



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **57931** 22871

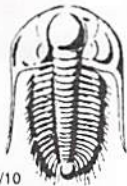
Well Name & No. Doc's TRUST #1 Test No. 1 Date 1-7-16  
 Company Messenger PETC- INC. Elevation 1714 KB 1704 GL  
 Address 525 S. MAIN ST. KINGMAN KS, 67068  
 Co. Rep / Geo. Jon Messenger Rig HARDT DRUG #1  
 Location: Sec. 20 Twp. 29S Rge. 9W Co. KINGMAN State Ks

Interval Tested 3977 - 3995' Zone Tested Swope  
 Anchor Length 18' Drill Pipe Run 3846' Mud Wt. 9.1  
 Top Packer Depth 3972' Drill Collars Run 120' Vis 52  
 Bottom Packer Depth 3977' Wt. Pipe Run 0 WL 9.0cc  
 Total Depth 3995' Chlorides 6,000 ppm System LCM ---  
 Blow Description IF; Weak blow. 1/2 - 3 1/2" ISI; ~~Weak~~ blow. 1/4"  
FF; Weak blow. 1/2 - 3/4" FSI; ~~Weak~~ blow. 1/4"

Rec	Feet of	%gas	%oil	%water	%mud
	<u>Trace of GIP</u>				
Rec <u>20</u>	Feet of <u>OCM</u>		<u>5</u>	<u>95</u>	
Rec <u>120</u>	Feet of <u>MW/w o specs</u>		<u>84</u>	<u>16</u>	
Rec _____	Feet of _____				
Rec _____	Feet of _____				

Rec Total 140 BHT 122° Gravity N/A API RW -12 @ 49 °F Chlorides 93,000 ppm  
 (A) Initial Hydrostatic 1990  Test 1050 T-On Location 0051  
 (B) First Initial Flow 15  Jars \_\_\_\_\_ T-Started 0159  
 (C) First Final Flow 46  Safety Joint \_\_\_\_\_ T-Open 0407  
 (D) Initial Shut-In 1536  Circ Sub \_\_\_\_\_ T-Pulled 0742  
 (E) Second Initial Flow 52  Hourly Standby \_\_\_\_\_ T-Out 0948  
 (F) Second Final Flow 82  Mileage (85) Comments \_\_\_\_\_  
 (G) Final Shut-In 1506  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1928  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Packer \_\_\_\_\_  
 Initial Shut-In 60  Extra Recorder \_\_\_\_\_  
 Final Flow 60  Day Standby \_\_\_\_\_  
 Final Shut-In 60  Accessibility \_\_\_\_\_  
 Sub Total 1135 Total 1135 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



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## Test Ticket

NO. 57932

Well Name & No. Doc's Trust #1 Test No. 2 Date 1-7-16  
 Company MESSENGER PETL. INC. Elevation 1714 KB 1704 GL  
 Address 525 S. MAIN ST. KINGMAN KS. 67068  
 Co. Rep / Geo. Jon Messenger Rig HARDT DRUG #1  
 Location: Sec. 20 Twp. 29S Rge. 9W Co. KINGMAN State KS.

Interval Tested 4012-4027' Zone Tested HERTHA  
 Anchor Length 15' Drill Pipe Run 3877' Mud Wt. 9.3  
 Top Packer Depth 4007' Drill Collars Run 120' Vis 56  
 Bottom Packer Depth 4012' Wt. Pipe Run 0 WL 11.2 cc  
 Total Depth 4027' Chlorides 8,000 ppm System LCM 0  
 Blow Description IF: Weak to fair blow 1-5". FSI: Weak blow 2-4".

FF: Strong blow. B.O.B. in 21 mins. FSI: Fair blow, 3-7".

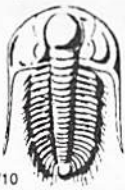
Rec	Feet of	%gas	%oil	%water	%mud
<u>3300</u>	<u>Gas in pipe</u>				
<u>35</u>	<u>Gmco</u>	<u>42</u>	<u>47</u>	<u>11</u>	
<u>184</u>	<u><del>Gmco</del> GMEWCO</u>	<u>35</u>	<u>30</u>	<u>23</u>	<u>12</u>
<u>251</u>	<u>SW/w opens</u>				

Rec Total 470 Fluid BHT 126° Gravity N/A API RW 17 @ 45 °F Chlorides 71,000 ppm

(A) Initial Hydrostatic 1966  Test 1150 T-On Location 1854  
 (B) First Initial Flow 41  Jars \_\_\_\_\_ T-Started 1915  
 (C) First Final Flow 128  Safety Joint \_\_\_\_\_ T-Open 2104  
 (D) Initial Shut-In 1519  Circ Sub \_\_\_\_\_ T-Pulled 0039  
 (E) Second Initial Flow 138  Hourly Standby \_\_\_\_\_ T-Out 0404  
 (F) Second Final Flow 255  Mileage (85) Comments \_\_\_\_\_  
 (G) Final Shut-In 1514  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1911  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1235  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1235

