



TRILOBITE TESTING INC.

Brandon Turkey

1-785-650-8399

Test Ticket

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 17 2010

No. 37083 13926

Well Name & No. DFT #2-1 BY: Test No. 1 Date 2-13-10
 Company Murfin Drilling Co. Inc. Elevation 3069 KB 3059 GL
 Address 250 N Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Bob Peterson Rig Murfin #14
 Location: Sec. 1 Twp. 13S Rge. 33W Co. Grove State KS

Interval Tested 3996-4094 Zone Tested LKC A - LKC B
 Anchor Length 98' Drill Pipe Run 3453 Mud Wt. 8.8
 Top Packer Depth 3994 Drill Collars Run 540 Vis 98
 Bottom Packer Depth 3994 Wt. Pipe Run 0 WL 6.8
 Total Depth 4094 Chlorides 3500 ppm System LCM 4

Blow Description IF: BOB in 1 Min
IS: NO Return
FF: BOB in 2 Min
FS: NO Return

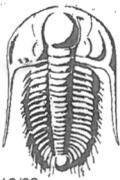
Rec	Feet of	%gas	%oil	%water	%mud
220 <u>190</u>	<u>wcm</u>		<u>40</u>	<u>60</u>	
<u>190</u>	<u>wm</u>		<u>50</u>	<u>50</u>	
<u>475</u>	<u>gcmw</u>	<u>10</u>	<u>50</u>	<u>40</u>	
665 <u>540</u>	<u>mcw</u>		<u>70</u>	<u>30</u>	
<u>540</u>	<u>mcw</u>		<u>95</u>	<u>5</u>	

Rec Total 2090' BHT 117 Gravity — API RW .169 @ 55.6° F Chlorides 60,000 ppm

(A) Initial Hydrostatic 2021 Test 1150 T-On Location 06:45 AM
 (B) First Initial Flow 142 Jars _____ T-Started 07:53 AM
 (C) First Final Flow 708 Safety Joint 75- T-Open 09:58 AM
 (D) Initial Shut-In 1209 Circ Sub NC T-Pulled 13:00
 (E) Second Initial Flow 730 Hourly Standby _____ T-Out 15:30
 (F) Second Final Flow 970 Mileage 8200 RT = # 8200 Comments _____
 (G) Final Shut-In 1211 Sampler _____
 (H) Final Hydrostatic 1959 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 60 Accessibility _____ Total 2090 - 1307
 Final Flow 30 Sub Total 2090 - 1307
 Final Shut-In 60

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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P.O. Box 1733 • Hays, Kansas 67601

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FEB 22 2010

Test Ticket

NO. 37048

10/08

Well Name & No. DFT 2-1 BY: _____ Test No. 2 Date 2-14-10
 Company Murfin Drilling Co Elevation 3068 KB 3058 GL _____
 Address 250 N Water Ste 300 Wichita, KS 67202
 Co. Rep / Geo. Bob Peterson Rig Murfin 14
 Location: Sec. 1 Twp. 13 Rge. 33 Co. Logan State KS

Interval Tested 4110 4148 Zone Tested Lansing EDF
 Anchor Length _____ 38 Drill Pipe Run 3552 Mud Wt. 9.1
 Top Packer Depth _____ 4105 Drill Collars Run 540 Vis 51
 Bottom Packer Depth _____ 4110 Wt. Pipe Run _____ WL 6.8
 Total Depth _____ 4148 Chlorides 4000 ppm System LCM 4

Blow Description IP; BOB in 5 min.
IS; No return.
FF; BOB in 9 min.
FS; No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>376</u>	<u>wcm</u>			<u>30</u>	<u>70</u>
<u>282</u>	<u>mcw</u>			<u>70</u>	<u>30</u>
<u>376</u>	<u>mcw</u>			<u>95</u>	<u>5</u>
_____	_____			_____	_____
_____	_____			_____	_____

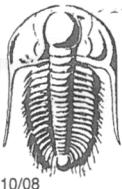
Rec Total 1034 BHT 118 Gravity _____ API RW .16 @ 57 °F Chlorides 59,000 ppm

