



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co In

29 2 26 Decatur KS

C&H Land #2-29

Start Date: 2006.07.24 @ 02:20:11

End Date: 2006.07.24 @ 08:40:50

Job Ticket #: 24686 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co InWichita KS 67202

C&H Land #2-29

29 2 26 Decatur KS

Job Ticket: 24686

DST#: 1

Test Start: 2006.07.24 @ 02:20:11

GENERAL INFORMATION:

Formation: **Toronto-A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:59:51

Time Test Ended: 08:40:50

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 3

Interval: **3450.00 ft (KB) To 3527.00 ft (KB) (TVD)**

Total Depth: 3527.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Reference Elevations: 2607.00 ft (KB)

2602.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 48.19 psig @ 3451.00 ft (KB)

Start Date: 2006.07.24

End Date:

2006.07.24

Start Time: 02:20:11

End Time:

08:24:50

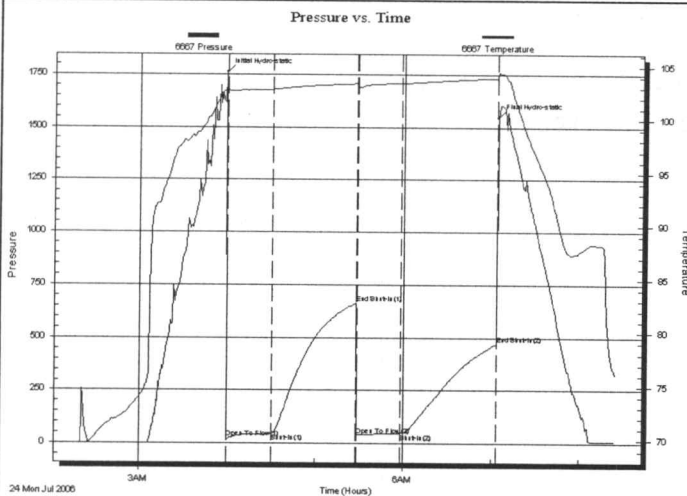
Capacity: 7000.00 psig

Last Calib.: 2006.07.24

Time On Btm: 2006.07.24 @ 03:59:21

Time Off Btm: 2006.07.24 @ 07:03:35

TEST COMMENT: 1/4" in blow built to 3/4" in
No return
Surface blow in 5 min died in 12 min
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.95	102.85	Initial Hydro-static
1	22.00	102.77	Open To Flow (1)
31	45.98	102.85	Shut-In (1)
89	665.54	103.41	End Shut-In (1)
89	37.67	103.04	Open To Flow (2)
119	48.19	103.44	Shut-In (2)
184	472.49	103.94	End Shut-In (2)
185	1547.30	104.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 20%O 80%M	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co InWichita KS 67202

C&H Land #2-29

29 2 26 Decatur KS

Job Ticket: 24686

DST#: 1

Test Start: 2006.07.24 @ 02:20:11

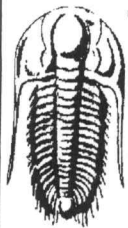
Tool Information

Drill Pipe:	Length: 2952.00 ft	Diameter: 3.80 inches	Volume: 41.41 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 489.00 ft	Diameter: 2.25 inches	Volume: 2.40 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	43.81 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3450.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	77.00 ft				
Tool Length:	99.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3429.00	
Shut In Tool	5.00			3434.00	
Hydraulic tool	5.00			3439.00	
Safety Joint	2.00			3441.00	
Packer	5.00		Fluid	3446.00	22.00 Bottom Of Top Packer
Packer	4.00			3450.00	
Stubb	1.00			3451.00	
Recorder	0.00	6667	Inside	3451.00	
Perforations	7.00			3458.00	
Change Over Sub	1.00			3459.00	
Drill Pipe	62.00			3521.00	
Change Over Sub	1.00			3522.00	
Recorder	0.00	11058	Inside	3522.00	
Bullnose	5.00			3527.00	77.00 Bottom Packers & Anchor

Total Tool Length: 99.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

C&H Land #2-29

250 N Water Ste 300
Wichita KS 67202

29 2 26 Decatur KS

Job Ticket: 24686

DST#: 1

ATTN: Murfin Drilling Co InWichita KS 67202

Test Start: 2006.07.24 @ 02:20:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 20%O 80%M	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

