

**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.: 35774 Name: Somerset Energy Enterprises, LLC  
Address 1: 1245 CALYPSO COURT  
Address 2: \_\_\_\_\_  
City: ASHLAND State: OR Zip: 97520 + 1594  
Contact Person: Jackie Windisch Phone: (541) 944-4769

API No.: 15-059-22781-00-02 Permit No.: E19144.7  
\_\_\_\_ NW \_\_\_\_ NE Sec. 15 Twp. 17 S. R. 21 ☒ East ☐ West  
4944 Feet from ☐ North / ☒ South Line of Section  
2141 Feet from ☒ East / ☐ West Line of Section  
Lease: MILLER-GRAVES Well No.: 77  
County: Franklin

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

Maximum Authorized Injection Pressure: 400 psi Maximum Injection Rate: 50 bbl/d

|                  | <i>Conductor</i> | <i>Surface</i> | <i>Intermediate</i> | <i>Production</i> | <i>Liner</i> | <i>Tubing</i> |
|------------------|------------------|----------------|---------------------|-------------------|--------------|---------------|
| Size:            | NA               | 6.25           | NA                  | 4.5               | NA           | NA            |
| Set at:          |                  | 51             |                     | 635               |              |               |
| Sacks of Cement: |                  | 6              |                     | 56                |              |               |
| Cement Top:      |                  | 0              |                     | 0                 |              |               |
| Cement Bottom:   |                  | 51             |                     | 635               |              |               |
| Packer Type:     | NA               |                |                     |                   |              | Set at: _____ |

☐ DV Tool ☐ Port Collar Depth of: \_\_\_\_\_ feet with \_\_\_\_\_ sacks of cement TD (and plug back): 635 feet depth

**Zone of Injection** Formation: SQUIRREL SAND Top Feet: 575 Bottom Feet: 590 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: 38.578076 Long: -95.072704 Date Acquired: 10/13/2015

MIT Type: Fluid Depression Test MIT Reason: 5-YEAR TEST

| Time in Minute(s):  | 20  | 40  | 60  |  |  |  |
|---------------------|-----|-----|-----|--|--|--|
| Pressures: Set up 1 | 220 | 220 | 220 |  |  |  |
| Set up 2            |     |     |     |  |  |  |
| Set up 3            |     |     |     |  |  |  |

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

Test Date: 01/12/2022 Using: Midwest Surveys, Inc. Company's Equipment \_\_\_\_\_

The zone tested for this well is between 0 feet and 575 feet.

The test results were verified by operator's representative:

Name: Ryan Hermreck Title: Contractor Phone: (913) 285-0331

**KCC Office Use Only**

The results were:

- ☒ Satisfactory  
☐ Not Satisfactory

Next MIT: 01/11/2027

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

Remarks: \_\_\_\_\_  
Fluid was 103' from surface 575-103=472\*.43=203 Perforation Information came from last U7 Casing information came from Permit Updated RBDMS Footages 4931 FSL 2146 FEL . This well needs a construction change because it is permitted with tubing and packer. The well currently doesn't have tubing and packer.