(A) Initial Hydrostatic 2003 Test 1150.00 T-On Location 00:00
 (B) First Initial Flow 26 Jars _____ T-Started 1:09
 (C) First Final Flow 346 Safety Joint 75.00 T-Open 4:08
 (D) Initial Shut-In ~~351~~ 1216 Circ Sub N/A T-Pulled 7:08
 (E) Second Initial Flow 475 351 Hourly Standby _____ T-Out 9:50
 (F) Second Final Flow 475 Mileage 82-82.00
 (G) Final Shut-In 1185 Sampler _____
 (H) Final Hydrostatic 1957 Straddle _____

Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____
 Accessibility _____
 Sub Total 1307 Sub Total 1307
 Total 1307

Approved By R. J. [Signature] Our Representative _____

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Test Ticket

NO. 37049

Well Name & No. DFT 2-1 Test No. 3 Date 2-15-10
 Company Murfin Drilling Company Elevation 3068 KB 3058 GL
 Address 250 N Water st 300 Wichita, KS 67202
 Co. Rep / Geo. Bob Peterson Rig Murfin 14
 Location: Sec. 1 Twp. 13 Rge. 33 Co. Logan State KS

Interval Tested 4187 4247 Zone Tested LKB-HOI
 Anchor Length 60 Drill Pipe Run 3646 Mud Wt. 9.1
 Top Packer Depth 4182 Drill Collars Run 540 Vis 52
 Bottom Packer Depth 4187 Wt. Pipe Run — WL 5.6
 Total Depth 4247 Chlorides 4000 ppm System LCM 3

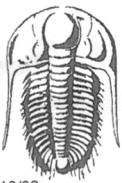
Blow Description IF: BOB in 1 min,
FS: Surface blow built to 1 1/2 in 30 min,
FF: BOB in 3 min,
FS: Surface blow built to 1 in 60 min,

Rec	Feet of	%gas	%oil	%water	%mud
<u>84</u>	<u>50</u>	<u>5</u>	<u>95</u>		
<u>94</u>	<u>mwc90</u>	<u>5</u>	<u>55</u>	<u>10</u>	<u>30</u>
<u>376</u>	<u>90cwm</u>	<u>10</u>	<u>30</u>	<u>10</u>	<u>50</u>
<u>376</u>	<u>wmc90</u>	<u>30</u>	<u>30</u>	<u>10</u>	<u>30</u>
<u>658</u>	<u>ocmw</u>	<u>10</u>	<u>10</u>	<u>80</u>	<u>10</u>
Rec Total	<u>1588</u> BHT <u>119</u>	Gravity <u>33</u>	API RW <u>.18 @ 53</u> °F	Chlorides <u>55,000</u>	ppm

(A) Initial Hydrostatic 2089 Test 1150.00 T-On Location 1:15
 (B) First Initial Flow 95 Jars _____ T-Started 2:00
 (C) First Final Flow 424 Safety Joint 75.00 T-Open 4:35
 (D) Initial Shut-In 1268 Circ Sub N/L T-Pulled 6:50
 (E) Second Initial Flow 435 Hourly Standby _____ T-Out 10:10
 (F) Second Final Flow 700 Mileage 82-82.00 Comments _____
 (G) Final Shut-In 1265 Sampler _____
 (H) Final Hydrostatic 2031 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1307
 Sub Total 1307

Approved By [Signature] Our Representative [Signature]

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Test Ticket

NO. 37050

10/08

Well Name & No. DFT 2-1 Test No. 4 Date 2-15-10
 Company Murfin Drilling Company Elevation 3068 KB 3058 GL
 Address 250 N. Water St 300 Wichita, KS 67202
 Co. Rep / Geo. Bob Peterson Rig Murfin 14
 Location: Sec. 1 Twp. 13 Rge. 33 Co. Logan State KS

Interval Tested 4244 4273 Zone Tested LKC-J
 Anchor Length 29 Drill Pipe Run 3710 Mud Wt. 9.2
 Top Packer Depth 4239 Drill Collars Run 540 Vis 52
 Bottom Packer Depth 4244 Wt. Pipe Run — WL 6.2
 Total Depth 4273 Chlorides 4900 ppm System LCM 3

Blow Description FF: BOB in 6 min.
#5: surface blow built to 1/2 in 60 min.
FF: BOB in 8 min.
FS: surface blow built to 1/4 in 60 min.