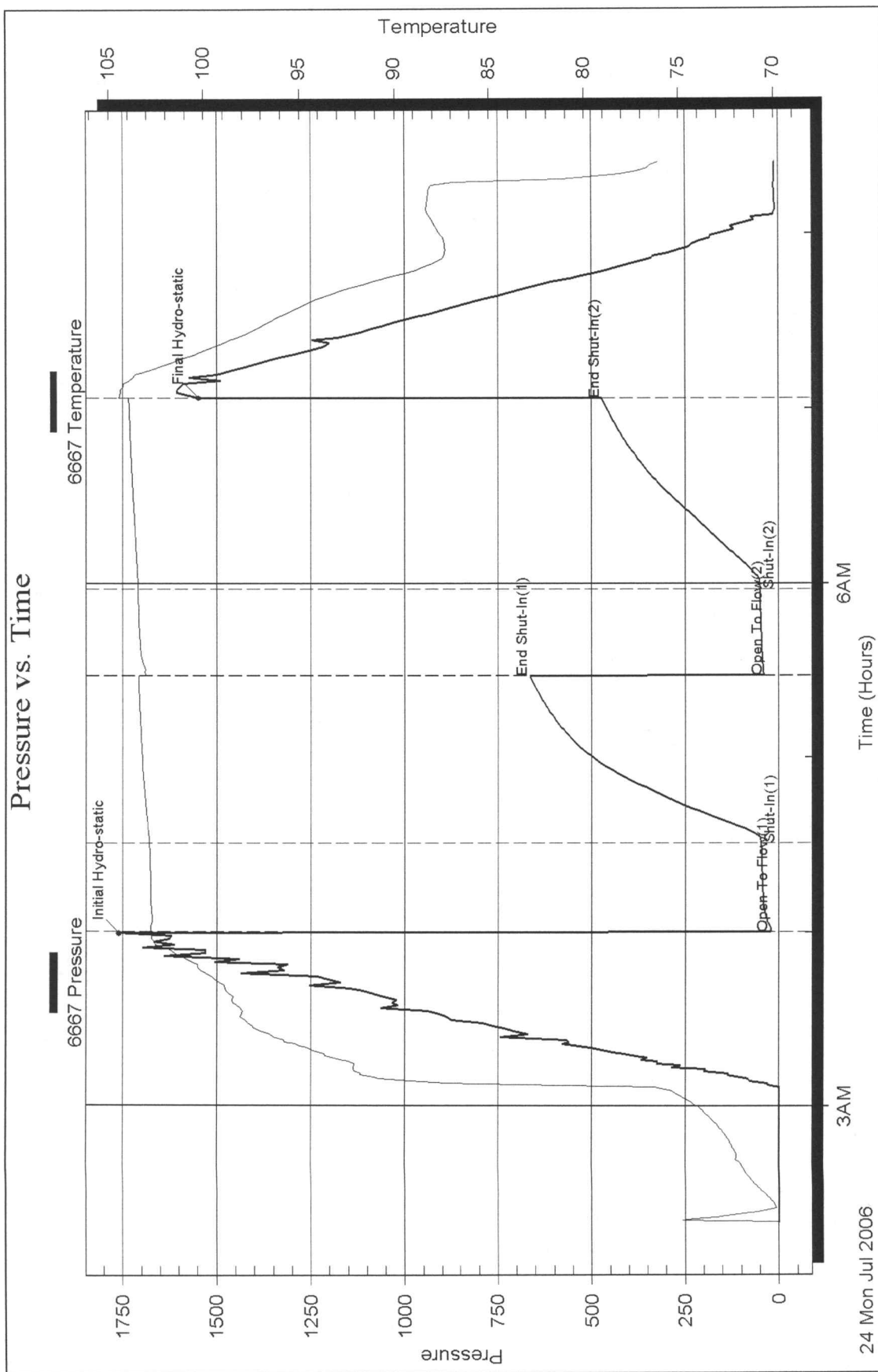
Inside

Murfin Drilling Co Inc

29 2 26 Decatur KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co In

29 2 26 Decatur KS

C&H Land #2-29

Start Date: 2006.07.24 @ 16:05:07

End Date: 2006.07.24 @ 21:30:46

Job Ticket #: 24687 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co InWichita KS 67202

C&H Land #2-29

29 2 26 Decatur KS

Job Ticket: 24687

DST#: 2

Test Start: 2006.07.24 @ 16:05:07

GENERAL INFORMATION:

Formation: **E-F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:54:02

Time Test Ended: 21:30:46

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 3

Interval: **3548.00 ft (KB) To 3580.00 ft (KB) (TVD)**

Total Depth: 3580.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2607.00 ft (KB)

2602.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 28.10 psig @ 3549.00 ft (KB)

