

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

Form U-7
August 2019

Disposal: ☐ Enhanced Recovery: ☒ KCC District No.: 3
 Operator License No.: 6143 Name: Somerset Energy, Inc.
 Address 1: 4453 SHAWNEE ROAD
 Address 2: _____
 City: WELLSVILLE State: KS Zip: 66092 + 0716
 Contact Person: Jackie Windisch Phone: (913) 710-5400

API No.: 15-121-30993-00-00 Permit No.: E31866.13
 NW - SW - NW - NW Sec. 17 Twp. 16 S. R. 24 ☒ East ☐ West
4455 Feet from ☐ North / ☒ South Line of Section
5115 Feet from ☒ East / ☐ West Line of Section
 Lease: BARKIS Well No.: AI-11
 County: Miami

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

Maximum Authorized Injection Pressure: 500 psi Maximum Injection Rate: 200 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>7</u>	<u>NA</u>	<u>2.875</u>	<u>NA</u>	<u>NA</u>
Set at:		<u>23</u>		<u>755</u>		
Sacks of Cement:		<u>4</u>		<u>105</u>		
Cement Top:		<u>0</u>		<u>0</u>		
Cement Bottom:		<u>23</u>		<u>755</u>		
Packer Type: <u>NA</u>					Set at: _____	

☐ DV Tool ☐ Port Collar Depth of: _____ feet with _____ sacks of cement TD (and plug back): 780 (723) feet depth
Zone of Injection Formation: SQUIRREL SAND Top Feet: 663 Bottom Feet: 672 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: 38.662785 Long: -94.786937 Date Acquired: 06/02/2015
 MIT Type: Fluid Depression Test MIT Reason: 5-YEAR TEST

Time in Minute(s):	<u>20</u>	<u>40</u>	<u>60</u>			
Pressures: Set up 1	<u>410</u>	<u>410</u>	<u>410</u>			
Set up 2						
Set up 3						

Tested: ☒ Casing ☐ or Casing - Tubing Annulus System Pressure during test: _____ Bbls. to load annulus: _____
 Test Date: 05/02/2025 Using: Midwest Surveys, Inc Company's Equipment _____
 The zone tested for this well is between 0 feet and 663 feet.
 The test results were verified by operator's representative:
 Name: Gary Windisch Title: Contractor Phone: (913) 285-0222

KCC Office Use Only

The results were:

- ☒ Satisfactory
☐ Not Satisfactory

Next MIT: 05/01/2030

State Agent: Ryan Hermreck Title: E.C.R.S. Witness: ☐ Yes ☒ No

Remarks:

Full of fluid with 110# of pressure. 663 x.43=285+110=395. Baffle set at 723'.
 All information came from the ACO-1 (KGS) which matches the permit (Pg. 6).