

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

Form U-7
August 2019

Disposal: ☒ Enhanced Recovery: ☐ KCC District No.: 4
Operator License No.: 9346 Name: Diehl Oil Inc
Address 1: 205 E 13TH
Address 2: PO BOX 234
City: HAYS State: KS Zip: 67601 + 0234
Contact Person: Glenn Diehl Phone: (785) 625-6711

API No.: 15-051-24492-00-02 Permit No.: D25206.0
NW SE NE Sec. 35 Twp. 13 S. R. 20 ☐ East ☒ West
3425 Feet from ☐ North / ☒ South Line of Section
674 Feet from ☒ East / ☐ West Line of Section
Lease: ENGEL J A Well No.: 4
County: Ellis

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

Maximum Authorized Injection Pressure: 0 psi Maximum Injection Rate: 1500 bbl/d

	<i>Conductor</i> na	<i>Surface</i> 8.625	<i>Intermediate</i> na	<i>Production</i> 5.5	<i>Liner</i> na		<i>Tubing</i> 2.875
Size:						Size:	
Set at:		<u>248</u>		<u>3924</u>		Set at:	<u>3870</u>
Sacks of Cement:		<u>200</u>		<u>300</u>		Type:	<u>Seal Tite</u>
Cement Top:		<u>0</u>		<u>2900</u>			
Cement Bottom:		<u>248</u>		<u>3924</u>			

Packer Type: AD-1 Big Bore Set at: 3870

☒ DV Tool ☐ Port Collar Depth of: 1520 feet with 300 sacks of cement TD (and plug back): 4105 feet depth

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

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: 38.88021 Long: -99.50511 Date Acquired: 09/21/2026

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

Time in Minute(s):	<u>0</u>	<u>15</u>	<u>30</u>			
Pressures: Set up 1	<u>335</u>	<u>335</u>	<u>335</u>			
Set up 2						
Set up 3						

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

Test Date: 09/21/2026 Using: Ace Tank Service Inc Company's Equipment

The zone tested for this well is between 0 feet and 3870 feet.

The test results were verified by operator's representative:

Name: Glenn D Diehl Title: CEO Phone: (785) 635-7106

KCC Office Use Only

The results were:

- ☒ Satisfactory
☐ Not Satisfactory

Next MIT: 09/20/2031

State Agent: David Befort Title: E.C.R.S. Witness: ☒ Yes ☐ No

Remarks: Operator replaced fiberglass tubing with Seal Tite tubing. When pulling the packer the operator found it was set at 2700' instead of 3885', which was what previous U-7's indicated. Operator set packer at 3892' and 3900', but pressure could not be maintained. Operator reset packer at 3870'. Pressure constant. (New 2.875" S.T. tubing installed at 3870').

Form	U7 - Casing Mechanical Integrity Test
Operator	Diehl Oil Inc
Well Name	ENGEL J A 4
Doc ID	1982595

Injection Zones

FormationName	Top	Bottom
REAGAN	3951	3992
GRANIT WASH	3996	4105
ARBUCKLE	3924	3945