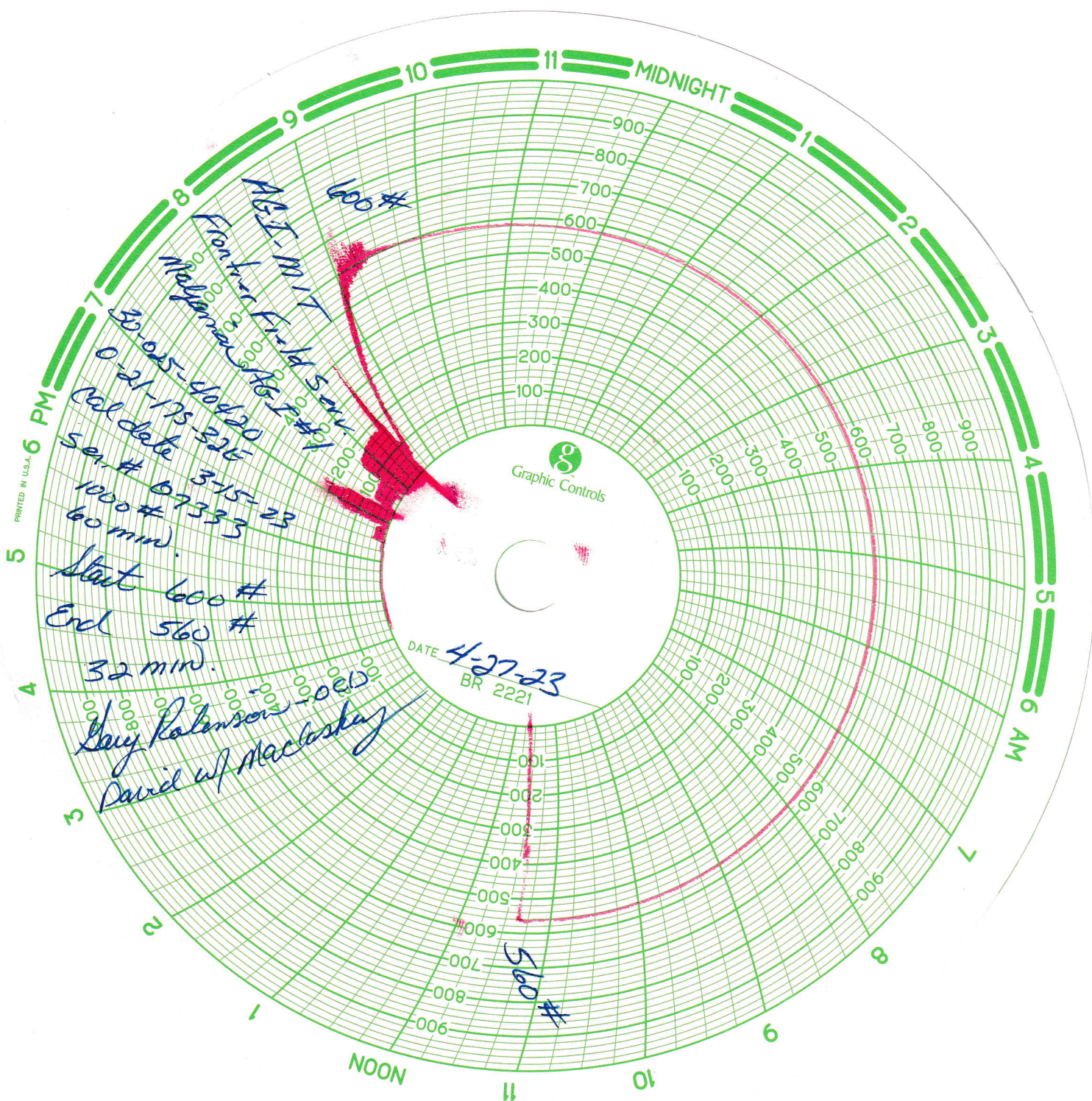
SIGNATURE Dale T. Littlejohn TITLE Consultant to Durango Midstream DATE 4/28/23

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

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):





District I  
1525 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6151 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 <b>Frontier Field Serv.</b>		API Number <b>30-025-40420</b>
Property Name <b>Maljamar AGI</b>		Well No. <b>#2</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>	N/S Line <b>S</b>	Feet from <b>1813</b>	E/W Line <b>E</b>	County <b>LEA</b>	

Well Status										
YES	TA'D WELL <b>NO</b>	YES	SHUT-IN <b>NO</b>	INJ	INJECTOR	SWD	OIL	PRODUCER	GAS	DATE <b>4-27-23</b>

