Submit 1 Copy To Appropriate District 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

HOBBS OCD
MAY 16 2016
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-42628

5. Indicate Type of Lease STATE ☐ FEE ☐ FEDERAL ☒

6. State Oil & Gas Lease No. NMLC029509A

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.)

7. Lease Name or Unit Agreement Name: Maljamar AGI

1. Type of Well: Oil Well ☐ Gas Well ☐ Other: Acid Gas Injection Well ☒

8. Well Number #2

2. Name of Operator: Frontier Field Services LLC

9. OGRID Number: 221115

3. Address of Operator: 65 Mercado Street, Suite 250, Durango, CO 81301

10. Pool name or Wildcat: AGI: Wolfcamp

4. Well Location
Unit Letter O : 400 feet from the SOUTH line and 2,100 feet from the EAST line
Section 21 Township 17S Range 32E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 4,019 (GR)

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐			OTHER: Mechanical Integrity Test			☒
OTHER:	☐						

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 MIT was conducted after providing notice to NMOCD on Sunday, May 15, 2016 beginning at 12:30 pm. NMOCD was not available to witness and approved conducting the test and subsequent reporting by Geolex. Stephen Bailey, Petroleum Engineer Technician for the BLM was also on site to witness the test. Below is a step-by-step summary of the MIT and observed results:

1. This is a new well and therefore there is no injection occurring.
2. The annular space pressure between casing and tubing was 0 psig at the start of the MIT.
3. Placed chart on annular space and began recording annular space pressure.
4. Slowly raised annular pressure by introducing corrosion-inhibited diesel to the annulus to bring pressure to 640 psig.
5. When annulus pressure reached 640 psig, closed valves to pumping truck.
6. Recorded annular space pressure for one-half hour.
7. Note: a 2-hour chart was used but it was turning 1 hour per rotation, so each solid line on the chart is actually 2.5 minutes instead of 5 minutes.
8. After one-half hour (13:00) the annulus pressure was 585 psig, a loss of 55 psig (9.2% decrease).
9. The recorder ran an additional 15 minutes, then we bled diesel from the annulus to reduce observed pressure to 0 psig at which time recording was stopped and the test completed.

The Bradenhead between the (1) surface and 1st intermediate casing, (2) 1st intermediate and 2nd intermediate casing, and (3) 2nd intermediate and injection casing were also tested and results were recorded on the NMOCD (Hobbs) Bradenhead Test Report form.

Spud Date: January 25, 2016

Rig Release Date: March 12, 2016

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 Frontier Energy LLC DATE 5/16/16

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

For State Use Only

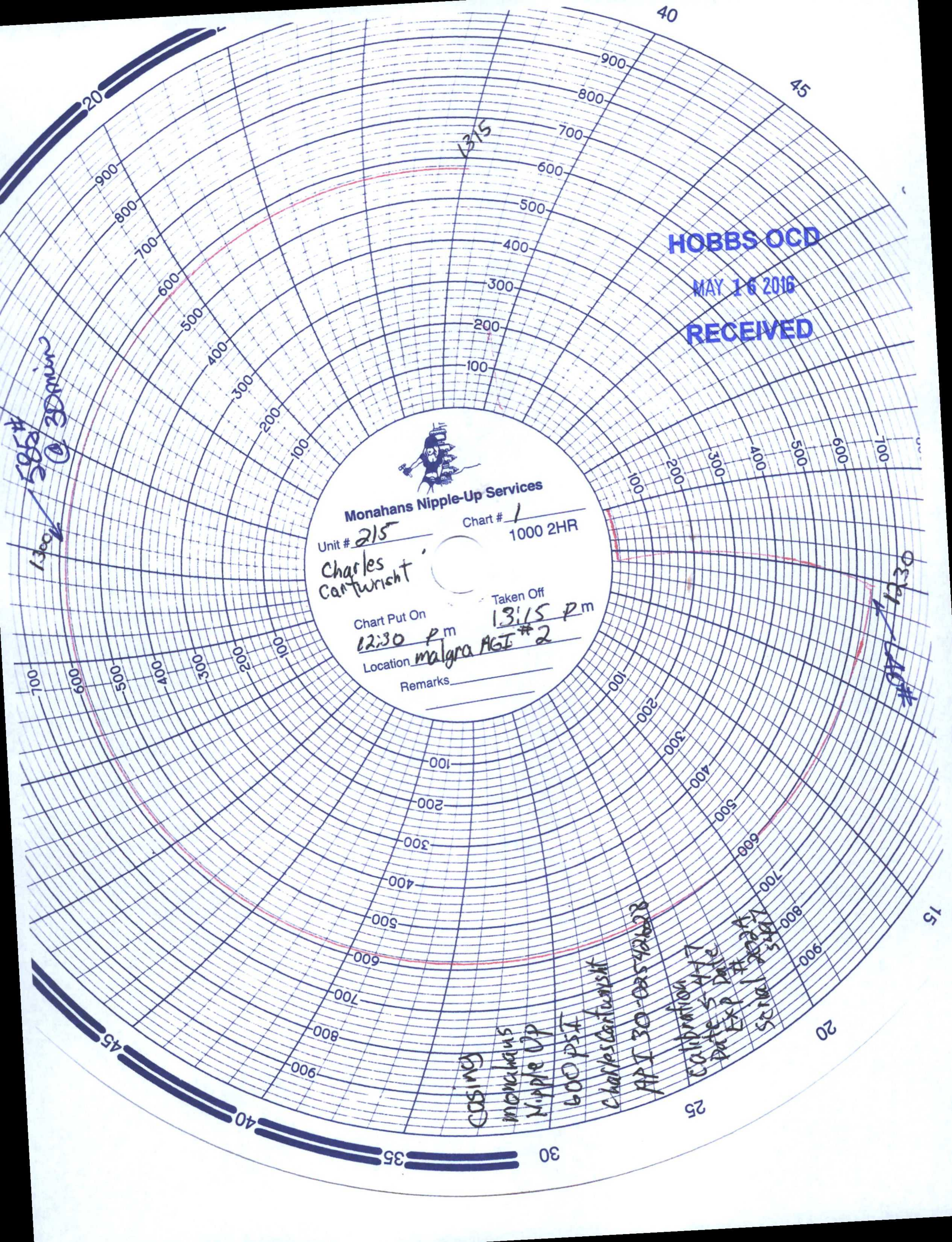
APPROVED BY: Maley Brown TITLE Dist. Supervisor DATE 5/16/2016

