

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

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. 30-025-40420
1. Type of Well: Oil Well ☐ Gas Well ☐ Other: Acid Gas Injection Well ☒		5. Indicate Type of Lease STATE ☐ FEE ☐ FEDERAL ☒
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 ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	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 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.

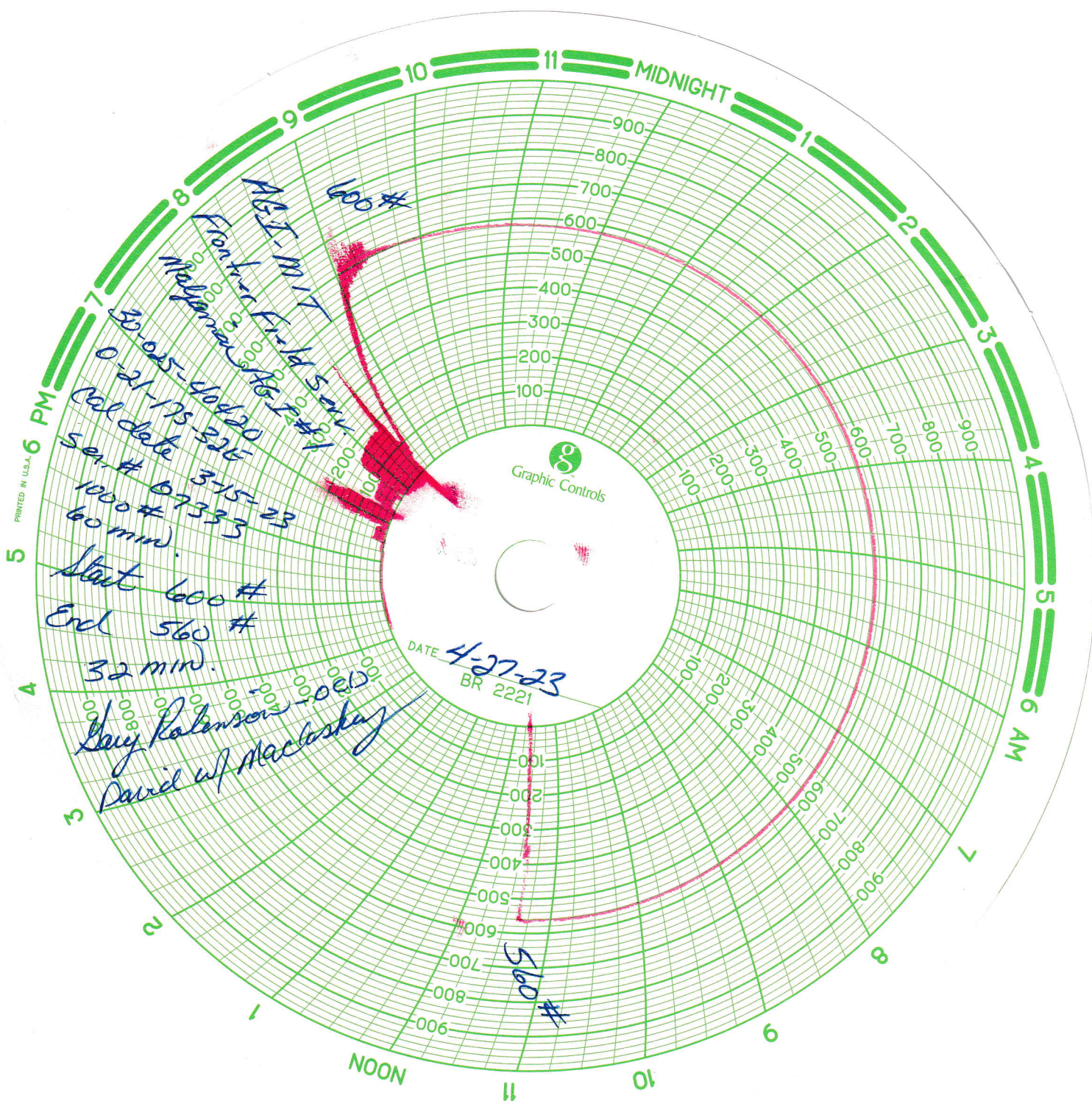
SIGNATURE Dale T. Littlejohn TITLE Consultant to Durango Midstream DATE 4/28/23

