



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

27 10S 20W Rooks

Romine #2-27

Start Date: 2006.06.22 @ 11:29:13

End Date: 2006.06.22 @ 17:38:12

Job Ticket #: 25341 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: Scott Robinson

Romine #2-27

27 10S 20W Rooks

Job Ticket: 25341

DST#: 1

Test Start: 2006.06.22 @ 11:29:13

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:17:12

Time Test Ended: 17:38:12

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3164.00 ft (KB) To 3180.00 ft (KB) (TVD)**

Total Depth: 3180.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

2116.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 22.63 psig @ 3165.01 ft (KB)

Start Date: 2006.06.22

End Date:

2006.06.22

Capacity: 7000.00 psig

Last Calib.: 2006.06.22

Start Time: 11:29:13

End Time:

17:38:12

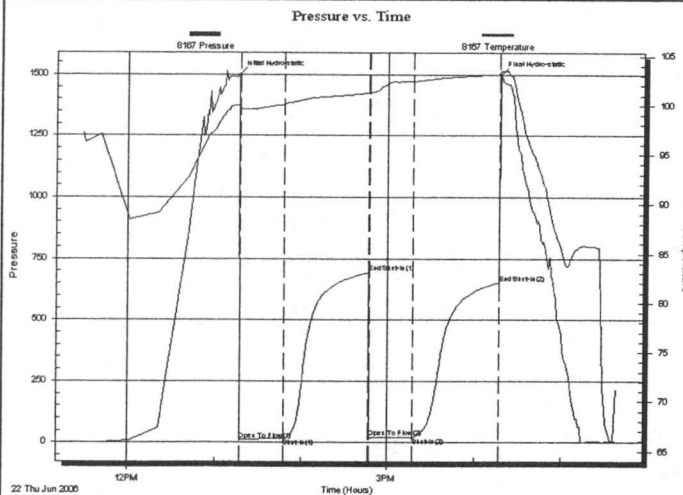
Time On Btm: 2006.06.22 @ 13:16:42

Time Off Btm: 2006.06.22 @ 16:17:42

TEST COMMENT: IFP Surface bl died in 5 min

FFP No bl

Times 30 60 30 60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1498.43	100.01	Initial Hydro-static
1	11.24	99.67	Open To Flow (1)
31	17.55	100.12	Shut-In(1)
90	692.29	101.24	End Shut-In(1)
91	19.63	101.14	Open To Flow (2)
121	22.63	102.44	Shut-In(2)
180	652.02	103.15	End Shut-In(2)
181	1499.10	103.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 7%O 93%M	0.10

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

ATTN: Scott Robinson

Job Ticket: 25341

DST#: 1

Test Start: 2006.06.22 @ 11:29:13

Tool Information

Drill Pipe:	Length: 3023.00 ft	Diameter: 3.80 inches	Volume: 42.40 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3164.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.02 ft			
Tool Length:	39.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3142.00	
Shut In Tool	5.00			3147.00	
Hydraulic tool	5.00			3152.00	
Safety Joint	2.00			3154.00	
Packer	5.00			3159.00	23.00 Bottom Of Top Packer
Packer	5.00			3164.00	
Stubb	1.00			3165.00	
Recorder	0.01	8167	Inside	3165.01	
Perforations	12.00			3177.01	
Recorder	0.01	13534	Outside	3177.02	
Bullnose	3.00			3180.02	16.02 Bottom Packers & Anchor

Total Tool Length: 39.02



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25341

DST#: 1

ATTN: Scott Robinson

Test Start: 2006.06.22 @ 11:29:13

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.08 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 7%O 93%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:

