

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 13 2011
BY: _____

Test Ticket

NO. 042132

11327

Well Name & No. Hess - Christy 1-34 Test No. 1 Date 9/10/11
 Company Cerand Mesa Operating Company Elevation 2929 KB 2927 GL
 Address 1700 N Waterfront Pkwy BLDG 200 Wichita KS 67206-5514
 Co. Rep / Geo. Bob Schreier Rig Martin Drilling, Martin 24
 Location: Sec. 34 Twp. 13 Rge. 32 Co. Logan State KS

Interval Tested 3976 - 3996 Zone Tested Lansing "C"
 Anchor Length 20 Drill Pipe Run 3869 Mud Wt. 8.8
 Top Packer Depth 3972 Drill Collars Run 117 Vis 59
 Bottom Packer Depth 3976 Wt. Pipe Run 0 WL 8.0
 Total Depth 3996 Chlorides 2,200 ppm System LCM 2

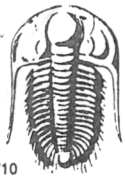
Blow Description Built to 8'2" blow
No return below
B.O.B. in 43 min.
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>168</u>	<u>mc w</u>			<u>80</u>	<u>20</u>
<u>117</u>	<u>w</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 285 BHT 117 Gravity — API RW 216 @ 54 °F Chlorides 60,000 ppm

(A) Initial Hydrostatic 1,432 Test 1125 T-On Location 21:45
 (B) First Initial Flow 15 Jars T-Started 23:36
 (C) First Final Flow 88 Safety Joint T-Open 1:29
 (D) Initial Shut-In 1,338 Circ Sub n/c T-Pulled 4:47
 (E) Second Initial Flow 91 Hourly Standby 1/4 hr 25 T-Out 6:55
 (F) Second Final Flow 145 Mileage 60 RT 84 Comments _____
 (G) Final Shut-In 1,116 Sampler _____
 (H) Final Hydrostatic 1,919 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1234 Sub Total 1234
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 75
 Sub Total 1234 Total 1234 MP/DST Disc't _____

Approved By _____ 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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SEP 16 2011

Test Ticket

NO. 042133

BY: _____

Well Name & No. Hess-Christy 1-34 Test No. 2 Date 9/12/11
 Company Corand Mesa Operating Company Elevation 2929 KB 2924 GL
 Address 1700 N Waterfront Pkwy Bldg 600 Wichita KS 67206-5514
 Co. Rep / Geo. Bolo Schreileer Rig Martin 24
 Location: Sec. 34 Twp. 13 Rge. 32 Co. Logan State KS

Interval Tested 4216-4250 Zone Tested Kansas City "L"
 Anchor Length 34 Drill Pipe Run 4086 Mud Wt. 9.2
 Top Packer Depth 4212 Drill Collars Run 117 Vis 55
 Bottom Packer Depth 4216 Wt. Pipe Run 0 WL 7.2
 Total Depth 4250 Chlorides 3,200 ppm System LCM 3

Blow Description Weak surface below
No return below
Very weak surface below
No return below

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 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 2,099
- (B) First Initial Flow 14
- (C) First Final Flow 17
- (D) Initial Shut-In 715
- (E) Second Initial Flow 17
- (F) Second Final Flow 50
- (G) Final Shut-In 625
- (H) Final Hydrostatic 2,032

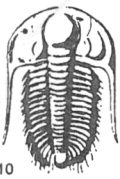
- Test 1225'
- Jars _____
- Safety Joint _____
- Circ Sub N/C
- Hourly Standby ?
- Mileage LeORT 84'
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby 7day + 30hrs
- Accessibility _____
- Sub Total 1309'

T-On Location 13100
 T-Started 13:30
 T-Open 15:25
 T-Pulled 17:25
 T-Out 18:59

Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 1000.20
 Total 2309.20
 MP/DST Disc't _____

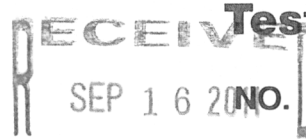
Approved By _____ Our Representative [Signature]