Conditions of Approval (if any):

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM

Pending BLM Approval.
MKB.


Monahans Nipple-Up Services
Unit # 215
Chart # 1
1000 2HR
Charles Cartwright
Chart Put On
12:30 pm
Taken Off
13:15 pm
Location malgra AGI #2
Remarks
1315
1300
1230
505# @ 30 min
HOBBS OCD
MAY 16 2016
RECEIVED
Casing
Monahans Nipple Up
600 PSI
Charles Cartwright
API 30-025-42628
Calibration Date 5-4-17
Exp Date
Serial # 2027

Monahans Nipple-Up Services

700 N. Loop 464
Monahans, Texas 79756
1-432-940-8400

Item Tested
Manufacturer: TechCal
Model No: round chart
Range: 10,000 PSI
Stated Accuracy: 5%
Serial Number: 15100052

Certification No:
15100052

Customer
Name: Monahans Nipple-Up

Phone: 1-800-753-7558
Address: 700 N Loop 464
Monahans, Tx 79756

Standards and Procedures
Omega 0-30,000 transducer
S/N :351071
Calibrated: 1/14/2016
Accuracy: .25%
Temp: 68-75F
Humidity 20-60%

Applied Pressure	As Left
1000	1254.5
2000	2048.2
3000	3012.3
4000	4025.6
5000	5013.5
6000	6021.8
7000	7025.6
8000	8011.5
9000	9024.7
10000	10055.2

Calibration Frequency: Yearly
Calibration Date: 5/4/2016 16:07:52

Approved by: *Reuben Carrasco*
Tested and Digitally Signed: *Reuben Carrasco*

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	API Number
Frontier Energy Services	30-025-42628
Property Name	**Well No.**
Maljamar AGI	2

Surface Location

UL - Lot	Section	Township	Range		Feet from	N/S Line	Feet From	E/W Line	County
O	21	17-S	32-E		400	S	2,100	E	Lea

Well Status

TA'D WELL	SHUT-IN	INJECTOR	PRODUCER	DATE
YES (NO)	YES (NO)	(INJ) SWD	OIL GAS	5/15/16

OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	22 psig	0 psig	0 psig	0 psig	0 psig
Flow Characteristics					
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 Injected 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.

(A) A 60-psi gauge was installed on the surface casing bradenhead, which indicated an initial pressure of 22 psig. The valve was vented to 0 psig in approximately 15 seconds, no fluid was observed. Following shut-in, the pressure slowly increased to 24 psig in 4 hours.

Signature:	Dale T. Littlejohn		OIL CONSERVATION DIVISION
Printed name:	Dale T Littlejohn		Entered into RBDMS
Title:	Consultants to Frontier Energy Services		Re-test
E-mail Address:	dale@geolex.com		
Date:	5/15/16	Phone: (505) 842-8000	
		Witness: John Tarpley (Consultant)	

INSTRUCTIONS ON BACK OF THIS FORM