

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 18 2010

Test Ticket

No. 37008 13924

Well Name & No. Shupland #1-26 Test No. #1 Date 2-13-10
 Company Parsons Engineering, Inc Elevation 2763 KB 2755 GL
 Address 502 St. Rd 4 Chanita, Ks
 Co. Rep / Geo. Bob Jewell Rig H.D. #2
 Location: Sec. 26 Twp. 19 Rge. 28 Co. Lane State Ks

Interval Tested 4162 4209 Zone Tested KC
 Anchor Length 27 Drill Pipe Run 4164' Mud Wt. 9.3
 Top Packer Depth 4177 Drill Collars Run — Vis 46
 Bottom Packer Depth 4162 Wt. Pipe Run — WL 8.0
 Total Depth 4209 Chlorides 4000 ppm System LCM Tr

Blow Description Surface blow
No return
Surface blow
No return

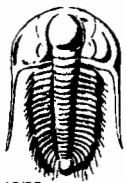
Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 116° Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2051</u>	<input checked="" type="checkbox"/> Test <u>1150'</u>	T-On Location <u>17:45</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>200'</u>	T-Started <u>19:15</u>
(C) First Final Flow <u>21</u>	<input checked="" type="checkbox"/> Safety Joint <u>TS</u>	T-Open <u>21:25</u>
(D) Initial Shut-In <u>963</u>	<input checked="" type="checkbox"/> Circ Sub <u>4/16</u>	T-Pulled <u>23:40</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>01:40</u>
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>82 RT</u>	Comments
(G) Final Shut-In <u>946</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1997</u>	<input type="checkbox"/> Straddle	
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1557</u>
	Sub Total <u>1557</u>	

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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BY: _____

Test Ticket

NO. 37009

Well Name & No. Shepherd # 1-26 Test No. #2 Date 2-13-10
 Company Parson Engineering Elevation 2763 KB 2755 GL
 Address 567 W. St. Rd 4 Chautauk, Ks
 Co. Rep / Geo. Bob Jewell jr Rig H.D. #2
 Location: Sec. 26 Twp. 19 Rge. 28 Co. Lane State Ks

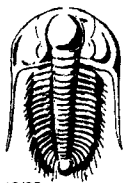
Interval Tested 4262 4270 Zone Tested J
 Anchor Length 8 Drill Pipe Run 4261' Mud Wt. 9.1
 Top Packer Depth 4257 Drill Collars Run — Vis 46
 Bottom Packer Depth 4262 Wt. Pipe Run — WL 80
 Total Depth 4270 Chlorides 4000 ppm System LCM 70
 Blow Description 4 1/2" blow
No return
B.O.B. in 43 min.
No return

Rec	Feet of	%gas	%oil	%water	%mud
300'	water			100%	

Rec Total 300' BHT 131° Gravity — API RW 230 @ 50° F Chlorides 43000 ppm

(A) Initial Hydrostatic <u>2104</u>	<input checked="" type="checkbox"/> Test <u>1150'</u>	T-On Location <u>14:00</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>14:12</u>
(C) First Final Flow <u>34</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>16:00</u>
(D) Initial Shut-In <u>707</u>	<input checked="" type="checkbox"/> Circ Sub <u>W/C</u>	T-Pulled <u>19:00</u>
(E) Second Initial Flow <u>56</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:00</u>
(F) Second Final Flow <u>150</u>	<input checked="" type="checkbox"/> Mileage <u>82 RT</u>	Comments _____
(G) Final Shut-In <u>708</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2006</u>	<input type="checkbox"/> Straddle	_____
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</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>8</u>
	<input type="checkbox"/> Accessibility	Total <u>1557'</u>
	Sub Total <u>1557'</u>	

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Test Ticket

No. 37010

10/08

Well Name & No. Shappard # 1-20 ^{BY:} Test No. #3 Date 2-14-10
 Company Parson Engineering Elevation 2703' KB 2795' GL
 Address 502 St. Rd 4 Okmota, Ks
 Co. Rep / Geo. Bob Jewell Rig H.D. #2
 Location: Sec. 26 Twp. 19 Rge. 28 Co. Lawrence State Ks

Interval Tested 4330 4342 Zone Tested 6
 Anchor Length 12 Drill Pipe Run 4316' Mud Wt. 9.2
 Top Packer Depth 4325 Drill Collars Run — Vis 49
 Bottom Packer Depth 4330 Wt. Pipe Run — WL 7.4
 Total Depth 4342 Chlorides _____ ppm System LCM TV

Blow Description Surface blow died in 13 min.
No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1/2'</u>	<u>mud</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