**AGI Well**  
OBSERVED DATA

	(A) Surface	(B) Interm (1)	(C) Interm (2)	(D) Prod Csg	(E) Tubing
Pressure	<b>0</b>	<b>2</b>		<b>380</b>	<b>2247</b>
Flow Characteristics	<b>monitored</b>	<b>monitored</b>			<b>not injecting</b>
Puff	Y / N	Y / N	Y / N	Y / N	CO2
Steady Flow	Y / N	Y / N	Y / N	Y / N	WTR
Surges	Y / N	Y / N	Y / N	Y / N	GAS <input checked="" type="checkbox"/>
Down to nothing	Y / N	Y / N	Y / N	Y / N	Type of fluid Delayed for Waterflood if applies
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.

**AGI BAT - OK**

**Left 300# on prod. csg after test.**

**Plant blew prod. csg. down before test.**

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

INSTRUCTIONS ON BACK OF THIS FORM

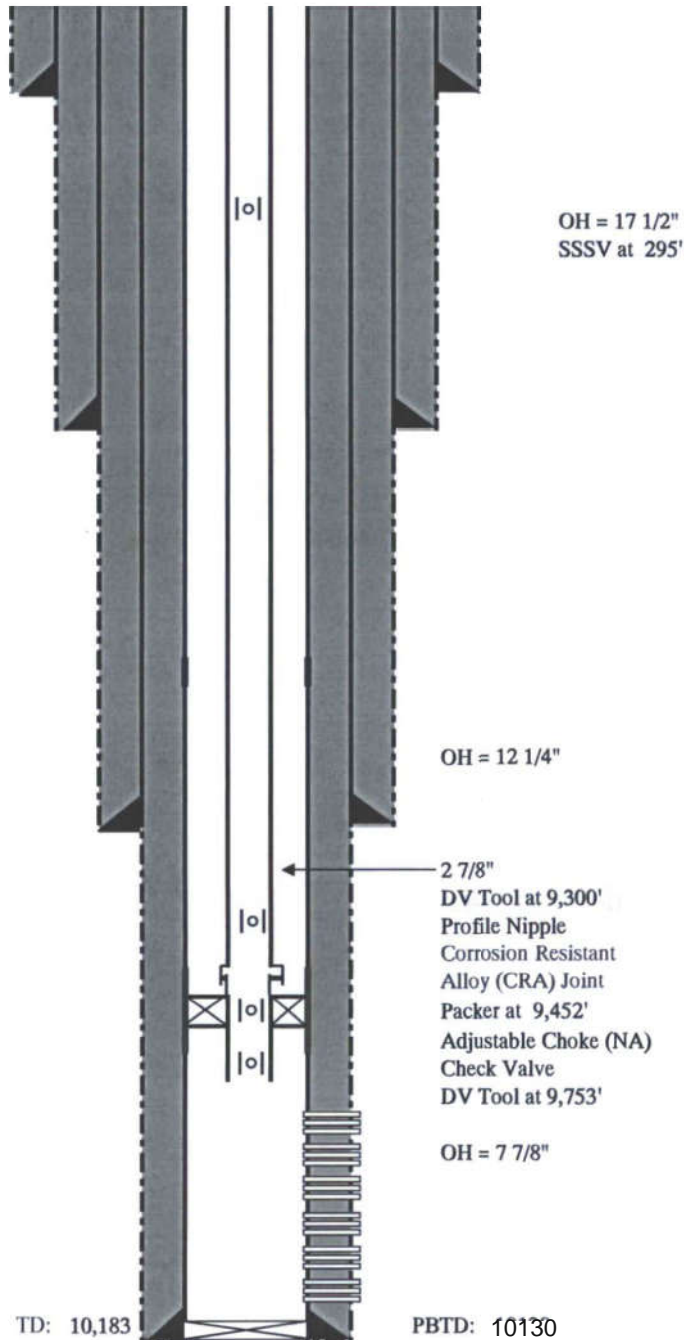


**MALJAMAR AGI #1  
AS BUILT WELL SCHEMATIC**

**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: 3-15-23

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

SERIAL NUMBER

07353

## 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>600</u>
<u>600</u>	<u>700</u>	<u>700</u>
<u>700</u>	<u>800</u>	<u>800</u>
<u>800</u>	<u>900</u>	<u>900</u>
<u>900</u>	<u>1000</u>	<u>1000</u>

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_SIGNED: Albert Advise

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**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 211553

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 211553
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	3/20/2024