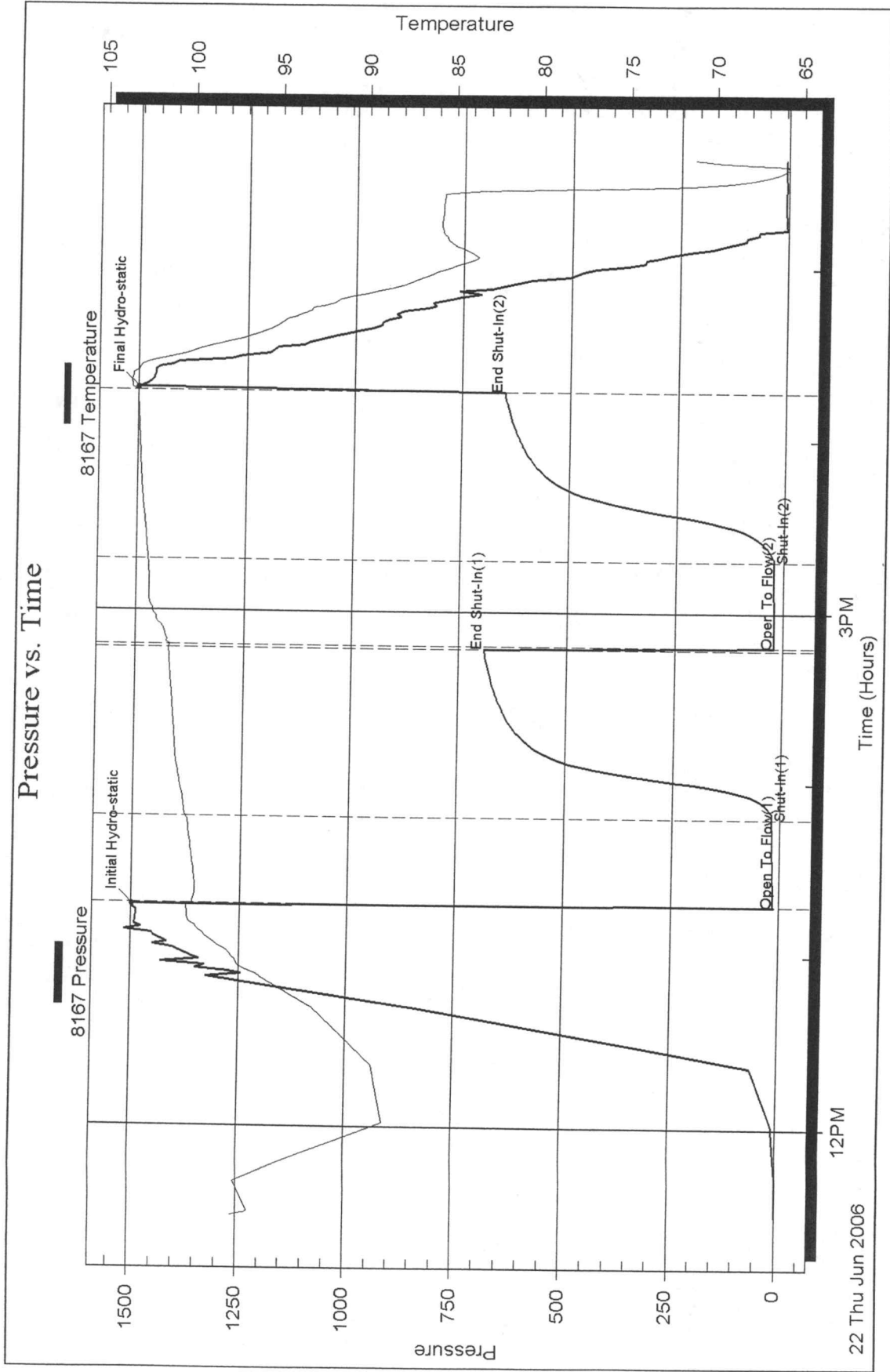
Serial #: 8167

Inside

Murfin Drilling Co Inc

27 10S 20W Rooks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**
250 N Water Ste 300
Wichita KS 67202

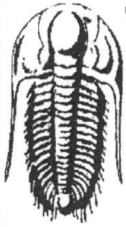
ATTN: Scott Robinson

27 10S 20W Rooks

Romine #2-27

Start Date: 2006.06.23 @ 09:36:50
End Date: 2006.06.23 @ 15:56:49
Job Ticket #: 25342 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