Start Date: 2006.07.24

End Date: 2006.07.24

Start Time: 16:05:07

End Time: 21:19:46

Capacity: 7000.00 psig

Last Calib.: 2006.07.24

Time On Btm: 2006.07.24 @ 17:53:47

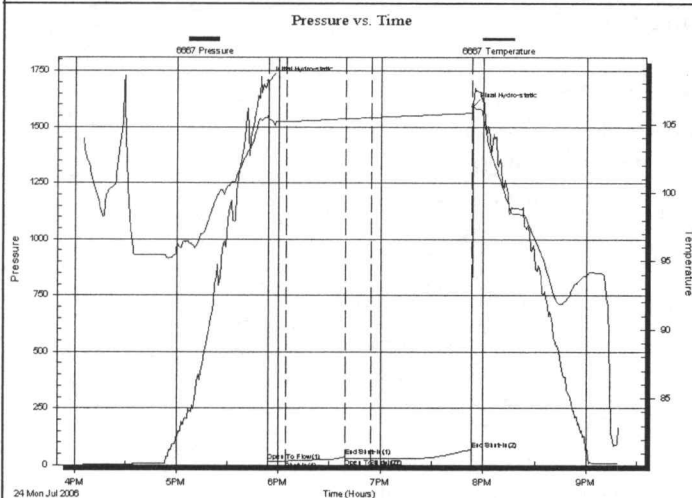
Time Off Btm: 2006.07.24 @ 19:53:32

TEST COMMENT: Bubble to open tool no blow flush tool good surge no blow

No return

No blow

No return



PRESSURE SUMMARY

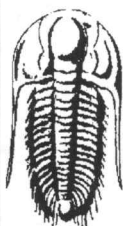
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.69	105.74	Initial Hydro-static
1	15.34	105.23	Open To Flow (1)
11	16.99	105.18	Shut-In(1)
46	36.25	105.41	End Shut-In(1)
46	27.75	105.40	Open To Flow (2)
61	28.10	105.48	Shut-In(2)
120	69.34	105.82	End Shut-In(2)
120	1592.74	106.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co InWichita KS 67202

C&H Land #2-29

29 2 26 Decatur KS

Job Ticket: 24687

DST#: 2

Test Start: 2006.07.24 @ 16:05:07

Tool Information

Drill Pipe:	Length: 3044.00 ft	Diameter: 3.80 inches	Volume: 42.70 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 489.00 ft	Diameter: 2.25 inches	Volume: 2.40 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 45.10 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	3548.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	54.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			3527.00	
Shut In Tool	5.00			3532.00	
Hydraulic tool	5.00			3537.00	
Safety Joint	2.00			3539.00	
Packer	5.00		Fluid	3544.00	22.00 Bottom Of Top Packer
Packer	4.00			3548.00	
Stubb	1.00			3549.00	
Recorder	0.00	6667	Inside	3549.00	
Perforations	26.00			3575.00	
Recorder	0.00	11058	Inside	3575.00	
Bullnose	5.00			3580.00	32.00 Bottom Packers & Anchor

Total Tool Length: 54.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

C&H Land #2-29

250 N Water Ste 300
Wichita KS 67202

29 2 26 Decatur KS

Job Ticket: 24687

DST#: 2

ATTN: Murfin Drilling Co InWichita KS 67202

Test Start: 2006.07.24 @ 16:05:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

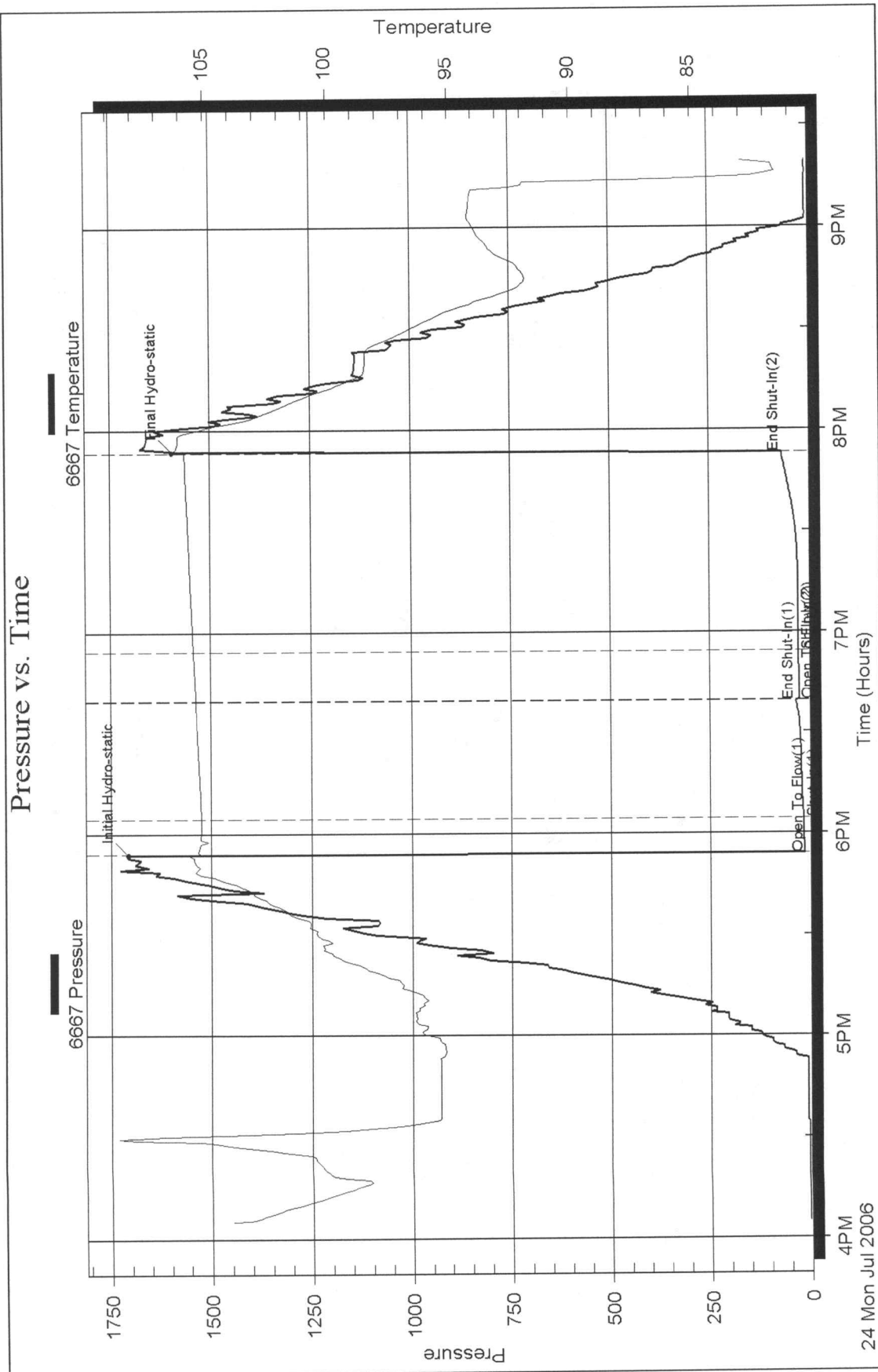
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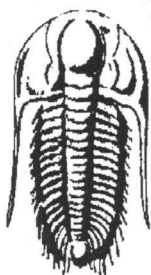
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co In

