KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U-7
August 2019

CASING MECHANICAL INTEGRITY TEST

Disposal: ☐ Enhanced Recovery: ☑ KCC District No.: 1

Operator License No.: 30606 Name: Murfin Drilling Co., Inc.

Address 1: 250 N WATER STE 300

Address 2:

City: WICHITA State: KS Zip: 67202 + 1216

Contact Person: Maureen Haberer Phone: (316) 267-3241

API No.: 15-185-22774-00-00 Permit No.: E26323.1

_ - NW - NE - SE Sec. 23 Twp. 23 S. R. 14 ☐ East ☑ West

2299 Feet from ☐ North / ☑ South Line of Section

1031 Feet from ☑ East / ☐ West Line of Section

Lease: MERRICK Well No.: 2-23

County: Stafford

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

Maximum Authorized Injection Pressure: 1000 psi Maximum Injection Rate: 250 bbl/d

	Conductor	Surface	Intermediate	Production	Liner	Tubing
Size:	n/a	8.625	n/a	4.5	n/a	2.375
Set at:		418		4079		3647
Sacks of Cement:		220		325		EUE 8 rd
Cement Top:		0		2610		
Cement Bottom:		418		4079		

Packer Type: Locset Set at: 3647

☐ DV Tool ☐ Port Collar Depth of: ___ feet with ___ sacks of cement TD (and plug back): 4080 (4046) 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: 38.03534 Long: -98.82471 Date Acquired: 03/01/2021

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: 5-YEAR TEST

Time in Minute(s):	0	15	30			
Pressures: Set up 1	350	330	325			
Set up 2						
Set up 3						

Tested: ☐ Casing ☑ or Casing - Tubing Annulus System Pressure during test: 65 Bbls. to load annulus: 10

Test Date: 02/26/2026 Using: Paul's Oilfield Service Company's Equipment

The zone tested for this well is between 0 feet and 3647 feet.

The test results were verified by operator's representative:

Name: Mark Robben Title: Production Foreman Phone: (785) 483-5371

KCC Office Use Only

The results were:

☑ Satisfactory

☐ Not Satisfactory

Next MIT: 02/26/2027

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

Remarks:

Load w/10 bbls fresh water. Pressured. Lost 25 psi in 30 min. Stayed within the margin of error. Recheck in 1 year.

Form	U7 - Casing Mechanical Integrity Test
Operator	Murfin Drilling Co., Inc.
Well Name	MERRICK 2-23
Doc ID	1889186

Injection Zones

FormationName	Top	Bottom
LANSING-KANSAS CITY	3725	3727
LANSING-KANSAS CITY	3684	3686