

**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.: 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.: 15-135-22966-00-03 Permit No.: E32232.1
SW SE Sec. 32 Twp. 16 S. R. 22 ☐ East ☒ West
313 Feet from ☐ North / ☒ South Line of Section
2300 Feet from ☒ East / ☐ West Line of Section
Lease: KLITZKE"5B-32D" Well No.: 2
County: Ness

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

Maximum Authorized Injection Pressure: 1000 psi Maximum Injection Rate: 1000 bbl/d

	<i>Conductor</i>	<i>Surface</i>	<i>Intermediate</i>	<i>Production</i>	<i>Liner</i>		<i>Tubing</i>
Size:	<u>NA</u>	<u>8.625</u>	<u>NA</u>	<u>5.5</u>	<u>NA</u>		<u>2.375</u>
Set at:		<u>216</u>		<u>4445</u>			<u>4231</u>
Sacks of Cement:		<u>135</u>		<u>120</u>			<u>Seal-Tite</u>
Cement Top:		<u>0</u>		<u>3725</u>			
Cement Bottom:		<u>216</u>		<u>4445</u>			

Packer Type: Sealtite ArrowSet Set at: 4231

☒ DV Tool ☐ Port Collar Depth of: 1670 feet with 390 sacks of cement TD (and plug back): 4450 (4417) feet depth

Zone of Injection Formation: See Attached Top Feet: See Attached Bottom Feet: See Attached Perf. or Open Hole: Perf

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: 38.61192 Long: -99.78021 Date Acquired: 01/03/2020

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: OPERATOR REQUESTED

Time in Minute(s):	<u>0</u>	<u>15</u>	<u>30</u>			
Pressures: Set up 1	<u>300</u>	<u>300</u>	<u>300</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: 02/10/2025 Using: H-D Oil Field Service, Inc Company's Equipment

The zone tested for this well is between 0 feet and 4231 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: 02/09/2030

State Agent: Mike Maier Title: E.C.R.S. Witness: ☒ Yes ☐ No

Remarks: Moved packer up the hole one joint

Form	U7 - Casing Mechanical Integrity Test
Operator	Ritchie Exploration, Inc.
Well Name	KLITZKE"5B-32D" 2
Doc ID	1820635

Injection Zones

FormationName	Top	Bottom
CHEROKEE	4315	4322
PENN. BASAL SAND	4389	4413