



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601 BY: \_\_\_\_\_

832 RECEIVED  
NOV 01 2010

## Test Ticket

NO. 040181 14984

4/10

Well Name & No. Phelps # 8-31 Test No. 1 Date 10-28-10  
 Company Grand Mesa Operating Inc. Elevation 2922 KB 2917 GL  
 Address 1700 N. Waterfront Pkwy BLDG 600 Wichita KS 67206  
 Co. Rep / Geo. Bob Peterson Rig Martin 24  
 Location: Sec. 31 Twp. 13S Rge. 31W Co. Grove State KS

Interval Tested 4560-4643 Zone Tested Marrow-Johnson-Miss.  
 Anchor Length 83' Drill Pipe Run 4435 Mud Wt. 9.0  
 Top Packer Depth 4550 Drill Collars Run 119' Vis 54  
 Bottom Packer Depth 4560 Wt. Pipe Run Ø WL 9.2  
 Total Depth 4643 Chlorides 3000 ppm System LCM 4

Blow Description IF: Built to 1/2" Blow  
IS: No Return Blow  
FF: No Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>M</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 112 Gravity / API RW / @ / °F Chlorides / ppm  
 (A) Initial Hydrostatic 2337  Test 1225.09 T-On Location 07:45  
 (B) First Initial Flow 30  Jars 250.09 T-Started 09:15  
 (C) First Final Flow 36  Safety Joint 75.09 T-Open 11:47  
 (D) Initial Shut-In 106  Circ Sub NC T-Pulled 13:47  
 (E) Second Initial Flow 40  Hourly Standby T-Out 15:38  
 (F) Second Final Flow 64  Mileage 62 RT = \$77.50 Comments \_\_\_\_\_  
 (G) Final Shut-In 121  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2253  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total Ø  
 Total 1627.50  
 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] Our Representative Mike Roberts

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. 040182

Well Name & No. Phelps #8-31 Test No. 2 Date 10-29-10  
 Company Grand Mesa Operating Inc Elevation 2922 KB 2917 GL  
 Address 1700 N. Waterfront Pkwy BLDG 600 Wichita KS 67206  
 Co. Rep / Geo. Bob Peterson Rig Martin #24  
 Location: Sec. 31 Twp. 13S Rge. 31W Co. Grove State KS

Interval Tested 4685-4720 Zone Tested Miss  
 Anchor Length 35 Drill Pipe Run 4563 Mud Wt. 9.0  
 Top Packer Depth 4680 Drill Collars Run 119 Vis 54  
 Bottom Packer Depth 4685 Wt. Pipe Run Ø WL 9.2  
 Total Depth 4720 Chlorides 3000 ppm System LCM 4  
 Blow Description IFI BOB in 4 Min  
IS: NO Return  
FF: BOB in 4 Min  
FS: NO Return

Rec	Feet of	%gas	%oil	%water	%ml
<u>248</u>	<u>Feet of MW with Trace of oil</u>		<u>50</u>	<u>50</u>	
<u>310</u>	<u>Feet of MW</u>		<u>90</u>	<u>10</u>	
<u>930</u>	<u>Feet of SW</u>		<u>100</u>		

Rec Total 1488 BHT 132 Gravity ✓ API RW 49.6 @ 44.9 °F Chlorides 20,000 p  
 (A) Initial Hydrostatic 2406  Test 1225.00 T-On Location 02:25  
 (B) First Initial Flow 740  Jars 250.00 T-Started 03:19  
 (C) First Final Flow 384  Safety Joint 75.00 T-Open 05:55  
 (D) Initial Shut-In 1204  Circ Sub NC T-Pulled 08:55  
 (E) Second Initial Flow 402  Hourly Standby T-Out 11:47  
 (F) Second Final Flow 715  Mileage 62 RT = (124 RT) Comments Milage x 2  
 (G) Final Shut-In 1214  Sampler 155.00  
 (H) Final Hydrostatic 2254  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total Ø  
 Day Standby Total 1705  
 Accessibility MP/DST Disc't

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 60

Sub Total 1705  
 Approved By [Signature] Our Representative Mike Roberts