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Test Ticket

NO. 042134

Well Name & No. Hess - Christy 1-34 BY: _____
 Company Gerard Mesa Operating Company Test No. 3 Date 9/13/11
 Address 1700 N Waterfront PKWY BLDG 6000 Wichita KS 67206-5514 Elevation 2929 KB 2924 GL
 Co. Rep / Geo. Bole Schreiber Rig Murkin 24
 Location: Sec. 34 Twp. 13 Rge. 32 Co. Logan State KS

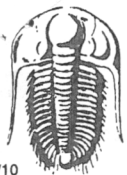
Interval Tested 4381-4469 Zone Tested Fort Scott
 Anchor Length 88 Drill Pipe Run 4272 Mud Wt. 9.3
 Top Packer Depth 4377 Drill Collars Run 117 Vis 51
 Bottom Packer Depth 4381 Wt. Pipe Run 0 WL B.B
 Total Depth 4469 Chlorides 4,400 ppm System LCM 2

Blow Description B.O.B. in 5 1/2 min.
No return below
B.O.B. in 10 1/2 min.
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>283</u>	<u>mcw</u>		<u>50</u>	<u>50</u>	
<u>186</u>	<u>mcw</u>		<u>90</u>	<u>10</u>	
<u>241</u>	<u>w</u>		<u>100</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 710 BHT 125 Gravity _____ API RW .12 @ 60 °F Chlorides 80,000 ppm
 (A) Initial Hydrostatic 2,155 Test 1225 T-On Location 18:20
 (B) First Initial Flow 42 Jars _____ T-Started 19:00
 (C) First Final Flow 208 Safety Joint _____ T-Open 21:03
 (D) Initial Shut-In 910 Circ Sub 50 T-Pulled 00:47
 (E) Second Initial Flow 229 Hourly Standby _____ T-Out 3:14
 (F) Second Final Flow 374 Mileage 60 RT 84 Comments _____
 (G) Final Shut-In 864 Sampler _____
 (H) Final Hydrostatic 2,096 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 8
 Initial Shut-In 45 Day Standby _____ Total 1359
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1359

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Test Ticket

RECEIVED
NO. 042135
SEP 16 2011

042135

Well Name & No. Hess - Christy 1-34 Test No. 4 Date 9/14/11
 Company Grand Mesa Operating Company Elevation 2929 KB 2924 GL
 Address 1700 N Waterfront Pkwy Bldg 600 Wichita KS 67206-5514
 Co. Rep / Geo. Bob Schreiber Rig Martin 24
 Location: Sec. 34 Twp. 13 Rge. 32 Co. Logan State KS

Interval Tested 4465 - 4520 Zone Tested Johnson
 Anchor Length 55 Drill Pipe Run 4335 Mud Wt. 9.4
 Top Packer Depth 4461 Drill Collars Run 117 Vis 54
 Bottom Packer Depth 4465 Wt. Pipe Run 0 WL 9.2
 Total Depth 4520 Chlorides 4,800 ppm System LCM 2

Blow Description B.O.B. in 5 1/2 min.
Built to 7 1/2 return blow
B.O.B. in 9 1/2 min.
Built to 5 1/2 return blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>455</u>	<u>1034 feet gas in pipe</u>				
<u>455</u>	<u>0.1</u>	<u>100</u>			
<u>250</u>	<u>mcw 60</u>	<u>30</u>	<u>30</u>	<u>20</u>	<u>20</u>
				<u>2</u>	

Rec Total 705 BHT 124 Gravity 31 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2,205
 (B) First Initial Flow 35
 (C) First Final Flow 147
 (D) Initial Shut-In 1,194
 (E) Second Initial Flow 174
 (F) Second Final Flow 338
 (G) Final Shut-In 1,186
 (H) Final Hydrostatic 2,130

- Test 1225'
 - Jars
 - Safety Joint
 - Circ Sub
 - Hourly Standby 44hr 25'
 - Mileage 60 RT 84'
 - Sampler
 - Straddle
 - Shale Packer
 - Extra Packer
 - Extra Recorder
 - Day Standby
 - Accessibility
- Sub Total 1334'

T-On Location 13:00
 T-Started 14:20
 T-Open 16:00
 T-Pulled 19:45
 T-Out 22:14

Comments _____
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 8
 Total 1334'
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

Approved By _____

Our Representative [Signature]

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