29 2 26 Decatur KS

C&H Land #2-29

Start Date: 2006.07.25 @ 07:20:09

End Date: 2006.07.25 @ 13:35:18

Job Ticket #: 24688

DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
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DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfin Drilling Co InWichita KS 67202

C&H Land #2-29

29 2 26 Decatur KS

Job Ticket: 24688

DST#: 3

Test Start: 2006.07.25 @ 07:20:09

GENERAL INFORMATION:

Formation: **H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:58:19

Time Test Ended: 13:35:18

Interval: **3580.00 ft (KB) To 3675.00 ft (KB) (TVD)**

Total Depth: 3675.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 3

Reference Elevations: 2607.00 ft (KB)

2602.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 41.75 psig @ 3581.00 ft (KB)

Start Date: 2006.07.25

End Date:

2006.07.25

Start Time: 07:20:09

End Time:

13:20:18

Capacity: 7000.00 psig

Last Calib.: 2006.07.25

Time On Btm: 2006.07.25 @ 08:58:04

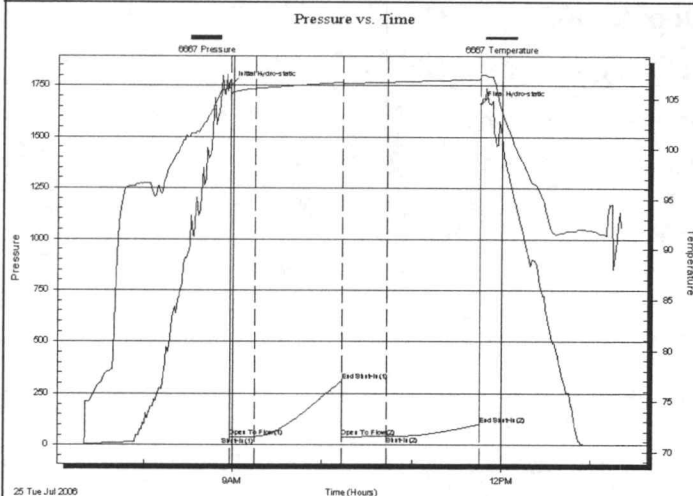
Time Off Btm: 2006.07.25 @ 11:45:33

TEST COMMENT: Weak blow died in 12 min

No return

No blow

No return



PRESSURE SUMMARY

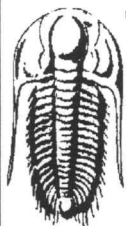
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1750.62	106.07	Initial Hydro-static
1	39.35	105.35	Open To Flow (1)
17	39.11	105.96	Shut-In(1)
75	308.78	106.60	End Shut-In(1)
76	39.70	106.50	Open To Flow (2)
105	41.75	106.63	Shut-In(2)
168	101.75	106.93	End Shut-In(2)
168	1657.91	107.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/Oil spots	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfine Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Murfine Drilling Co InWichita KS 67202

