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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: Kellie Day Phone: (316) 267-3241

API No.: 15-195-21745-00-02 Permit No.: E30745.1

_ - SW - NE - NW Sec. 17 Twp. 13 S. R. 21 ☐ East ☑ West

4339 Feet from ☐ North / ☑ South Line of Section

3637 Feet from ☑ East / ☐ West Line of Section

Lease: KELLER A Well No.: 9

County: Trego

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: 1000 bbl/d

	Conductor	*Surface*	*Intermediate*	*Production*	*Liner*	*Tubing*
Size:	N/A	8.625	N/A	4.5	N/A	2.375
Set at:		259		4028		3498
Sacks of Cement:		170		500		CC
Cement Top:		0		0		
Cement Bottom:		259		4028		

Packer Type: Arrowset 1X Set at: 3498

☐ DV Tool ☐ Port Collar Depth of: ____ feet with ____ sacks of cement TD (and plug back): 4030 (3779) feet depth

Zone of Injection Formation: LANSING Top Feet: 3580 Bottom Feet: 3774 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: 38.92628 Long: -99.68221 Date Acquired: 06/04/2024

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: POST WORKOVER TEST

Time in Minute(s):	0	2	30			
Pressures: Set up 1	320	280				
Set up 2	340	300				
Set up 3	340	310	270			

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

Test Date: 06/04/2024 Using: Basgall Tank Service Company's Equipment

The zone tested for this well is between 0 feet and 3498 feet.

The test results were verified by operator's representative:

Name: Joel Hrabe Title: Production Foreman Phone: (785) 421-7181

KCC Office Use Only

The results were:

☐ Satisfactory

☑ Not Satisfactory

Next MIT: 09/02/2024

State Agent: Michael Jones Title: E.C.R.S. Witness: ☑ Yes ☐ No

Remarks:

Bleed off about 40psi in 2 to 3 minutes. Pulled 1 joint and ran back in 18' of subs. This is approximately where the had the retrievable when they squeezed and it had held after drilling out squeeze. Still losing approximately 40psi in 2 to 3 minutes.

Conservation Division
District Office No. 4
2301 E. 13th Street
Hays, KS 67601-2651

Kansas
Corporation Commission

Phone: 785-261-6250
http://kcc.ks.gov/

FAILED MECHANICAL INTEGRITY TEST (MIT)
DEADLINE FOR COMPLIANCE

LICENSE 30606
Murfin Drilling Co., Inc.
250 N WATER STE 300
WICHITA, KS 67202-1216

Re: API No. 15-195-21745-00-02
Permit No. E30745.1
KELLER A 9
17-13S-21W
Trego County, KS

Operator:

On 06/04/2024, the referenced well failed a mechanical integrity test. Under K.A.R. 82-3-407(c), you have 90 days to:

1) repair and retest the well to show mechanical integrity,
2) plug the well, or
3) isolate all leaks to demonstrate the well does not pose a threat to fresh or usable water or endanger correlative rights.

The well must be shut-in and disconnected until it complies with K.A.R. 82-3-407(c).

Failure to comply with K.A.R. 82-3-407(c)
by 09/02/2024
shall be punishable by a $1, 000 penalty.

Please contact this office as soon as possible to let us know your plans for this well.

Sincerely,

Darrel Dipman
KCC District #4