

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

Form U-7
August 2019

Disposal: Enhanced Recovery: KCC District No.: _____
 Operator License No.: _____ Name: _____
 Address 1: _____
 Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Contact Person: _____ Phone: (____) _____

API No.: _____ Permit No.: _____
 ___ - ___ - ___ - ___ Sec. ___ Twp. ___ S. R. ___ East West
 _____ Feet from North / South Line of Section
 _____ Feet from East / West Line of Section
 Lease: _____ Well No.: _____
 County: _____

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

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

	<i>Conductor</i>	<i>Surface</i>	<i>Intermediate</i>	<i>Production</i>	<i>Liner</i>		<i>Tubing</i>
Size:	_____	_____	_____	_____	_____	Size:	_____
Set at:	_____	_____	_____	_____	_____	Set at:	_____
Sacks of Cement:	_____	_____	_____	_____	_____	Type:	_____
Cement Top:	_____	_____	_____	_____	_____		
Cement Bottom:	_____	_____	_____	_____	_____		

Packer Type: _____ Set at: _____

DV Tool Port Collar Depth of: _____ feet with _____ sacks of cement TD (and plug back): _____ feet depth

Zone of Injection Formation: _____ Top Feet: _____ Bottom Feet: _____ Perf. or Open Hole: _____

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: _____ Long: _____ Date Acquired: _____

MIT Type: _____ MIT Reason: _____

Time in Minute(s): _____

Pressures: Set up 1 _____

Set up 2 _____

Set up 3 _____

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

Test Date: _____ Using: _____ Company's Equipment

The zone tested for this well is between _____ feet and _____ feet.

The test results were verified by operator's representative:

Name: _____ Title: _____ Phone: (____) _____

<p>KCC Office Use Only</p> <p>The results were:</p> <p><input type="checkbox"/> Satisfactory</p> <p><input type="checkbox"/> Not Satisfactory</p> <p>Next MIT: _____</p>	<p>State Agent: _____ Title: _____ Witness: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Remarks: _____</p>
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Form	U7 - Casing Mechanical Integrity Test
Operator	Bruce Oil Company, L.L.C.
Well Name	RIORDAN 4
Doc ID	1598694

Injection Zones

FormationName	Top	Bottom
OSAGE	2660	
MISSISSIPPI, OSAGE	2660	2675

FAILED MECHANICAL INTEGRITY TEST (MIT)
DEADLINE FOR COMPLIANCE

12/06/2023

LICENSE 5610
Bruce Oil Company, L.L.C.
1704 LIMESTONE RD
MCPHERSON, KS 67460-6500

Re: API No. 15-041-20049-00-00
Permit No. D21311.0
RIORDAN 4
6-15S-1E
Dickinson County, KS

Operator:

On 12/05/2023, 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 03/04/2024
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,

Virgil Clothier
KCC District #2