

APR 30 2024

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

Form H-5

06/03/85 DBC0697

READ INSTRUCTIONS ON BACK

PLEASE TYPE OR PRINT

Disposal/Injection Well  
Pressure Test Report

UIC CONTROL NO.

Type

FOR RRC USE ONLY

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APR 09 2019

O&G  
Midland

1. OPERATOR'S NAME Apache Corporation		2. RRC OPERATOR NO. 027200	
3. ADDRESS 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		4. RRC DISTRICT NO. 08	
		5. COUNTY CRANE	

6. FIELD NAME (Exactly as shown on proration schedule) UNIVERSITY WADDELL (DEVONIAN)	7. FIELD NO. 92618125	8. API NO. 42-103-05654
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9. LEASE NAME UNIVERSITY WADDELL DEVONIAN UNIT	10a. OIL LEASE NO. 20692	10b. GAS ID NO.	11. WELL NO. 416W
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12. REASON FOR TEST  <input type="checkbox"/> Initial Test Prior to Injection <input type="checkbox"/> After Workover <input type="checkbox"/> Annual Test Required By Permit <input checked="" type="checkbox"/> Five-Year Test Required By Rule <input type="checkbox"/> Other (Specify) _____	13. DATE OF TEST 03/08/2019	14. RETEST? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, see Instruction No. 5	
	15. WELL COMPLETION		
		size	depth set
	Surface Casing	10-3/4"	776'
Long String Casing	5-1/2"	9280'	
Tubing	2-3/8"	8521'	
16a. PACKER MAKE AND MODEL BAKER LOKSET		16b. DEPTH SET 8521'	
17. AUTHORIZED INJECTION PRESSURE (PSIG): 2500			

18a. PERMITTED INJECTION INTERVAL Top 8682' Bottom 9134'	18b. COMPLETED INJECTION INTERVAL Top 8682' Bottom 9134'
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19. TEST PRESSURE (PSIG) [see Instructions 4(c) and 4(d)]							
TIME	TUBING	CASING	SURFACE CSG.	TIME	TUBING	CASING	SURFACE CSG.
Initial	0	630	0				
15 min.	0	630	0				
30 min.	0	630	0				

20. CHARACTERISTICS OF INJECTION FLUID [see Instruction 4(e)] <u>Produced Water</u>	21. CHARACTERISTICS OF ANNULUS FLUID [see Instructions 4(e) and 4(f)] <u>Packer Fluid</u>
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22. TEST WITNESSED BY RRC? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If NO, see Instruction 4(a) If YES, Name of RRC Representative _____	23. WERE OTHER TESTS/SURVEYS PERFORMED AT THIS TIME? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If YES, List:
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24. OPERATOR COMMENTS ON TEST (attach separate sheet if necessary)

4" @ SURFACE - 9196'

7-5/8" @ 3345'

