KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U-7
August 2019

# CASING MECHANICAL INTEGRITY TEST

Disposal: ☑ Enhanced Recovery: ☐ KCC District No.: 4

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.: 15-167-22636-00-02 Permit No.: E06101.4

__-NE-SW-NW Sec. 15 Twp. 15 S. R. 12 ☐ East ☑ West

3630 Feet from ☐ North / ☑ South Line of Section

4290 Feet from ☑ East / ☐ West Line of Section

Lease: KASTRUP A Well No.: 6

County: Russell

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

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

| | Conductor | Surface | Intermediate | Production | Liner |
|---|---|---|---|---|---|
| Size: | na | 8.625 | na | 5.5 | na |
| Set at: | | 698 | | 3221 | |
| Sacks of Cement: | | 400 | | 250 | |
| Cement Top: | | 0 | | 2136 | |
| Cement Bottom: | | 698 | | 3221 | |

Tubing
Size: 2.375
Set at: 2899
Type: DL

Packer Type: AD-1 Set at: 2899

☐ DV Tool ☐ Port Collar Depth of: ____ feet with ____ sacks of cement TD (and plug back): 3238 (3000) feet depth

**Zone of Injection** Formation: KANSAS CITY B Top Feet: 2941 Bottom Feet: 2972 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: 38.75049 Long: -98.64862 Date Acquired: 03/21/2023

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 | 310 | 310 | 310 | | | |
| Set up 2 | | | | | | |
| Set up 3 | | | | | | |

Tested: ☐ Casing ☑ or Casing - Tubing Annulus System Pressure during test: ____ Bbls. to load annulus: 50

Test Date: 03/21/2023 Using: Shane's Tank Service Company's Equipment

The zone tested for this well is between 0 feet and 2899 feet.

The test results were verified by operator's representative:

Name: Mark Robben Title: Production Foreman Phone: (785) 735-4621

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The results were:

☑ Satisfactory

☐ Not Satisfactory

Next MIT: 03/19/2028

State Agent: Ray Dinkel Title: E.C.R.S. Witness: ☑ Yes ☐ No

Remarks:

pulled one joint and set @2899 Had a C.I.B Plug set @3000'. E-06,101 0004.