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25342

DST#: 2

ATTN: Scott Robinson

Test Start: 2006.06.23 @ 09:36:50

GENERAL INFORMATION:

Formation: **LKC A-D**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 11:18:49

Time Test Ended: 15:56:49

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3395.00 ft (KB) To 3450.00 ft (KB) (TVD)**

Total Depth: 3450.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

2116.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 96.85 psig @ 3398.01 ft (KB)

Start Date: 2006.06.23

End Date:

2006.06.23

Capacity: 7000.00 psig

Last Calib.: 2006.06.23

Start Time: 09:36:50

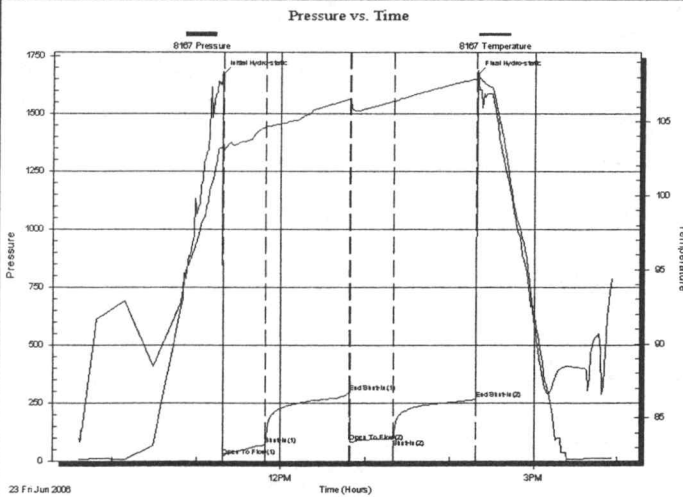
End Time:

15:56:49

Time On Btm: 2006.06.23 @ 11:18:19

Time Off Btm: 2006.06.23 @ 14:19:19

TEST COMMENT: IFP Wk bl thru-out 1/4 " to 1 3/4 " bl
FFP No bl 1st 8 min then surface bl thru-out
Times 30 60 30 60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.02	103.52	Initial Hydro-static
1	20.29	102.93	Open To Flow (1)
31	70.52	104.57	Shut-In(1)
91	293.49	106.55	End Shut-In(1)
91	81.00	106.42	Open To Flow (2)
122	96.85	106.35	Shut-In(2)
181	267.73	107.88	End Shut-In(2)
181	1671.97	108.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCWM 10%O 30%W 60%M	0.10
120.00	SOCMW 3%O 77%W 20%M	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25342

DST#: 2

ATTN: Scott Robinson

Test Start: 2006.06.23 @ 09:36:50

Tool Information

Drill Pipe:	Length: 3239.00 ft	Diameter: 3.80 inches	Volume: 45.43 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	46.17 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3395.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.02 ft			
Tool Length:	78.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3373.00	
Shut In Tool	5.00			3378.00	
Hydraulic tool	5.00			3383.00	
Safety Joint	2.00			3385.00	
Packer	5.00			3390.00	23.00 Bottom Of Top Packer
Packer	5.00			3395.00	
Stubb	1.00			3396.00	
Perforations	2.00			3398.00	
Recorder	0.01	8167	Inside	3398.01	
Blank Spacing	32.00			3430.01	
Recorder	0.01	13534	Outside	3430.02	
Perforations	17.00			3447.02	
Bullnose	3.00			3450.02	55.02 Bottom Packers & Anchor

Total Tool Length: 78.02



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

27 10S 20W Rooks

Romine #2-27

Start Date: 2006.06.23 @ 21:39:24

End Date: 2006.06.24 @ 05:14:53

Job Ticket #: 25343 DST #: 3

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



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DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

Romine #2-27

27 10S 20W Rooks

Job Ticket: 25343

DST#: 3

Test Start: 2006.06.23 @ 21:39:24

GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:23:53

Time Test Ended: 05:14:53

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3451.00 ft (KB) To 3474.00 ft (KB) (TVD)**

Total Depth: 3474.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

2116.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 92.36 psig @ 3452.01 ft (KB)

