

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. 30-025-48081
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 checked="" type="checkbox"/>
2. Name of Operator Ameredev Operating, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2901 Via Fortuna, Ste. 600, Austin, TX 78746		7. Lease Name or Unit Agreement Name Independence AGI
4. Well Location Unit Letter <u>C</u> : <u>829</u> feet from the NORTH line and <u>1,443</u> feet from the EAST line Section <u>20</u> Township <u>25S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,103 (GR)		9. OGRID Number 372224
		10. Pool name or Wildcat AGI: Devonian/Fusselman

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). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. This well is permitted under NMOCC Order #R-21455-A as a UIC Class II AGI well.

The MIT was conducted on Friday, July 30, 2021. Kerry Fortner (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 annular pressure between the production casing and tubing was 700 psi (see chart), injection was not occurring (new well), and the tubing pressure was 0 psi according to the crown gauge.
- Lines from the diesel pump truck and a calibrated chart recorder were attached to the annular space well valve to record the starting pressure. At 9:29 am the recorder was started, and the annular pressure was bled to 0 psi.
- At 9:39 am the valve from the well was opened and diesel was slowly 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 9:42 am with the annulus pressure at 595 psi.
- The chart recorded the annular pressure until 10:14 am (32 minutes). Diesel was then bled back to 0 psi and the chart was removed from the recorder. An operating pressure of 300 psi was then added prior to closing the main valve.
- During the test, the annulus pressure dropped from 595 to 580 psi: a decrease of 15 psi (2.5%). The surface and all three intermediate casing annular pressures remained at 0 psi throughout the test.

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

Spud Date: December 27, 2020 Rig Release Date: May 21, 2021

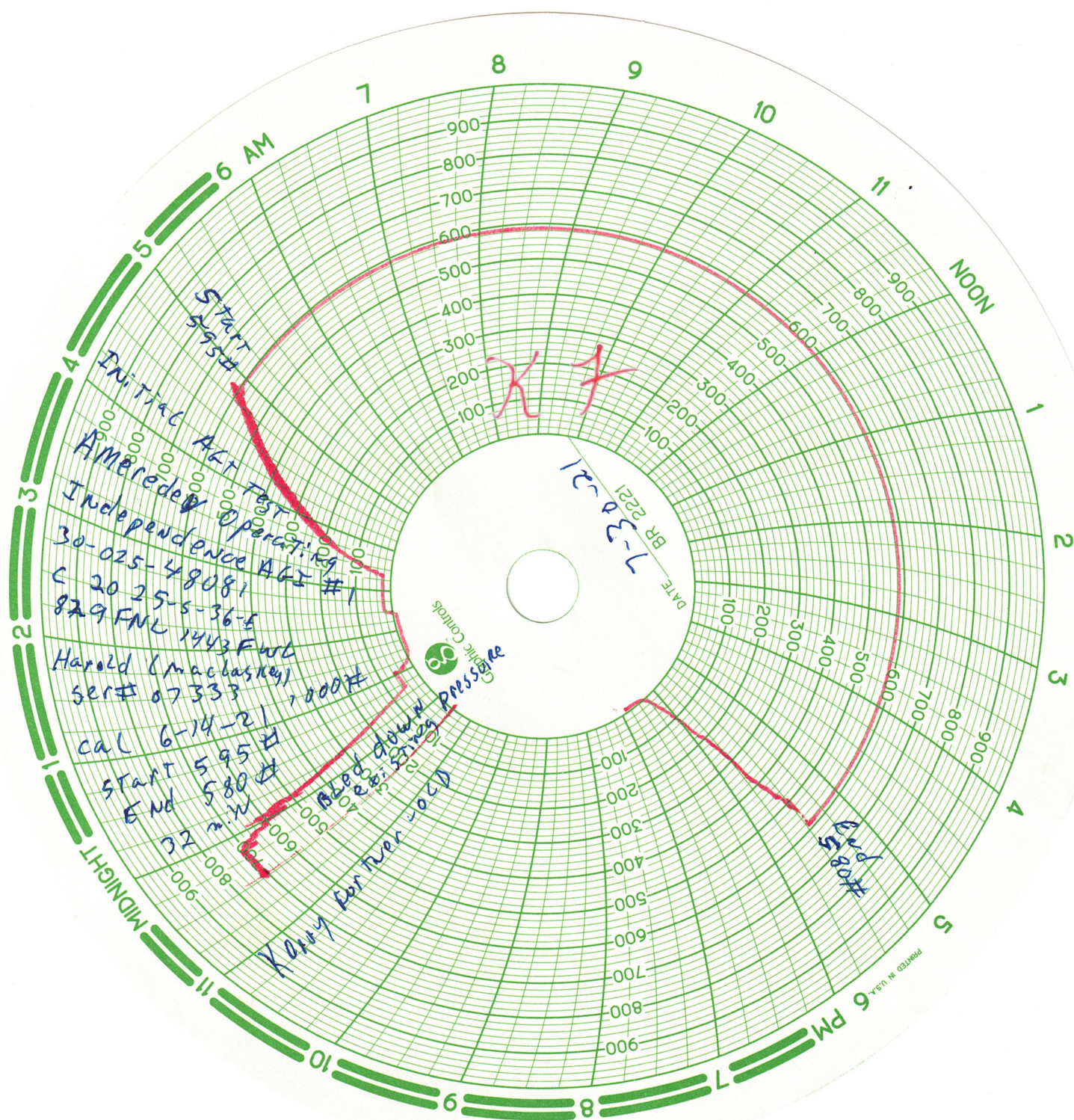
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Dale Littlejohn TITLE Consultant to Ameredev DATE August 1, 2021
 Type or print name Dale Littlejohn E-mail address: dale@geolex.com PHONE: 505-842-8000