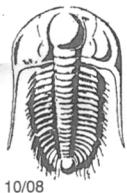
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>0'</u>	<u>100%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
<u>178</u>	<u>mlw</u>	<u>Trace of oil</u>	<u>70</u>	<u>30</u>	<u>0</u>
<u>282</u>	<u>mlw</u>	<u>90</u>	<u>10</u>	<u>0</u>	<u>0</u>
<u>470</u>	<u>mlw</u>	<u>95</u>	<u>5</u>	<u>0</u>	<u>0</u>

Rec Total 940 BHT 122 Gravity 31 API RW .16 @ 58 °F Chlorides 57,000 ppm

(A) Initial Hydrostatic 2126 Test 1150.00 T-On Location 16:30
 (B) First Initial Flow 19 Jars T-Started 17:04
 (C) First Final Flow 306 Safety Joint 75.00 T-Open 19:13
 (D) Initial Shut-In 1252 Circ Sub N/L T-Pulled 22:13
 (E) Second Initial Flow 312 Hourly Standby T-Out 1:00
 (F) Second Final Flow 423 Mileage 82-82.00 Comments _____
 (G) Final Shut-In 1238 Sampler _____
 (H) Final Hydrostatic 2067 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1307
 Sub Total 1307

Approved By [Signature] Our Representative [Signature]

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RECEIVED
FEB 22 2010
BY: _____

Test Ticket

NO. 37051

Well Name & No. DFT 2-1 Test No. 5 Date 2-16-10
 Company Murfin Drilling Company Elevation 3068 KB 3058 GL
 Address 250 N. Water St 300 Wichita, KS 67202
 Co. Rep / Geo. Bob Peterson Rig Murfin 14
 Location: Sec. 1 Twp. 13 Rge. 33 Co. Logan State KS

Interval Tested 4395 4492 Zone Tested Altamont Pawnee
 Anchor Length 97 Drill Pipe Run 3837 Mud Wt. 9.1
 Top Packer Depth 4390 Drill Collars Run 540 Vis 64
 Bottom Packer Depth 4395 Wt. Pipe Run — WL 6.0
 Total Depth 4492 Chlorides 6200 ppm System LCM 4

Blow Description IF: 1/2 blow died in 13 min.
IS: No return.
FF: No blow.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>mud some oil spots</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 111 Gravity — API RW — @ — °F Chlorides — ppm

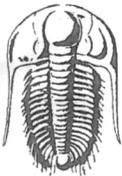
(A) Initial Hydrostatic 2327 Test 1150.00 T-On Location 23:00
 (B) First Initial Flow 17 Jars — T-Started 23:55
 (C) First Final Flow 22 Safety Joint 75.00 T-Open 2:35
 (D) Initial Shut-In 658 Circ Sub N/L T-Pulled 5:35
 (E) Second Initial Flow 24 Hourly Standby — T-Out 7:45

(F) Second Final Flow 29 Mileage 82-82.00
 (G) Final Shut-In 260 Sampler —
 (H) Final Hydrostatic 2209 Straddle —

Initial Open 30 Shale Packer — Ruined Shale Packer —
 Initial Shut-In 60 Extra Packer — Ruined Packer —
 Final Flow 30 Extra Recorder — Extra Copies —
 Final Shut-In 60 Day Standby — Sub Total 0
 Accessibility — Total 1307

Approved By R. Peterson Our Representative [Signature]
 Sub Total 1307

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RECEIVED
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Test Ticket

No. 37052

10/08

BY: _____

Well Name & No. DFT 2-1 Test No. 6 Date 2-17-10
 Company Martin Drilling Company Elevation 3068 KB 3058 GL
 Address 250 N. Water Ste 300 Wichita, KS 67202
 Co. Rep / Geo. Bob Peterson Rig Martin 14
 Location: Sec. 1 Twp. 13 Rge. 33 Co. Logan State KS