Start Date: 2006.06.23

End Date:

2006.06.24

Start Time: 21:39:24

End Time:

05:14:53

Capacity: 7000.00 psig

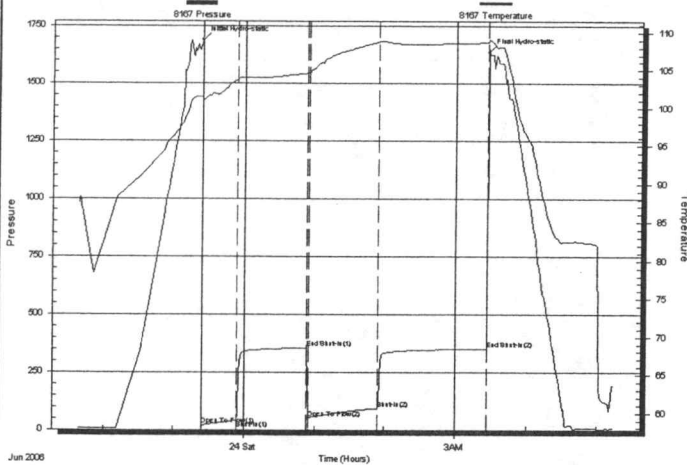
Last Calib.: 2006.06.24

Time On Btm: 2006.06.23 @ 23:23:23

Time Off Btm: 2006.06.24 @ 03:26:53

TEST COMMENT: IFP Wk bl thru-out 1/4 " to 1 " bl
FFP Wk bl thru-out surface to 1/4 " bl
Times 30 60 60 90
No bl on shut-in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1688.58	101.55	Initial Hydro-static
1	19.47	101.11	Open To Flow (1)
31	42.62	103.87	Shut-In(1)
90	354.51	104.63	End Shut-In(1)
91	50.98	104.57	Open To Flow (2)
151	92.36	108.79	Shut-In(2)
243	351.64	108.71	End Shut-In(2)
244	1636.61	109.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	CO	0.01
80.00	MW 20%M 80%W	0.39
60.00	Water	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25343

DST#: 3

ATTN: Scott Robinson

Test Start: 2006.06.23 @ 21:39:24

Tool Information

Drill Pipe:	Length: 3302.00 ft	Diameter: 3.80 inches	Volume: 46.32 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 47.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3451.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.02 ft			
Tool Length:	46.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	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			3446.00	23.00 Bottom Of Top Packer
Packer	5.00			3451.00	
Stubb	1.00			3452.00	
Recorder	0.01	8167	Inside	3452.01	
Perforations	19.00			3471.01	
Recorder	0.01	13534	Outside	3471.02	
Bullnose	3.00			3474.02	23.02 Bottom Packers & Anchor

Total Tool Length: 46.02



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25343

DST#: 3

ATTN: Scott Robinson

Test Start: 2006.06.23 @ 21:39:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.09 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	CO	0.010
80.00	MW 20%M 80%W	0.393
60.00	Water	0.295

Total Length: 142.00 ft Total Volume: 0.698 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15 @ 85F



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

27 10S 20W Rooks

Romine #2-27

Start Date: 2006.06.24 @ 15:09:04

End Date: 2006.06.24 @ 21:32:03

Job Ticket #: 25344 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Co Inc

Romine #2-27

27 10S 20W Rooks

DST # 4

LKC H-L

2006.06.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

Romine #2-27

27 10S 20W Rooks

Job Ticket: 25344

DST#: 4

Test Start: 2006.06.24 @ 15:09:04

GENERAL INFORMATION:

Formation: **LKC H-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:56:33

Time Test Ended: 21:32:03

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3496.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Total Depth: 3600.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

2116.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167 Inside

Press@RunDepth: 43.40 psig @ 3497.01 ft (KB)

