

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
CASING MECHANICAL INTEGRITY TEST

Form U-7
August 2019

Disposal: ☒ Enhanced Recovery: ☐ KCC District No.: 1
Operator License No.: 34352 Name: N-10 Exploration, LLC
Address 1: 124 N MAIN
Address 2: PO BOX 195
City: ATTICA State: KS Zip: 67009 + 0195
Contact Person: Jane Swingle Phone: (620) 254-7251

API No.: 15-007-21257-00-02 Permit No.: D31439.0
NE SW SW Sec. 15 Twp. 34 S. R. 11 ☐ East ☒ West
996 Feet from ☐ North / ☒ South Line of Section
4264 Feet from ☒ East / ☐ West Line of Section
Lease: MEDICINE RIVER RANCH Well No.: SWD B 2
County: Barber

Well Construction Details: ☐ New well ☒ Existing well with changes to construction ☐ Existing well with no changes to construction

Maximum Authorized Injection Pressure: 0 psi Maximum Injection Rate: 5000 bbl/d

	Conductor	Surface	Intermediate	Production	Liner		Tubing
Size:	<u>NA</u>	<u>8.625</u>	<u>NA</u>	<u>5.5</u>	<u>NA</u>	Size:	<u>2.375</u>
Set at:		<u>319</u>		<u>5303</u>		Set at:	<u>5261</u>
Sacks of Cement:		<u>175</u>		<u>200</u>		Type:	<u>Seal Tite</u>
Cement Top:		<u>0</u>		<u>4250</u>			
Cement Bottom:		<u>319</u>		<u>5303</u>			

Packer Type: Model G Set at: 5261

☐ DV Tool ☐ Port Collar Depth of: _____ feet with _____ sacks of cement TD (and plug back): 5849 feet depth

Zone of Injection Formation: ARBUCKLE Top Feet: 5303 Bottom Feet: 5849 Perf. or Open Hole: Open

Is there a Chemical Sealant or a Mechanical Casing patch in the annular space? ☐ Yes ☒ No

If Dual Completion - Injection is: ☐ Above Production ☐ Below Production

FIELD DATA

GPS Location: Datum: ☐ NAD27 ☒ NAD83 ☐ WGS84 Lat: 37.08223 Long: -98.50914 Date Acquired: 12/06/2012

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: 90-DAY RETEST - FAILURE

Time in Minute(s):	<u>0</u>	<u>15</u>	<u>30</u>			
Pressures: Set up 1	<u>330</u>	<u>400</u>	<u>500</u>			
Set up 2						
Set up 3						

Tested: ☐ Casing ☒ or Casing - Tubing Annulus System Pressure during test: 0 Bbls. to load annulus: 0

Test Date: 02/22/2023 Using: Tiger Chemical, LLC Company's Equipment

The zone tested for this well is between 0 feet and 5261 feet.

The test results were verified by operator's representative:

Name: Roger Goodman Title: Pumper Phone: (620) 842-2159

KCC Office Use Only

The results were:

- ☒ Satisfactory
☐ Not Satisfactory

Next MIT: 02/21/2028

State Agent: David Ring Title: E.C.R.S. Witness: ☒ Yes ☐ No

Remarks: 162 new joints tubing. Loaded annulus w/180 bbs fresh water after setting packer. Pressured to 330 psi. Increase in pressure during test due to water temperature rising. Final pressure 500 psi. Held. Passed.