C&H Land #2-29

29 2 26 Decatur KS

Job Ticket: 24688

DST#: 3

Test Start: 2006.07.25 @ 07:20:09

Tool Information

Drill Pipe:	Length: 3076.00 ft	Diameter: 3.80 inches	Volume: 43.15 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 489.00 ft	Diameter: 2.25 inches	Volume: 2.40 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 45.55 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	3580.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	95.00 ft				
Tool Length:	117.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			3559.00	
Shut In Tool	5.00			3564.00	
Hydraulic tool	5.00			3569.00	
Safety Joint	2.00			3571.00	
Packer	5.00		Fluid	3576.00	22.00 Bottom Of Top Packer
Packer	4.00			3580.00	
Stubb	1.00			3581.00	
Recorder	0.00	6667	Inside	3581.00	
Perforations	25.00			3606.00	
Change Over Sub	1.00			3607.00	
Drill Pipe	62.00			3669.00	
Change Over Sub	1.00			3670.00	
Recorder	0.00	11058	Inside	3670.00	
Bullnose	5.00			3675.00	95.00 Bottom Packers & Anchor

Total Tool Length: 117.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

C&H Land #2-29

250 N Water Ste 300
Wichita KS 67202

29 2 26 Decatur KS

Job Ticket: 24688

DST#: 3

ATTN: Murfin Drilling Co InWichita KS 67202

Test Start: 2006.07.25 @ 07:20:09

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /Oil spots	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

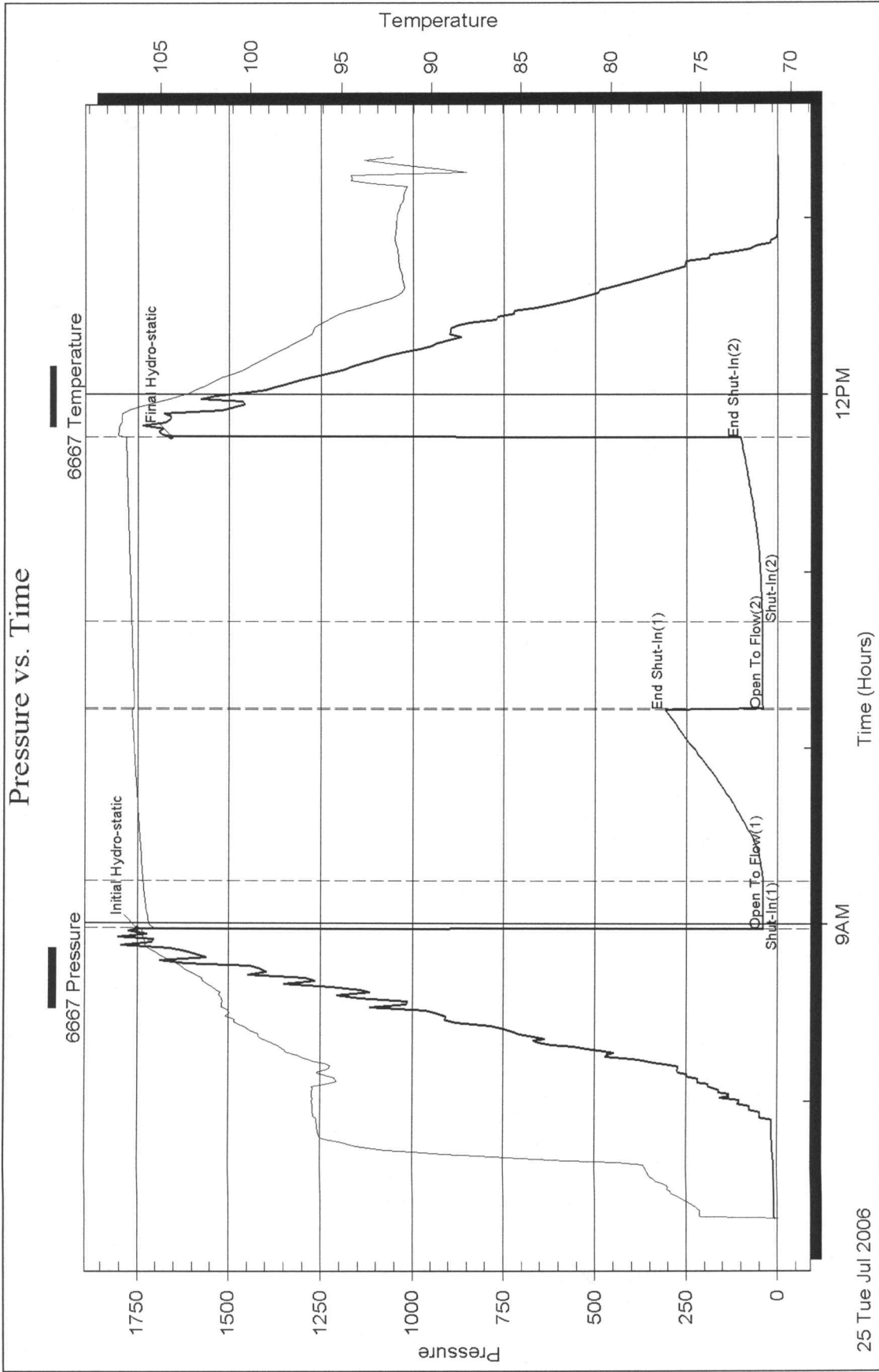
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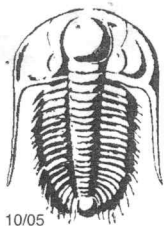
Inside