Start Date: 2006.06.24

End Date: 2006.06.24

Start Time: 15:09:04

End Time: 21:32:03

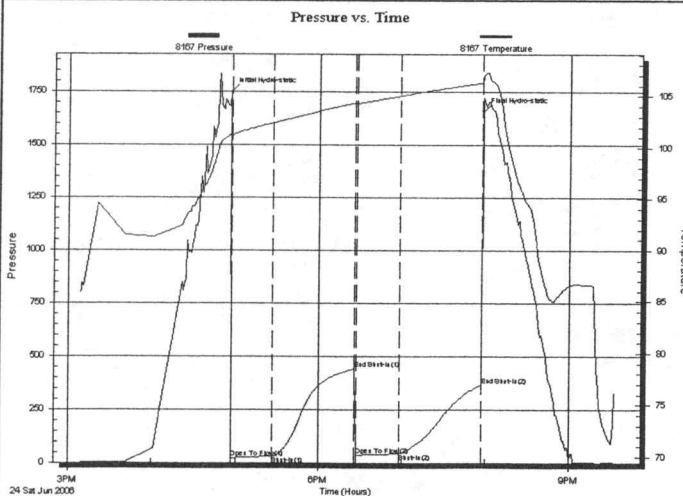
Capacity: 7000.00 psig

Last Calib.: 2006.06.24

Time On Btm: 2006.06.24 @ 16:56:03

Time Off Btm: 2006.06.24 @ 19:57:33

TEST COMMENT: IFP Wk bl thru-out 1/8 " bl
FFP No bl 1st 10 min then surface bl thru-out
Times 30 60 30 60
No bl on shut-in



PRESSURE SUMMARY

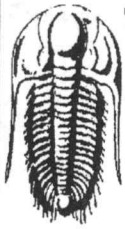
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1747.52	101.49	Initial Hydro-static
1	21.85	101.15	Open To Flow (1)
31	30.75	102.41	Shut-In(1)
90	440.50	104.34	End Shut-In(1)
91	36.42	104.29	Open To Flow (2)
122	43.40	105.01	Shut-In(2)
181	363.46	106.30	End Shut-In(2)
182	1658.86	106.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	CO	0.02
10.00	O&GCM 4%G 6%O 90%M	0.05
0.00	45' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25344

DST#: 4

ATTN: Scott Robinson

Test Start: 2006.06.24 @ 15:09:04

Tool Information

Drill Pipe:	Length: 3332.00 ft	Diameter: 3.80 inches	Volume: 46.74 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	47.48 bbl	Tool Chased: 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3496.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.02 ft			
Tool Length:	127.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3474.00	
Shut In Tool	5.00			3479.00	
Hydraulic tool	5.00			3484.00	
Safety Joint	2.00			3486.00	
Packer	5.00			3491.00	23.00 Bottom Of Top Packer
Packer	5.00			3496.00	
Stubb	1.00			3497.00	
Recorder	0.01	8167	Inside	3497.01	
Perforations	7.00			3504.01	
Blank Spacing	93.00			3597.01	
Recorder	0.01	13534	Outside	3597.02	
Bullnose	3.00			3600.02	104.02 Bottom Packers & Anchor

Total Tool Length: 127.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25344

DST#: 4

ATTN: Scott Robinson

Test Start: 2006.06.24 @ 15:09:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.73 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	CO	0.025
10.00	O&GCM 4%G 6%O 90%M	0.049
0.00	45' GIP	0.000