WELL STATUS:  Active  Temporarily Abandoned  Other (Specify) \_\_\_\_\_

CERTIFICATE

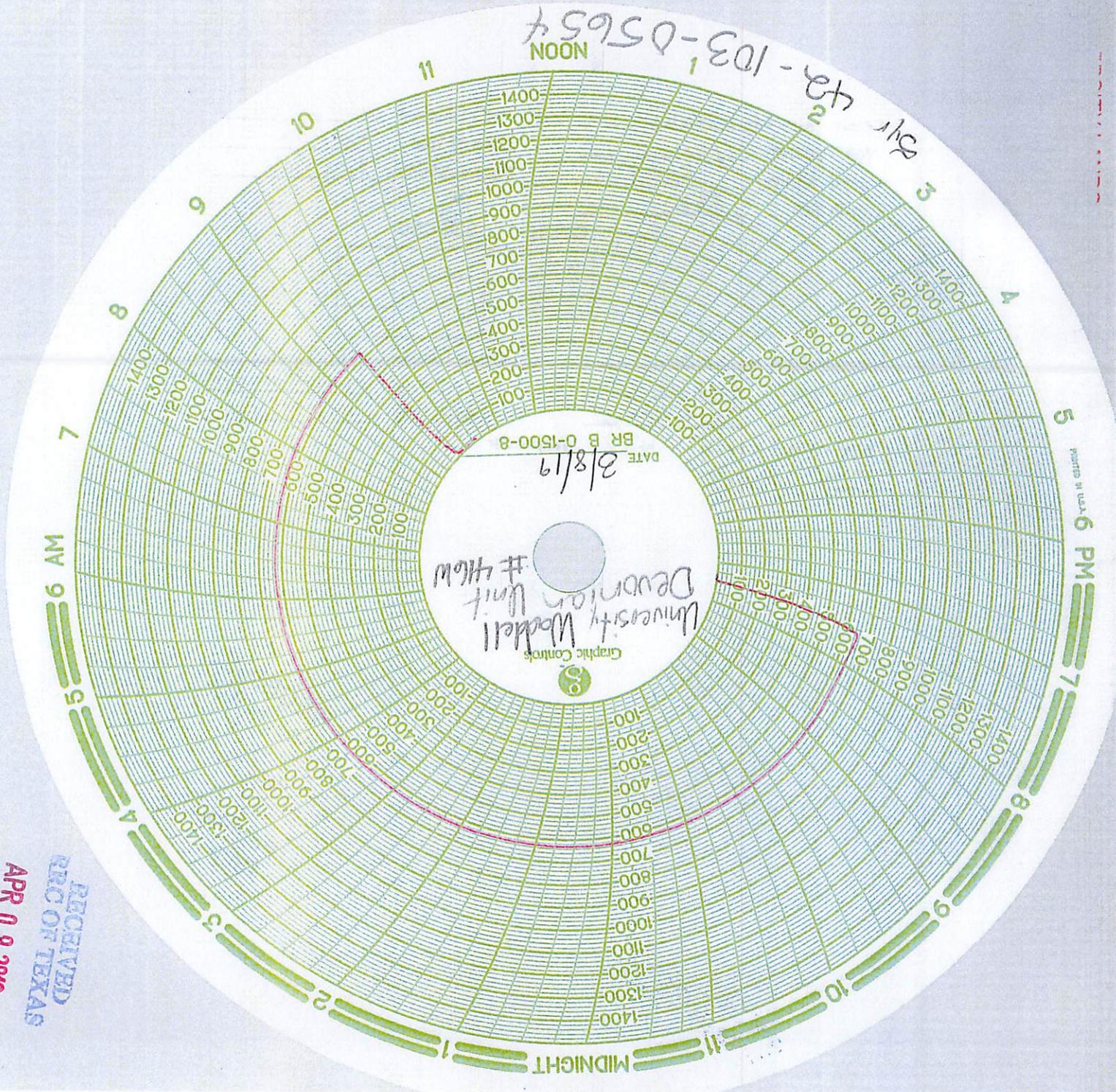
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated herein are true, correct, and complete, to the best of my knowledge.

*Barbie R. Norman*  
Signature

Barbie R. Norman  
Name of Person (type or print)

Regulatory Analyst  
Title

Telephone No. (432) 818-1179 Date 04/04/2019



42-103-05654  
 2  
 1  
 NOON

DATE 2/8/19  
 BR B 0-1500-8

University Model  
 Deviation Unit #410W

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Permit  
Regis

MAR 27 2019

RECEIVED  
Apache Co.

9117

1500#  
Trucks  
Spartan  
H-5  
Workover

Apache Rep H-15  
Type of Test  
Spring Size  
Service Co.  
Sob # 168657

60 min	630	
60 min	630	
no show		

Driver  
RRC Rep  
Clock Range

8521  
Baker  
Mellon  
Well Development Unit

Lease Unit  
Well Number  
Packer Make  
Depth Set

RRC Lease # 86692  
Date of Test 3-8-19  
Packer Model 107 Set

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