Approved By [Signature] Our Representative [Signature]

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## Test Ticket

NO. **57933**

4/10

Well Name & No. Doc's TRUST #1 Test No. 3 Date 1-9-16  
 Company MESSINGER PETL. INC. Elevation 1714 KB 1704 GL  
 Address 525 S. MAIN ST. KINGMAN KS. 67068  
 Co. Rep / Geo. JON MESSINGER Rig HARDT DRUG. #1  
 Location: Sec. 20 Twp. 29<sup>s</sup> Rge. 9<sup>w</sup> Co. KINGMAN State KS.

Interval Tested 4263 - 4277' Zone Tested MISS.  
 Anchor Length 14' Drill Pipe Run 4155 Mud Wt. 9.4  
 Top Packer Depth 4258' Drill Collars Run 120 Vis 64  
 Bottom Packer Depth 4263' Wt. Pipe Run 0 WL 10.8cc  
 Total Depth 4277' Chlorides 8,000 ppm System LCM ---  
 Blow Description IF: Weak to fair blow 1-7". FSI: No blow.

FF: Weak to fair blow. 1-5 1/2". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>Gas in pipe</u>				
<u>30</u>	<u>SOCMW</u>		<u>1</u>	<u>70</u>	<u>29</u>
<u>120</u>	<u>SW/w o spurs.</u>				

Rec Total 150 BHT 128° Gravity N/A API RW .15 @ 37° F Chlorides 103,000 ppm  
 (A) Initial Hydrostatic 2145  Test 1150 T-On Location 0915  
 (B) First Initial Flow 19  Jars \_\_\_\_\_ T-Started 0942  
 (C) First Final Flow 63  Safety Joint \_\_\_\_\_ T-Open 1207  
 (D) Initial Shut-In 1525  Circ Sub \_\_\_\_\_ T-Pulled 1540  
 (E) Second Initial Flow 69  Hourly Standby \_\_\_\_\_ T-Out 1731  
 (F) Second Final Flow 100  Mileage (85) Comments \_\_\_\_\_  
 (G) Final Shut-In 1510  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2113  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1235  
 Final Flow 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60 Sub Total 1235

Approved By [Signature] Our Representative Cary Pivota

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## Test Ticket

NO. 57934

Well Name & No. Doc's TRUST #1 Test No. 4 Date 1-11-16  
 Company MESSINGER PETL. INC. Elevation 1714 KB 1704 GL  
 Address 525 S. MAIN ST. KINGMAN KS. 67068  
 Co. Rep / Geo. Jon MESSINGER Rig HARDT DRUG. #1  
 Location: Sec. 20 Twp. 29S Rge. 9W Co. KINGMAN State Ks.

Interval Tested 4517 - 4535 Zone Tested VIOLA  
 Anchor Length 18 Drill Pipe Run 4402 Mud Wt. 9.3  
 Top Packer Depth 4512' Drill Collars Run 120 Vis 60  
 Bottom Packer Depth "SWALE" 4517 Wt. Pipe Run 0 WL 12.0cc  
 Total Depth 4535' Chlorides 9500 ppm System LCM ---  
 Blow Description IF: Weak below. 1 - 3 1/2". FSI: No blow.

FF: Weak to fair below. 1 - 8". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>SOCWM</u>	<u>1</u>	<u>35</u>	<u>64</u>	
<u>180</u>	<u>MW</u>		<u>95</u>	<u>5</u>	

Rec Total 215 BHT 136° Gravity N/A API RW 20 @ 40° F Chlorides 62,000 ppm  
 (A) Initial Hydrostatic 2260  Test 1150 T-On Location 0020  
 (B) First Initial Flow 18  Jars \_\_\_\_\_ T-Started 0047  
 (C) First Final Flow 64  Safety Joint \_\_\_\_\_ T-Open 0249  
 (D) Initial Shut-In 1509  Circ Sub \_\_\_\_\_ T-Pulled 0624  
 (E) Second Initial Flow 70  Hourly Standby \_\_\_\_\_ T-Out 0846  
 (F) Second Final Flow 107  Mileage (2.5) Comments \_\_\_\_\_  
 (G) Final Shut-In 1503  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2231  Straddle \_\_\_\_\_  
 Shale Packer \* 250  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total 0  
 Accessibility \_\_\_\_\_ Total 1485  
 Sub Total 1485 MP/DST Disc't \_\_\_\_\_

Approved By

*[Signature]*

Our Representative

*[Signature]*