

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 02 2010

Test Ticket

NO. 36927 14596

Well Name & No. Hinshaw #3-17 Test No. 1 Date 7-28-10
 Company Hesse Petroleum Co, LLC Elevation 1675 KB 1665 GL
 Address 400N. Woodlawn, Ste. 7 Wichita, Kansas 67208
 Co. Rep / Geo. Macklin Armstrong Rig Pickrell #1
 Location: Sec. 17 Twp. 24S Rge. 9W Co. Reno State Ks.

Interval Tested 3358-3395 Zone Tested Lansing
 Anchor Length 37' Drill Pipe Run 3349 Mud Wt. 9.4
 Top Packer Depth 3353 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 3358 Wt. Pipe Run 0 WL 12.8
 Total Depth 3395 Chlorides 8,000 ppm System LCM 0

Blow Description IF: Weak blow. Built to 1/2"
ISI: No blow.
FF: Weak blow. Built to 1/4"
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Drilling mud w/oil specks</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 20 BHT 110 Gravity N/C API RW N/A@ —°F Chlorides — ppm

- (A) Initial Hydrostatic 1628
- (B) First Initial Flow 37
- (C) First Final Flow 35
- (D) Initial Shut-In 182
- (E) Second Initial Flow 39
- (F) Second Final Flow 58
- (G) Final Shut-In 80
- (H) Final Hydrostatic 1636

- Test 1125
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 70 R.T. 87⁵⁰
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1537.50

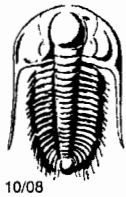
- T-On Location 1200
- T-Started 1423
- T-Open 1652
- T-Pulled 1852
- T-Out 2056
- Comments mp OST Disc.
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1537.50

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

Approved By Macklin M. Armstrong

Our Representative Garry Adams

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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BY: _____

Test Ticket

NO. 36928

Well Name & No. Hinshaw #3-17 Test No. 2 Date 7-30-10
 Company Hesse Petroleum Co., LLC Elevation 1675 KB 1665 GL
 Address 400N. Woodlawn, Ste. 7 Wichita, Kansas 67208
 Co. Rep / Geo. Macklin Armstrong Rig Pickrell #1
 Location: Sec. 17 Twp. 24s Rge. 9w Co. Reno State Ks.

Interval Tested 3737-3773 Zone Tested Mississippi
 Anchor Length 36' Drill Pipe Run 3723 Mud Wt. 9.3
 Top Packer Depth 3732 Drill Collars Run 0 Vis 45
 Bottom Packer Depth 3737 Wt. Pipe Run 0 WL 10.4
 Total Depth 3773 Chlorides 8,000 ppm System LCM 0

Blow Description IF: Strong blow. B.O.B. in 1 1/2 mins.
ISI: No blow.
FF: Strong blow. B.O.B. immediately.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>56 to cm</u>	<u>2</u>	<u>2</u>	<u>96</u>	
<u>0</u>	<u>3063' GIP</u>				

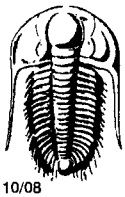
Rec Total 40 BHT 120 Gravity N/C API RW N/A @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1836 Test 1125' T-On Location 0830
 (B) First Initial Flow 29 Jars 250' T-Started 0853
 (C) First Final Flow 31 Safety Joint 75' T-Open 1134
 (D) Initial Shut-In 606 Circ Sub _____ T-Pulled 1520
 (E) Second Initial Flow 34 Hourly Standby _____ T-Out 1723
 (F) Second Final Flow 42 Mileage 70 R.T. 8750 Comments _____
 (G) Final Shut-In 764 Sampler _____
 (H) Final Hydrostatic 1850 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 60 Extra Recorder _____ Extra Copies _____
 Final Shut-In 90 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1537.50
 Sub Total 1537.50

Approved By Macklin M. Armstrong Our Representative Jerry Adams Thank You.

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Test Ticket

NO. 36929

Well Name & No. Hinshaw #3-17 BY: _____ Test No. 3 Date 7-31-10
 Company Hesse Petroleum Co., LLC Elevation 1675 KB 1665 GL
 Address 400N. Woodlawn, Ste. 7 Wichita, Kansas 67208
 Co. Rep / Geo. Macklin Armstrong Rig Pickrell #1
 Location: Sec. 17 Twp. 24S Rge. 9W Co. Reno State Ks

Interval Tested 3773-3793 Zone Tested Mississippi
 Anchor Length 20' Drill Pipe Run 3755 Mud Wt. 9.3
 Top Packer Depth 3768 Drill Collars Run 0 Vis 45
 Bottom Packer Depth 3773 Wt. Pipe Run 0 WL 10.4
 Total Depth 3793 Chlorides 8,000 ppm System LCM 0
 Blow Description IF: Weak blow. Built to 3"
ISI: No blow.
FF: Weak blow. Built to 1", decreased to surface.
FSI: No blow.

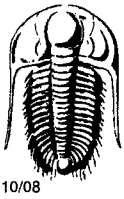
Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Drilling mud w/oil scum</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 116 Gravity N/C API RW N/A @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1868</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>0215</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0329</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0610</u>
(D) Initial Shut-In <u>360</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0955</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1200</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>70 R.T. 87.50</u>	Comments _____
(G) Final Shut-In <u>844</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1857</u>	<input type="checkbox"/> Straddle _____	_____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1537.50</u>
	Sub Total <u>1537.50</u>	

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Test Ticket

NO. 36930

Well Name & No. Hinshaw # 3-17 BY: _____ Test No. 4 Date 8-1-10
 Company Hesse Petroleum Co., LLC Elevation 1675 KB 11665 GL
 Address 400 N. Woodlawn, Ste. 7 Wichita, Kansas 67208
 Co. Rep / Geo. Macklin Armstrong Rig Pickrell #1
 Location: Sec. 17 Twp. 24S Rge. 9W Co. Reno State Ks.

Interval Tested 3980 - 4000 Zone Tested Viola
 Anchor Length 20' Drill Pipe Run 3972 Mud Wt. 9.4
 Top Packer Depth 3975 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3980 Wt. Pipe Run 0 WL 12.4
 Total Depth 4000 Chlorides 8,000 ppm System LCM 0

Blow Description IF: Strong blow. B.O.B. in 1 min. 45 secs.
ISI: Fair blow. Built to 8"
FF: Fair blow. B.O.B. in 11 mins.
FSI: Weak surface blow. Dead in 47 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2525</u>	<u>56' mclw</u>	<u>2</u>		<u>95</u>	<u>3</u>
<u>0</u>	<u>140' GIP</u>				

Rec Total 2525 BHT 124 Gravity N/A API RW .09 @ 86 °F Chlorides 70,000 ppm

(A) Initial Hydrostatic <u>1969</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>0900</u>
(B) First Initial Flow <u>153</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>0945</u>
(C) First Final Flow <u>869</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>1206</u>
(D) Initial Shut-In <u>881</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1618</u>
(E) Second Initial Flow <u>845</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1912</u>
(F) Second Final Flow <u>883</u>	<input checked="" type="checkbox"/> Mileage <u>70 R.T. 87.50</u>	Comments _____
(G) Final Shut-In <u>886</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1951</u>	<input type="checkbox"/> Straddle _____	_____

Initial Open 41 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 60 Extra Packer _____ Ruined Packer _____
 Final Flow 60 Extra Recorder _____ Extra Copies _____
 Final Shut-In 90 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1537.50

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