Murfin Drilling Co Inc

29 2 26 Decatur KS

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9039

No 24686

Test Ticket

Well Name & No. <u>C3H Land #2-29</u>	Test No. <u>#1</u>	Date <u>7-24-06</u>
Company <u>Martin Drilling Co Inc.</u>	Zone Tested <u>Tarrant-A-B</u>	
Address <u>200 N. Water St 300 Wichita, KS 67202</u>	Elevation <u>2407</u> KB <u>2402</u> GL	
Co. Rep / Geo. <u>Tony McLeod</u>	Rig <u>Martin #3</u>	
Location: Sec. <u>29</u> Twp. <u>2</u> Rge. <u>26</u> Co. <u>Decatur</u> State <u>KS</u>		
Comment: _____	Release date / time: _____	

Interval Tested <u>3450</u>	<u>3527</u>	Initial Str Wt./Lbs. <u>62000</u>	Unseated Str Wt/Lbs. <u>63000</u>
Anchor Length _____	<u>77</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>80,000</u>
Top Packer Depth _____	<u>3445</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth _____	<u>3450</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth _____	<u>3527</u>	Wt. Pipe Run _____	Drill Collar Run <u>489</u>
Mud Wt. <u>8.7</u> LCM <u>TI</u> Vis. <u>54</u> WL <u>7.2</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>2932</u>
Blow Description <u>4 1/2" blow built to 3 1/4" in.</u>			
<u>No return</u>			
<u>Surface blow in 5 min, Died in 12 min.</u>			
<u>No return</u>			

Recovery - Total Feet <u>20'</u>	GIP _____	Ft. in DC <u>20'</u>	Ft. in DP _____
Rec. <u>20'</u>	Feet of <u>OCM</u>	%gas <u>20</u>	%oil _____ %water <u>80</u> %mud _____
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 _____
BHT <u>104°</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>800</u> ppm System _____

(A) Initial Hydrostatic Mud	<u>1663</u> PSI	Recorder No. <u>66667</u>	Test x <u>1000</u> °
(B) First Initial Flow Pressure	<u>22</u> PSI	(depth) <u>3451</u>	Jars _____
(C) First Final Flow Pressure	<u>45</u> PSI	Recorder No. <u>11058</u>	Safety Jt. x <u>75</u>
(D) Initial Shut-In Pressure	<u>665</u> PSI	(depth) <u>3522</u>	Circ Sub x <u>n/c</u>
(E) Second Initial Flow Pressure	<u>37</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>48</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>472</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1573</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____

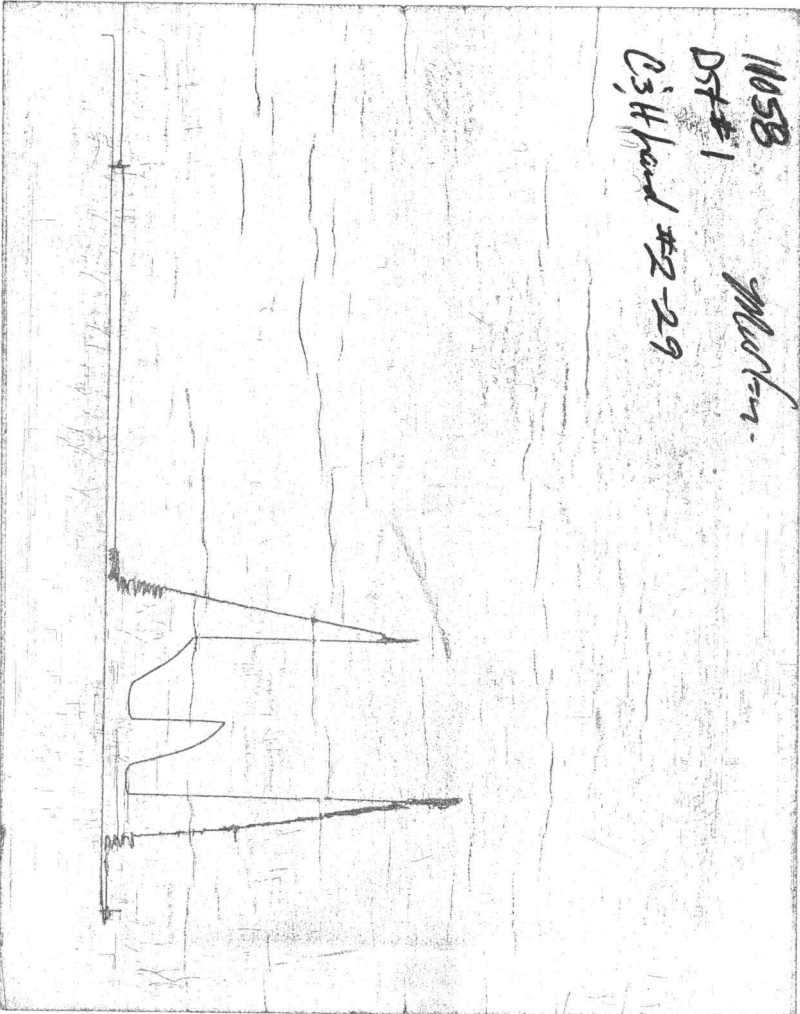
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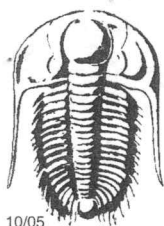
Approved By Tony McLeod
Our Representative Tony McLeod