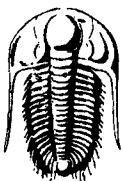
Rec Total 1/2' BHT 116° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2132 Test 1150 T-On Location 08:15
 (B) First Initial Flow 18 Jars 250' T-Started 10:10
 (C) First Final Flow 18 Safety Joint TS T-Open 12:25
 (D) Initial Shut-In 21 Circ Sub 4/C T-Pulled 14:40
 (E) Second Initial Flow 20 Hourly Standby _____ T-Out 16:55
 (F) Second Final Flow 20 Mileage 82RC Comments _____
 (G) Final Shut-In 22 Sampler _____
 (H) Final Hydrostatic 8047 Straddle _____

Initial Open 15 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 600 Day Standby _____ Sub Total 0
 Sub Total 1557' Total 1557'

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Test Ticket

NO. 37011

BY: _____

Well Name & No. Shepherd # 1-26 Test No. #4 Date 2-15-10

Company Hanson Engineering Elevation 2763 KB 2755 GL

Address 562 St. Rd # Obertz, Ks

Co. Rep / Geo. Bob Lewellyn Rig H.D. #2

Location: Sec. 26 Twp. 19 Rge. 28 Co. Lawe State Ks

Interval Tested 4336 4346 Zone Tested L

Anchor Length 10 Drill Pipe Run 4317' Mud Wt. 9.2

Top Packer Depth 4331 Drill Collars Run --- Vis 49

Bottom Packer Depth 4336 Wt. Pipe Run --- WL 7.2

Total Depth 4346 Chlorides 3100 ppm System LCM Tr

Blow Description B.O.B. in 8 min.
No return

B.O.B. in 12 min
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>120'</u>	<u>SMCW</u>		<u>85</u>	<u>15</u>	
<u>600'</u>	<u>WATER</u>		<u>100</u>		
	<u>Show of free oil on top</u>				
	<u>2" W</u>				

Rec Total 720' BHT 129 Gravity --- API RW .277 @ 52° F Chlorides 34,000 ppm

(A) Initial Hydrostatic <u>2141</u>	<input checked="" type="checkbox"/> Test <u>1150'</u>	T-On Location <u>22:50</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>260'</u>	T-Started <u>01:00</u>
(C) First Final Flow <u>120</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>03:55</u>
(D) Initial Shut-In <u>717</u>	<input checked="" type="checkbox"/> Circ Sub <u>W/C</u>	T-Pulled <u>06:55</u>
(E) Second Initial Flow <u>124</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:35</u>
(F) Second Final Flow <u>344</u>	<input checked="" type="checkbox"/> Mileage <u>82.21</u>	Comments _____
(G) Final Shut-In <u>694</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2042</u>	<input type="checkbox"/> Straddle	_____
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies

Initial Open 15

Initial Shut-In 30

Final Flow 45

Final Shut-In 90

Day Standby

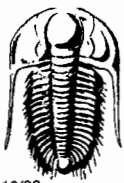
Accessibility

Sub Total 1557'

Total 1557'

Approved By: [Signature] Our Representative: [Signature]

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RECEIVED
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Test Ticket

NO. 37012

10/08

BY: _____

Well Name & No. Shaphand # 1-26 Test No. #5 Date 2-17-10
 Company Lawson Engineering Elevation 2763 KB 2755 GL
 Address 562 St. Rd 4 Chmita, Ks
 Co. Rep / Geo. Bob Hewell, jr Rig H.D.# 2
 Location: Sec. 26 Twp. 19 Rge. 29 Co. Lawson State Ks

Interval Tested 4486 4630 Zone Tested Pawnee - Ft Scott - Johnson
 Anchor Length 150 Drill Pipe Run 4292' Mud Wt. 9.3
 Top Packer Depth 4481 Drill Collars Run 185' NH Vis 53
 Bottom Packer Depth 4486 Wt. Pipe Run --- WL 7.2
 Total Depth 4630 Chlorides 2700 ppm System LCM #1

Blow Description 1/4" in blow died back to vent. Surface blow
No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>mud</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 Total 10' BHT 115° Gravity --- API RW --- @ --- F Chlorides --- ppm

- (A) Initial Hydrostatic 2261
- (B) First Initial Flow 30
- (C) First Final Flow 34
- (D) Initial Shut-In 370
- (E) Second Initial Flow 35
- (F) Second Final Flow 37
- (G) Final Shut-In 444
- (H) Final Hydrostatic 2187

- Test 1150'
- Jars 250'
- Safety Joint 75'
- Circ Sub N/L
- Hourly Standby
- Mileage 22 RT
- Sampler
- Straddle
- Shale Packer 250'
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1807'

- T-On Location 18:40
- T-Started 19:15
- T-Open 21:21
- T-Pulled 23:30
- T-Out 02:50
- Comments _____
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1807'

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60

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