

**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> |
|---|--|

| | |
|-----------|---------------------------------------|
| Form | U7 - Casing Mechanical Integrity Test |
| Operator | Patterson Energy LLC |
| Well Name | RIEDEL A 1 |
| Doc ID | 1590292 |

Injection Zones

| FormationName | Top | Bottom |
|---------------|------|--------|
| ARBUCKLE | 3900 | 3930 |
| ARBUCKLE | 3930 | 4000 |