Final Flow	<u>30</u>	Ruined Packer _____
Final Shut-In	<u>60</u>	Mileage <u>x254</u> <u>317.50</u>
T-On Location	<u>01:00 A.M.</u>	Sub Total: <u>1392.50</u>
T-Started	<u>02:20 A.M.</u>	Std. By _____
T-Open	<u>03:55 A.M.</u>	Acc. Chg: _____
T-Pulled	<u>06:55 A.M.</u>	Other: _____
T-Out	<u>08:40 A.M.</u>	Total: <u>\$1392.50</u>

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24687

Test Ticket

Well Name & No. C3 H hand #2-29 Test No. #2 Date 8-24-06
 Company Murkin Drilling Co Inc. Zone Tested E-F-G
 Address 20 N. Water St. 300 Wichita, KS 67202 Elevation 2607 KB 2602 GL
 Co. Rep / Geo. Terry McLeod Rig Murkin #3
 Location: Sec. 29 Twp. 2 Rge. 26 Co. Drum State KS
 Comment: _____ Release date / time: _____

Interval Tested 3548 3580 Initial Str Wt./Lbs. 65000 Unseated Str Wt/Lbs. 65000
 Anchor Length _____ 32 Wt. Set Lbs. 30000 Wt. Pulled Loose/Lbs. 80000
 Top Packer Depth _____ 3543 Tool Weight 1500
 Bottom Packer Depth _____ 3548 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 3580 Wt. Pipe Run _____ Drill Collar Run 489'
 Mud Wt. 90 LCM TI Vis. 49 WL 6.4 Drill Pipe Size 4 1/2 XH Ft. Run 3044
 Blow Description Bubble to open tool, No blow, Flush tool, Card Surge, No blow
No return
No blow
No return

Recovery - Total Feet 2' GIP _____ Ft. in DC 2' Ft. in DP _____
 Rec. 2' Feet of mud %gas _____ %oil _____ %water 100 %mud
 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
 BHT 106° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 800 ppm System

AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>1705</u>	PSI	Recorder No.	<u>6667</u>	Test r <u>1000°</u>
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth)	<u>3549</u>	Jars _____
(C) First Final Flow Pressure	<u>16</u>	PSI	Recorder No.	<u>11058</u>	Safety Jt. <u>75°</u>
(D) Initial Shut-In Pressure	<u>36</u>	PSI	(depth)	<u>3575</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure	<u>27</u>	PSI	Recorder No.		Sampler _____
(F) Second Final Flow Pressure	<u>28</u>	PSI	(depth)		Straddle _____
(G) Final Shut-In Pressure	<u>69</u>	PSI	Initial Opening	<u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1601</u>	PSI	Initial Shut-In	<u>30</u>	Shale Packer _____

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.