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 1/7/22
 Conditions of Approval (if any)

575-263-6633



MACLASKEY OILFIELD SERVICES

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

THIS IS TO CERTIFY THAT:

DATE: 6-14-2021

I, Albert Redr. Sr. 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>710</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: Aduth

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 AMEREDEV OPERATING, LLC		API Number 30-025-48081	
Property Name INDEPENDENCE AGI		Well No. 1	

7. Surface Location

UL - Lot C	Section 20	Township 25-S	Range 36-E		Feet from 829	N/S Line N	Feet From 1443	E/W Line E	County LEA
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Well Status

TA'D WELL YES	NO	SHUT-IN YES	NO	INJ INJECTOR	SWD	OIL PRODUCER	GAS	DATE
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OBSERVED DATA

	(A) Surface	(B) Interm(1)	(C) Interm(2)	(D) Interm(3)	(E) Prod Csng	(F) Tubing
Pressure	0 psi (no change)	0 psi (no change)	0 psi (no change)	0 psi (no change)	700 psi	0 psi no injection
Flow Characteristics	Annulus was not opened	Annulus was not opened	Annulus was not opened	Annulus was not opened	Annulus was not opened	CO2 ____ WTR ____ GAS ____ Type of Fluid Injected for Waterflood if applies.
Puff	Y / N	Y / N	Y / N	Y / N	Y / N	
Steady Flow	Y / N	Y / N	Y / N	Y / N	Y / N	
Surges	Y / N	Y / N	Y / N	Y / N	Y / N	
Down to nothing	Y / N	Y / N	Y / N	Y / N	Y / N	
Gas or Oil	Y / N	Y / N	Y / N	Y / N	Y / N	
Water	Y / N	Y / N	Y / N	Y / N	Y / N	

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

Maclaskey Trucking (Harold)

Serial No. 07333

Calibration Date: 6/14/21

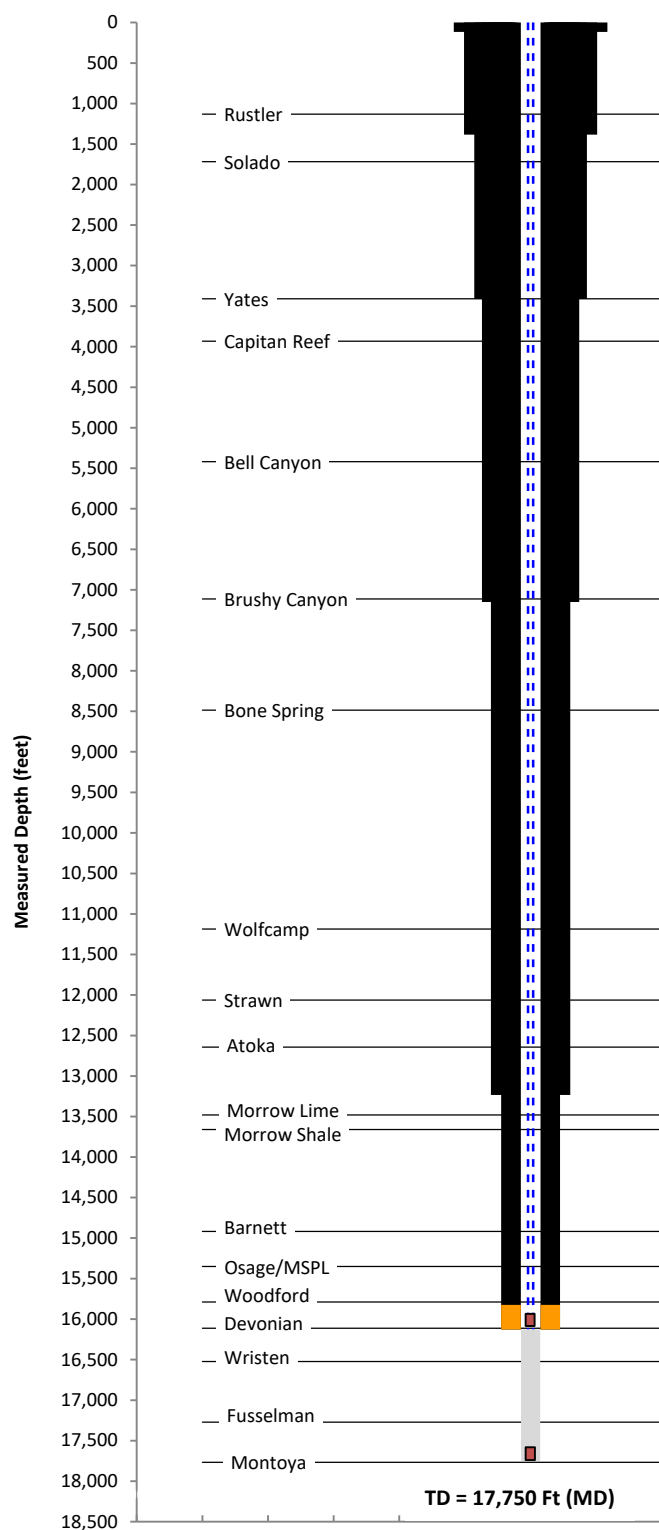
A digital copy will be submitted by Kerry Fortner (NMOCD)