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 <i>Frontier Field Serv.</i>		API Number <i>30-025-40420</i>
Property Name <i>Maljamar AGI</i>		Well No. <i>#2</i>

1. Surface Location									
UL - Lot <i>0</i>	Section <i>21</i>	Township <i>17S</i>	Range <i>32E</i>	Feet from <i>130</i>	N/S Line <i>S</i>	Feet from <i>1813</i>	E/W Line <i>E</i>	County <i>LEA</i>	

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

AGI Well
OBSERVED DATA

	(A) Surface	(B) Interm (1)	(C) Interm (2)	(D) Prod Csg	(E) Tubing
Pressure	<i>0</i>	<i>2</i>		<i>380</i>	<i>2247</i>
Flow Characteristics	<i>monitored</i>	<i>monitored</i>			<i>not injecting</i>
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 ☒
Down to nothing	Y / N	Y / N	Y / N	Y / N	Type of fluid
Gas or Oil	Y / N	Y / N	Y / N	Y / N	Exposed for
Water	Y / N	Y / N	Y / N	Y / N	Waterhead if
					applies

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:	<i>Greg Robinson</i>	

INSTRUCTIONS ON BACK OF THIS FORM

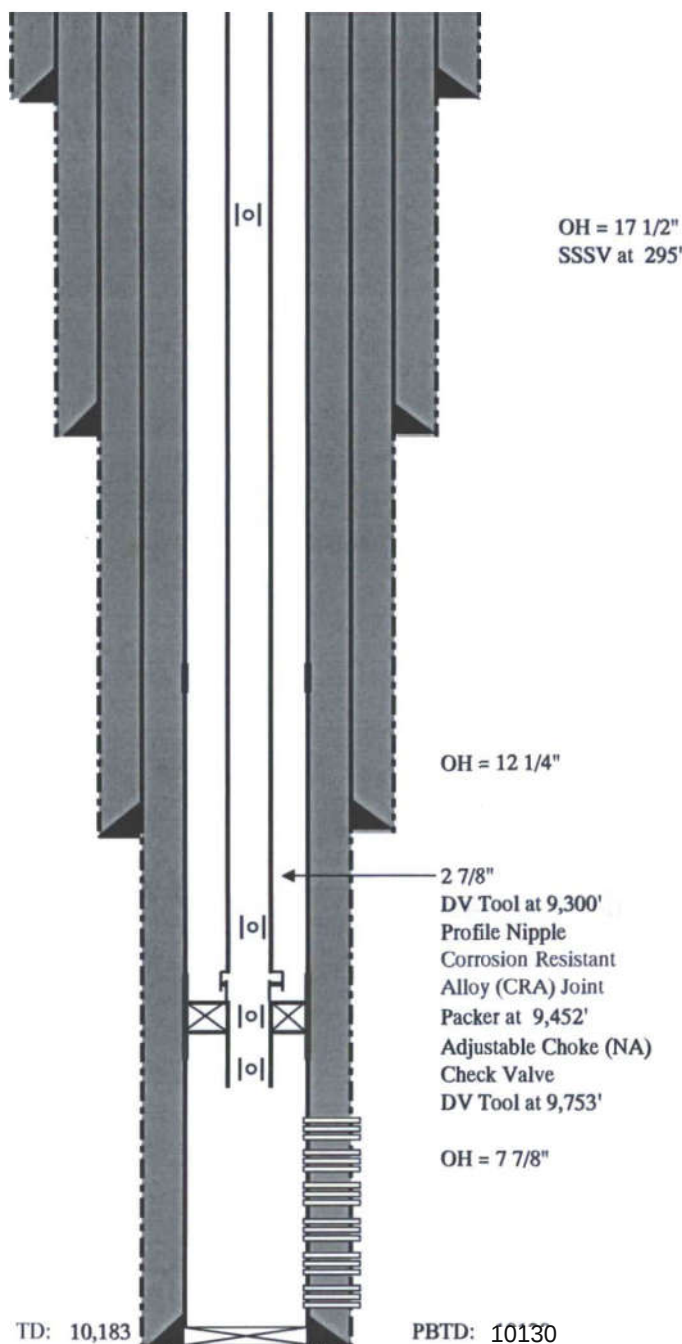


MALJAMAR AGI #1 **AS BUILT WELL SCHEMATIC**

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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 278148

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 278148
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/8/2023