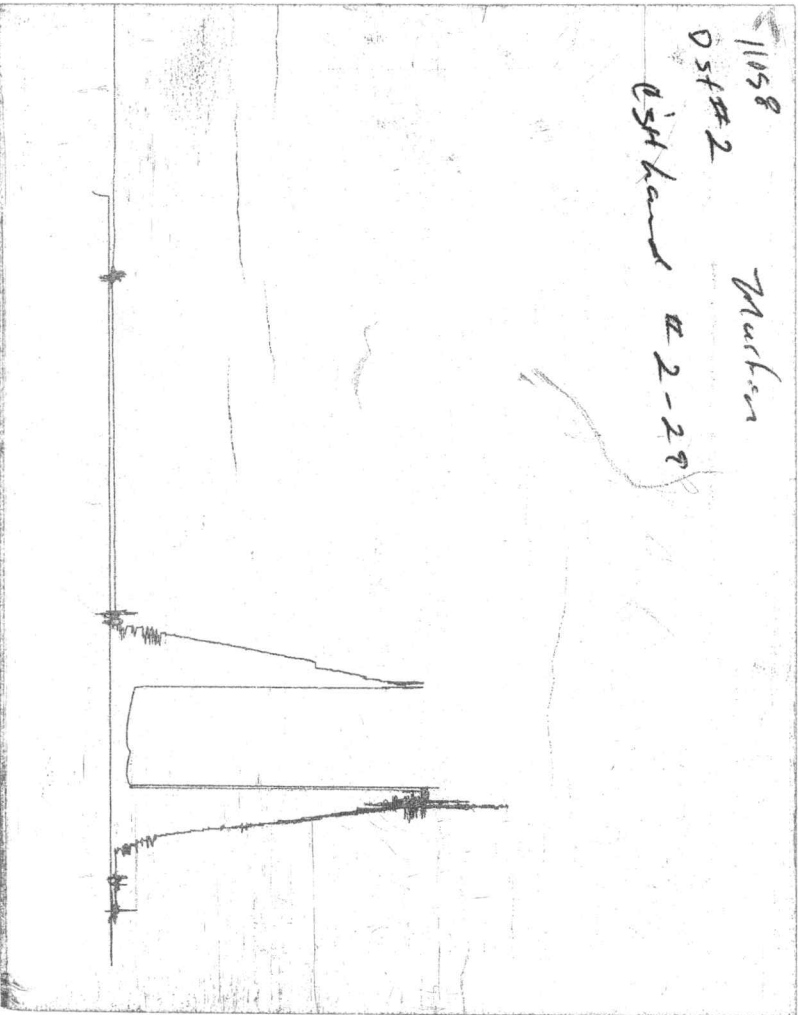
Approved By _____

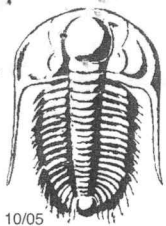
Our Representative _____

Final Flow 15
 Final Shut-In 60
 T-On Location 15:30 p.m.
 T-Started 16:05 p.m.
 T-Open 17:52 p.m.
 T-Pulled 19:52 p.m.
 T-Out 21:30 p.m.
 Mileage 36rt 45°
 Sub Total: \$1120°
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1120°

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24688

Test Ticket

Well Name & No. C3H hand #2-29 Test No. #3 Date 7-25-06
 Company Murkin Drilling Co Inc. Zone Tested H-K
 Address 20 N. Water St. 300 Wichita Ks 67202 Elevation 2602 KB 2602 GL
 Co. Rep / Geo. Terry McLeod Rig Murkin #3
 Location: Sec. 29 Twp. 2 Rge. 26 Co. Decatur State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3580 3675 Initial Str Wt./Lbs. 65000 Unseated Str Wt./Lbs. 65000
 Anchor Length _____ 75 Wt. Set Lbs. 30000 Wt. Pulled Loose/Lbs. 85000
 Top Packer Depth _____ 3575 Tool Weight 1500
 Bottom Packer Depth _____ 3580 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 3675 Wt. Pipe Run _____ Drill Collar Run 489'
 Mud Wt. 9.1 LCM Ti Vis. 50 WL 6.0 Drill Pipe Size 4 1/2 XH Ft. Run 3076

Blow Description Weak blow died on 12 min
No return
No blow
No return

Recovery - Total Feet 5' GIP _____ Ft. in DC 5' Ft. in DP _____
 Rec. 5' Feet of mud w/ 1 spots %gas 50% %oil _____ %water 100% %mud _____
 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 _____
 BHT 107 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 800 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1763 PSI	Recorder No.	6667	Test x	1000 ⁰⁰
(B) First Initial Flow Pressure			39 PSI	(depth)	3581	Jars	
(C) First Final Flow Pressure			39 PSI	Recorder No.	11058	Safety Jt. x	75 ⁰⁰
(D) Initial Shut-In Pressure			308 PSI	(depth)	3670	Circ Sub x w/k	
(E) Second Initial Flow Pressure			39 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			41 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			101 PSI	Initial Opening	15	Ext. Packer	
(Q) Final Hydrostatic Mud			1682 PSI	Initial Shut-In	60	Shale Packer	
				Final Flow	30	Ruined Packer	
				Final Shut-In	60	Mileage x 34 RT	45 ⁰⁰
				T-On Location	06:30 a.m.	Sub Total:	\$1120 ⁰⁰
				T-Started	07:20 a.m.	Std. By	
				T-Open	08:55 a.m.	Acc. Chg:	
				T-Pulled	11:40 a.m.	Other:	
				T-Out	13:35 p.m.	Total:	\$1120 ⁰⁰

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Approved By Log L. McLeod
 Our Representative [Signature]

CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.

