

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041422 15335

Well Name & No. Brungardt / Hasselhorst Unit 9-1 Test No. 1 Date 1-28-11
 Company IA Elevation 2283 KB 2275 GL
 Address 9915 W 21st N Suite B Wichita, KS 67205
 Co. Rep / Geo. Randy K. Lian Rig Maverick 108
 Location: Sec. 89 Twp. 14 Rge. 20 Co. Ellis State Ks

Interval Tested 3554-3610 Zone Tested LKC "A-C"
 Anchor Length 56 Drill Pipe Run 3554 Mud Wt. 8.6
 Top Packer Depth 3549 Drill Collars Run — Vis 64
 Bottom Packer Depth 3554 Wt. Pipe Run — WL 8.0
 Total Depth 3610 Chlorides 2500 ppm System LCM
 Blow Description IFP - stg. sur blow throughout
ISI - no blow back
FFP - no blow
FST - no blow back

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

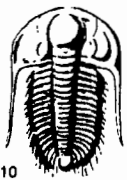
Rec Total 10 BHT 104 Gravity 1125 API RW — @ — °F Chlorides 2500 ppm

(A) Initial Hydrostatic 1744 Test 1125 T-On Location 1453
 (B) First Initial Flow 34 Jars — T-Started 1542
 (C) First Final Flow 34 Safety Joint — T-Open 1750
 (D) Initial Shut-In 705 Circ Sub — T-Pulled 1955
 (E) Second Initial Flow 35 Hourly Standby — T-Out 2136
 (F) Second Final Flow 38 Mileage 38 RT 47.50 Comments —
 (G) Final Shut-In 667 Sampler —
 (H) Final Hydrostatic 1693 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1172.50
 Accessibility — MP/DST Disc't —
 Sub Total 1172.50

Initial Open 5
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 30

Approved By _____ Our Representative Brian Farbank

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041423

JAN 31 2011

4/10

Well Name & No. Brungardt-Hesselhorst Unit 9-1 Test No. 2 Date 1-29-11
 Company IA Elevation 2283 KB 2275 GL
 Address _____
 Co. Rep / Geo. Randy Kilian Rig Maverick 108
 Location: Sec. 8 Twp. 14 Rge. 20 Co. Ellis State KO

Interval Tested 3649-3675 Zone Tested LKC "G"
 Anchor Length 26 Drill Pipe Run 3645 Mud Wt. 9.3
 Top Packer Depth 3644 Drill Collars Run — Vis 48
 Bottom Packer Depth 3649 Wt. Pipe Run — WL 8.8
 Total Depth 3675 Chlorides 8000 ppm System LCM _____
 Blow Description IFP- weak blow throughout 1/4" - 3"
ISI- no blow back
FFP- BOB 24 min.
FSI- no blow back

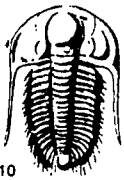
Rec	Feet of	%gas	%oil	%water	%mud
<u>370</u>	<u>MW</u>			<u>90</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 370 BHT 112 Gravity _____ API RW .121 @ 62 °F Chlorides 80.000 ppm

(A) Initial Hydrostatic <u>1798</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>0726</u>
(B) First Initial Flow <u>20</u>	<input type="checkbox"/> Jars _____	T-Started <u>0812</u>
(C) First Final Flow <u>28</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>1000</u>
(D) Initial Shut-In <u>702</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1335</u>
(E) Second Initial Flow <u>32</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1511</u>
(F) Second Final Flow <u>134</u>	<input checked="" type="checkbox"/> Mileage <u>38 RT 47.50</u>	Comments _____
(G) Final Shut-In <u>678</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1704</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>8</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1172.50</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1172.50</u>	

Approved By _____ Our Representative Brian Farbak

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041424

Well Name & No. Brungardt-Hesselherst Unit 9-1 Test No. 3 Date 1-30-11
 Company IA Elevation 2283 KB 2275 GL
 Address _____
 Co. Rep / Geo. Randy Kikan Rig Maverick 108
 Location: Sec. 8 Twp. 14 Rge. 20 Co. Ellis State Ks

Interval Tested 3688-3763 Zone Tested LKC "L"
 Anchor Length 75 Drill Pipe Run 3677 Mud Wt. 9.3
 Top Packer Depth 3683 Drill Collars Run — Vis 48
 Bottom Packer Depth 3688 Wt. Pipe Run — WL 8.8
 Total Depth 3763 Chlorides 8000 ppm System LCM _____
 Blow Description IFP- weak blow throughout 1/2"-1"
ISI- no blow back
FFP- weak blow throughout sur-1"
FSI- no blow back

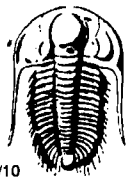
Rec	Feet of	%gas	spts	%oil	%water	%mud
<u>25</u>	<u>0 spt mud</u>				<u>100</u>	
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud

Rec Total 25 BHT 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1824</u>	<input checked="" type="checkbox"/> Test <u>11250'</u>	T-On Location <u>0105</u>
(B) First Initial Flow <u>20</u>	<input type="checkbox"/> Jars _____	T-Started <u>0153</u>
(C) First Final Flow <u>21</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>0353</u>
(D) Initial Shut-In <u>1043</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0558</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0751</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>3802 4790</u>	Comments _____
(G) Final Shut-In <u>776</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1730</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1172.50</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1172.50</u>	

Approved By _____ Our Representative Brian Farbank

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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041425

Well Name & No. Brungardt - Hasselherst Unit 9-1 Test No. 4 Date 1-31-11
 Company IA Elevation 2283 KB 2275 GL
 Address _____
 Co. Rep / Geo. Randy Kilian Rig Maverick 108
 Location: Sec. 8 Twp. 14 Rge. 20 Co. Ellis State Ks

Interval Tested 3883-3927 Zone Tested Regan Sand
 Anchor Length 44 Drill Pipe Run ~~388~~ 3875 Mud Wt. 9.3
 Top Packer Depth 3878 Drill Collars Run — Vis 52
 Bottom Packer Depth 3883 Wt. Pipe Run — WL 8.8
 Total Depth 4000 Chlorides 7000 ppm System LCM _____
 Blow Description IFF - BOB 1 1/2 min
ISI - sur blow back - died 24 min
FFP - BOB 2 min
FSI - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>215</u>	<u>WM</u>			<u>15</u>	<u>85</u>
<u>93520</u>	<u>reversed out</u>			<u>95</u>	<u>5</u>
<u>120</u>	<u>MW</u>				
_____	_____				
_____	_____				

Rec Total 1270 BHT 122 Gravity _____ API RW .227 @ 53 °F Chlorides 46,000 ppm

(A) Initial Hydrostatic <u>1973</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>0624</u>
(B) First Initial Flow <u>61</u>	<input type="checkbox"/> Jars _____	T-Started <u>0659</u>
(C) First Final Flow <u>133</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>0901</u>
(D) Initial Shut-In <u>1183</u>	<input checked="" type="checkbox"/> Circ Sub <u>50</u>	T-Pulled <u>1151</u>
(E) Second Initial Flow <u>157</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1423</u>
(F) Second Final Flow <u>598</u>	<input checked="" type="checkbox"/> Mileage <u>388RT 417.50</u>	Comments _____
(G) Final Shut-In <u>1181</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1844</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>75</u>	<input type="checkbox"/> Day Standby _____	Total <u>1822.50</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1822.50</u>	

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