Interval Tested 4565 4582 Zone Tested Ft. Scott - Cherokee
 Anchor Length 77 Drill Pipe Run 3964 Mud Wt. 9.3
 Top Packer Depth 4500 Drill Collars Run 540 Vis 65
 Bottom Packer Depth 4505 Wt. Pipe Run — WL 6.4
 Total Depth 4582 Chlorides 8900 ppm System LCM 4

Blow Description IF: 1/4 blow built to 2 in 30 min.
FS: No return.
FE: NO blow.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</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

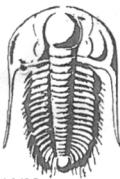
Rec Total 95 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2292 Test 1150.00 T-On Location 17:30
 (B) First Initial Flow 18 Jars T-Started 17:48
 (C) First Final Flow 42 Safety Joint 75.00 T-Open 19:33
 (D) Initial Shut-In 1163 Circ Sub NIL T-Pulled 22:33
 (E) Second Initial Flow 46 Hourly Standby T-Out 00:40
 (F) Second Final Flow 64 Mileage 82-82.00 Comments _____
 (G) Final Shut-In 1141 Sampler _____
 (H) Final Hydrostatic 2221 Straddle _____

Initial Open 30 Shale Packer Ruined Shale Packer
 Initial Shut-In 60 Extra Packer Ruined Packer
 Final Flow 30 Extra Recorder Extra Copies
 Final Shut-In 60 Day Standby Sub Total 0
 Accessibility Total 1307
 Sub Total 1307

Approved By R. [Signature] Our Representative [Signature]

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RECEIVED

FEB 22 2010

Test Ticket

NO. 37053

10/08

Well Name & No. DFT 2-1 Test No. 7 Date 2-18-10
 Company Murfin Drilling Company Elevation 3068 KB 3058 GL
 Address 250 N. Wyster Ste 300 Wichita, KS 67202
 Co. Rep / Geo. Bob Peterson Rig Murfin 14
 Location: Sec. 1 Twp. 13 Rge. 33 Co. Logan State KS

Interval Tested 4582 4630 Zone Tested Johnson
 Anchor Length 48 Drill Pipe Run 4027 Mud Wt. 9.3
 Top Packer Depth 4877 Drill Collars Run 540 Vis 65
 Bottom Packer Depth 4582 Wt. Pipe Run — WL 6.4
 Total Depth 4630 Chlorides 8900 ppm System LCM 4

Blow Description IF: BoB in 1 1/2 min.
IS: BoB in 35 min.
FF: BoB in 3 min.
FS: BoB in 40 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1692</u>	<u>gocw/wm c90</u>	<u>20</u>	<u>40</u>	<u>20</u>	<u>20</u>
<u>470</u>	<u>ocmw</u>	<u>—</u>	<u>10</u>	<u>60</u>	<u>30</u>
<u>94</u>	<u>ocmw</u>	<u>—</u>	<u>5</u>	<u>65</u>	<u>30</u>
<u>0</u>	<u>940 GIP</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 2256 BHT 127 Gravity — API RW .17 @ 63 °F Chlorides 49000 ppm

(A) Initial Hydrostatic 2301 Test 1150.00 T-On Location 8:45
 (B) First Initial Flow 111 Jars — T-Started 9:21
 (C) First Final Flow 698 Safety Joint 75.00 T-Open 11:15
 (D) Initial Shut-In 1151 Circ Sub 50.00 T-Pulled 15:15
 (E) Second Initial Flow 705 Hourly Standby — T-Out 18:30
 (F) Second Final Flow 984 Mileage 82-8200 Comments —
 (G) Final Shut-In 1135 Sampler —
 (H) Final Hydrostatic 2247 Straddle —
 Shale Packer — Ruined Shale Packer —
 Extra Packer — Ruined Packer —
 Extra Recorder — Extra Copies (9) 4-20
 Initial Open 30 Day Standby — Sub Total 20
 Initial Shut-In 60 Accessibility — Total 1327
 Final Flow 60
 Final Shut-In 90
 Sub Total 1307

Approved By [Signature] Our Representative [Signature]

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