

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

Form U-7
August 2019

Disposal: ☐ Enhanced Recovery: ☒ KCC District No.: 2
Operator License No.: 4767 Name: Ritchie Exploration, Inc.
Address 1: 8100 E 22ND ST N # 700
Address 2: PO BOX 783188
City: WICHITA State: KS Zip: 67278 + 3188
Contact Person: Peter Fiorini Phone: (316) 691-9500

API No.: 15-155-20946-00-01 Permit No.: E26410.1
SW SE NE Sec. 5 Twp. 24 S. R. 4 ☐ East ☒ West
2927 Feet from ☐ North / ☒ South Line of Section
809 Feet from ☒ East / ☐ West Line of Section
Lease: JOHNSON P Well No.: 6
County: Reno

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: 3000 bbl/d

	<i>Conductor</i>	<i>Surface</i>	<i>Intermediate</i>	<i>Production</i>	<i>Liner</i>		<i>Tubing</i>
Size:	<u>12.75</u>	<u>8.625</u>	<u>NA</u>	<u>5.5</u>	<u>NA</u>	Size:	<u>2.875</u>
Set at:	<u>303</u>	<u>658</u>		<u>3364</u>		Set at:	<u>3290</u>
Sacks of Cement:	<u>235</u>	<u>120</u>		<u>175</u>		Type:	<u>Plastic-lined</u>
Cement Top:	<u>0</u>	<u>0</u>		<u>2400</u>			
Cement Bottom:	<u>303</u>	<u>658</u>		<u>3364</u>			

Packer Type: Model G Set at: 3290
☐ DV Tool ☐ Port Collar Depth of: _____ feet with _____ sacks of cement TD (and plug back): 3410 (3410) feet depth
Zone of Injection Formation: MISSISSIPPIAN Top Feet: 3364 Bottom Feet: 3410 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: 37.99318 Long: -97.77791 Date Acquired: 10/06/2021
MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: 90-DAY RETEST - FAILURE
Time in Minute(s): 0 15 30
Pressures: Set up 1 325 325 325
Set up 2 _____
Set up 3 _____
Tested: ☐ Casing ☒ or Casing - Tubing Annulus System Pressure during test: _____ Bbls. to load annulus: _____
Test Date: 10/19/2026 Using: TBD Company's Equipment _____
The zone tested for this well is between 0 feet and 3290 feet.
The test results were verified by operator's representative:
Name: Scott Boeh Title: Production Supervisor Phone: (620) 617-4671

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The results were:

☒ Satisfactory
☐ Not Satisfactory

Next MIT: 10/18/2031

State Agent: Virgil Clothier Title: E.C.R.S. Witness: ☒ Yes ☐ No

Remarks: Replaced 2 jt's tubing & new Model G packer - run in to the same depth. Treated fluids in Annulus.