

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.: 5259 Name: Mai Oil Operations, Inc.
 Address 1: 8111 DOUGLAS AVE STE 710
 Address 2: _____
 City: DALLAS State: TX Zip: 75225 + 6540
 Contact Person: Brent Homeier Phone: (214) 219-8883

API No.: 15-141-20211-00-01 Permit No.: E27236.1
 ___ - ___ - ___ SW NE Sec. 32 Twp. 8 S. R. 15 ☐ East ☒ West
2994 Feet from ☐ North / ☒ South Line of Section
2280 Feet from ☒ East / ☐ West Line of Section
 Lease: HAYS B INJ Well No.: 1
 County: Osborne

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

Maximum Authorized Injection Pressure: 1250 psi Maximum Injection Rate: 500 bbl/d

	<i>Conductor</i>	<i>Surface</i>	<i>Intermediate</i>	<i>Production</i>	<i>Liner</i>		<i>Tubing</i>
Size:	<u>NA</u>	<u>8.625</u>	<u>NA</u>	<u>4.5</u>	<u>NA</u>		<u>2.375</u>
Set at:		<u>208</u>		<u>3716</u>			<u>2852</u>
Sacks of Cement:		<u>140</u>		<u>285</u>			<u>seal title</u>
Cement Top:		<u>0</u>		<u>2440</u>			
Cement Bottom:		<u>208</u>		<u>3716</u>			

Packer Type: AD-1 Tension Set at: 2852

☒ DV Tool ☐ Port Collar Depth of: 1286 feet with 275 sacks of cement TD (and plug back): 3725 (3600) feet depth

Zone of Injection Formation: See Attached Top Feet: See Attached Bottom Feet: See Attached 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: 39.31496 Long: -99.01908 Date Acquired: 12/10/2024

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: 1-YEAR TEST

Time in Minute(s):	<u>0</u>	<u>5</u>	<u>30</u>			
Pressures: Set up 1	<u>300</u>	<u>305</u>	<u>305</u>			
Set up 2						
Set up 3						

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

Test Date: 12/10/2024 Using: Shains Tank Service Company's Equipment

The zone tested for this well is between 0 feet and 2852 feet.

The test results were verified by operator's representative:

Name: Chris Johnson Title: Production Foreman Phone: (785) 259-0780

KCC Office Use Only

The results were:

- ☒ Satisfactory
☐ Not Satisfactory

Next MIT: 12/10/2025

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

Remarks: 30bbls treated water 6BBLs of WSO 8.5 BBLs treated water displacement set packer, pruessure back side tubing open. YEARLY TEST CHEMICAL SEALANT.

Form	U7 - Casing Mechanical Integrity Test
Operator	Mai Oil Operations, Inc.
Well Name	HAYS B INJ 1
Doc ID	1805796

Injection Zones

FormationName	Top	Bottom
LANSING-KANSAS CITY	3191	3378
TOPEKA	2932	2935
TORONTO	3155	3158