Signature: 		OIL CONSERVATION DIVISION	
Printed name: Dale T. Littlejohn		Entered into RBDMS	
Title: Consultant to Ameredev Operating, LLC		Re-test	
E-mail Address: dale@geolex.com			
Date: 7/30/21	Phone: (505) 842-8000		
Witness:			

INSTRUCTIONS ON BACK OF THIS FORM

Well Name: Ameredev Independence AGI #1 (API: 30-025-48081)

Surface Location: Section 20, T-25-S, R-36-E, Lea Co., New Mexico
(829' FNL & 1443' FWL) - GL: 3,103' (KB: 24.5')

GEOLEX
INCORPORATED
**CONDUCTOR CASING:**

36", 125.72 lb/ft, at 116 ft, cement to surface

SSSV @ 280 ft

SURFACE CASING:

24-inch, X65, 186 lb/ft, XLF casing at 0-1,383 ft in 26-in hole (35 jts) , cmt to surf (129 sx)

1ST INTERMEDIATE CASING:

20-inch, NT-80DE, 133 lb/ft, BTC casing at 0-3,412 ft in 22-in hole, did not circ. cmt. to surf.
An additional 30 bbls of cement was placed with 3/4-inch spear, circulated to surface (29 sx)

DV/ECP in 13 5/8-in casing at 3,819 to 3,839 ft

DV/ECP in 13 5/8-in casing at 5,350 to 5,370 ft

2ND INTERMEDIATE CASING:

13 5/8-inch, Q-125, 88.2 lb/ft, BTC casing at 0-7,150 ft in 17 1/2-in hole,
Cement to surface: Stage 1 = 135 sx, Stage 2 = 132 sx, Stage 3 = 207 sx

DV/ECP in 9 5/8-in casing at 7,289 to 7,306 ft

INJECTION TUBING:

3 1/2-inch, L80, 9.2 lb/ft, VAM TOP, tubing at 15.3-15,753.8 ft in 7-inch casing
3 1/2-inch, G3-125K, 9.2 lb/ft, VAM ACE, tubing at 15,753.8-16,082.5 ft in 7-inch casing
with corrosion-inhibited diesel in the annular space between tubing and casing

3RD INTERMEDIATE CASING:

9 5/8-inch, P110 & L80, 47 lb/ft, BTC casing at 0-13,233 ft in 12 1/4-in hole,
Cement to surface: Stage 1 = 162 sx, Stage 2 = 1,015 sx

DV/ECP in 7-in casing at 13,508 ft

Cement Plug in Original Borehole: 890 sx of Class H from 13,348 to 14,177 ft

12 Sidewall Cores recovered from 15,730 to 16,075 ft

PRODUCTION CASING:

7-inch, HCP110, 32 lb/ft, VARN, casing at 0-15,825 ft in 8 1/2-in hole, cmt to surf (788 sx)
7-inch, G3-110 CRA, 32 lb/ft, VAM TOPHC, casing at 15,825-16,129 ft in 8 1/2-in hole

4.66-inch, PT Sensor Mandrel at 16,103.7 ft

5 7/8-inch, Permanent Packer in CRA casing at 16,113.6 ft

OPEN HOLE = 16,129 - 17,750 Ft (5 7/8-inch)

5 7/8-inch, Permanent Packer (fish) in open hole, depth unknown, could not recover

Location at Total Depth: Section 20, T-25-S, R-36-E, Lea Co., New Mexico
1041' FNL & 1785' FWL, TVD is 41.25' < MD at TD


Independence AGI #1
Plate 1
Wellbore Completion Schematic
August 1, 2021

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Santa Fe, NM 87505

CONDITIONS

Action 39081

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 39081
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	1/7/2022