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

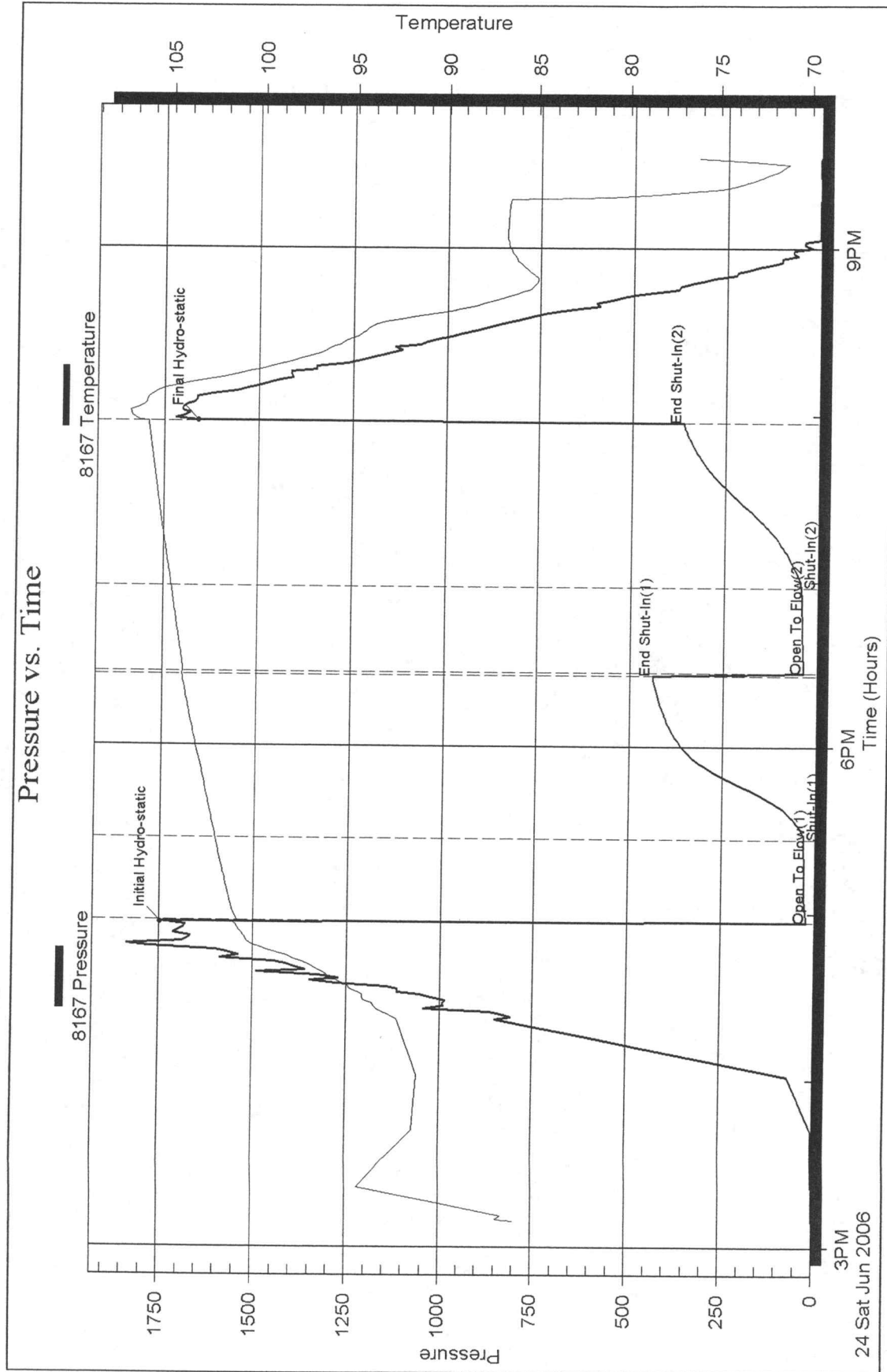
Serial #: 8167

Inside

Murfin Drilling Co Inc

27 10S 20W Rocks

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

27 10S 20W Rooks

Romine #2-27

Start Date: 2006.06.25 @ 10:30:34

End Date: 2006.06.25 @ 16:48:03

Job Ticket #: 25345 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Co Inc

Romine #2-27

27 10S 20W Rooks

DST # 5

Arbuckle

2006.06.25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

Romine #2-27

27 10S 20W Rooks

Job Ticket: 25345

DST#: 5

Test Start: 2006.06.25 @ 10:30:34

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:29:33

Time Test Ended: 16:48:03

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3599.00 ft (KB) To 3690.00 ft (KB) (TVD)**

Total Depth: 3690.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

2116.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167 Inside

Press@RunDepth: 27.44 psig @ 3600.01 ft (KB)

Start Date: 2006.06.25

End Date:

2006.06.25

Start Time: 10:30:34

End Time:

16:48:03

Capacity: 7000.00 psig

Last Calib.: 2006.06.25

Time On Btm: 2006.06.25 @ 12:29:03

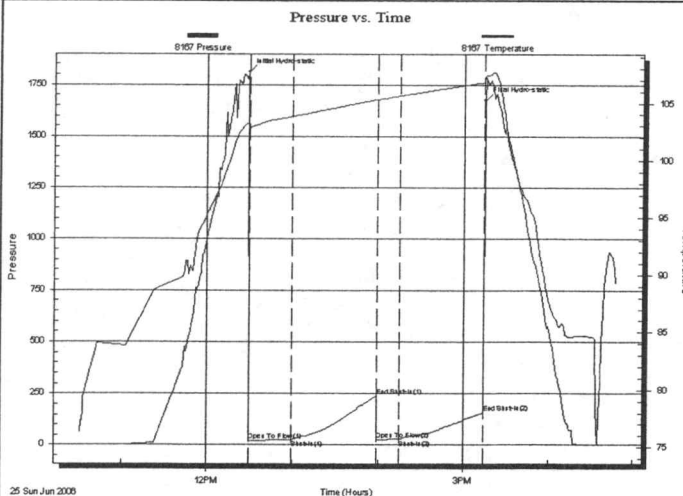
Time Off Btm: 2006.06.25 @ 15:14:33

TEST COMMENT: IFP Surface bl died in 8 min

FFP No bl

Times 30 60 15 60

No bl on shut-in



PRESSURE SUMMARY

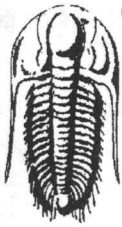
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.77	103.29	Initial Hydro-static
1	20.77	102.88	Open To Flow (1)
31	25.21	103.85	Shut-In(1)
90	235.52	105.32	End Shut-In(1)
90	26.41	105.29	Open To Flow (2)
106	27.44	105.64	Shut-In(2)
165	157.12	106.80	End Shut-In(2)
166	1673.79	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 1%O 99%M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

ATTN: Scott Robinson

Job Ticket: 25345

DST#: 5

Test Start: 2006.06.25 @ 10:30:34

Tool Information

Drill Pipe:	Length: 3454.00 ft	Diameter: 3.80 inches	Volume: 48.45 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume:	49.19 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3599.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	91.02 ft			
Tool Length:	114.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3577.00	
Shut In Tool	5.00			3582.00	
Hydraulic tool	5.00			3587.00	
Safety Joint	2.00			3589.00	
Packer	5.00			3594.00	23.00 Bottom Of Top Packer
Packer	5.00			3599.00	
Stubb	1.00			3600.00	
Recorder	0.01	8167	Inside	3600.01	
Perforations	3.00			3603.01	
Blank Spacing	64.00			3667.01	
Perforations	20.00			3687.01	
Recorder	0.01	13534	Outside	3687.02	
Bullnose	3.00			3690.02	91.02 Bottom Packers & Anchor

Total Tool Length: 114.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25345

DST#: 5

ATTN: Scott Robinson

Test Start: 2006.06.25 @ 10:30:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.07 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	SOCM 1%O 99%M	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbf

Num Fluid Samples: 0

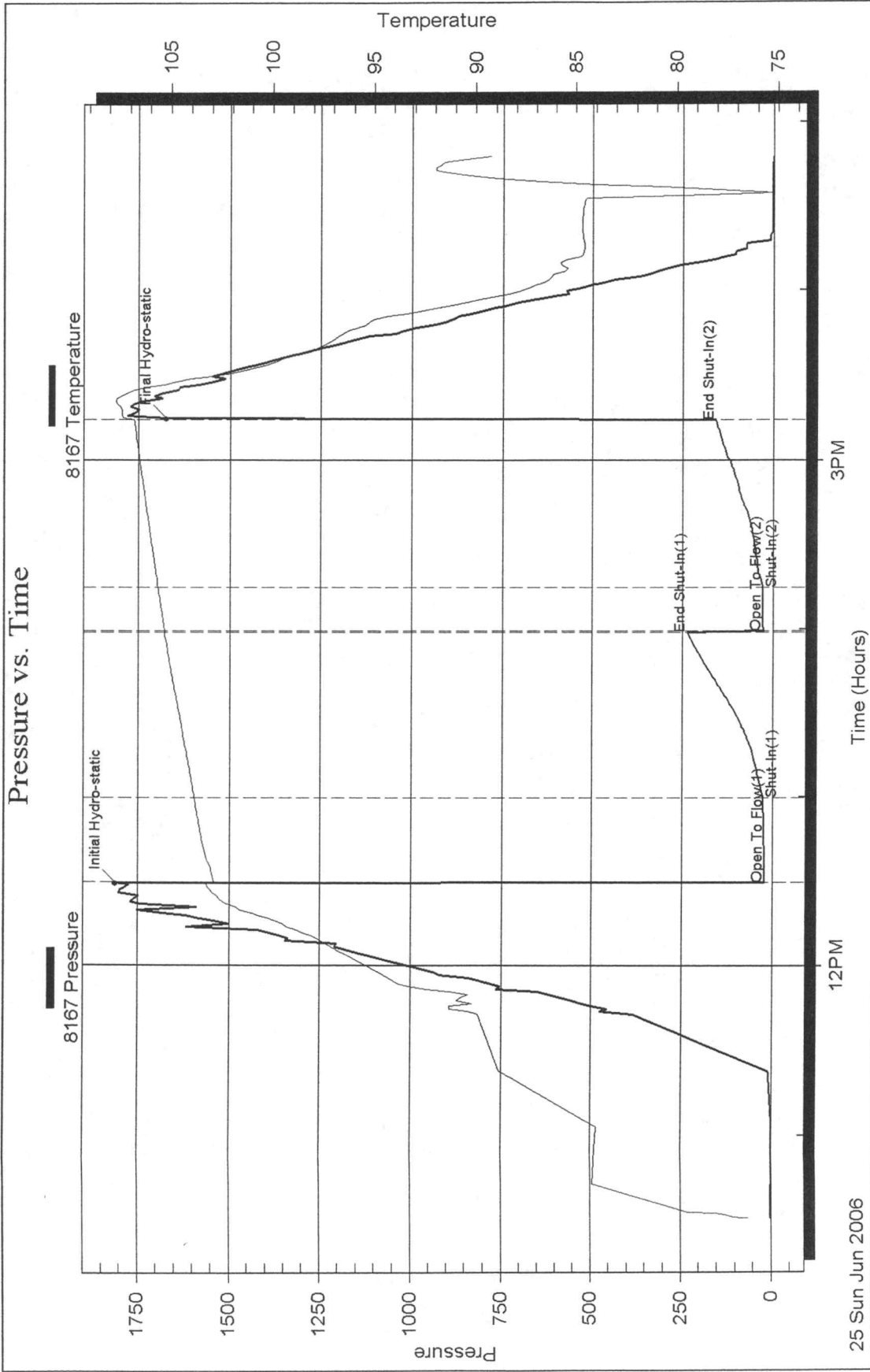
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

27 10S 20W Rooks

Romine #2-27

Start Date: 2006.06.26 @ 00:12:38

End Date: 2006.06.26 @ 07:56:07

Job Ticket #: 25346 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Co Inc

Romine #2-27

27 10S 20W Rooks

DST # 6

Arbuckle

2006.06.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

Romine #2-27

27 10S 20W Rooks

Job Ticket: 25346

DST#: 6

Test Start: 2006.06.26 @ 00:12:38

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:09:37

Time Test Ended: 07:56:07

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3691.00 ft (KB) To 3705.00 ft (KB) (TVD)**

Total Depth: 3705.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

2116.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167 Inside

Press@RunDepth: 44.60 psig @ 3692.01 ft (KB)

Start Date: 2006.06.26 End Date: 2006.06.26

Start Time: 00:12:38 End Time: 07:56:07

Capacity: 7000.00 psig

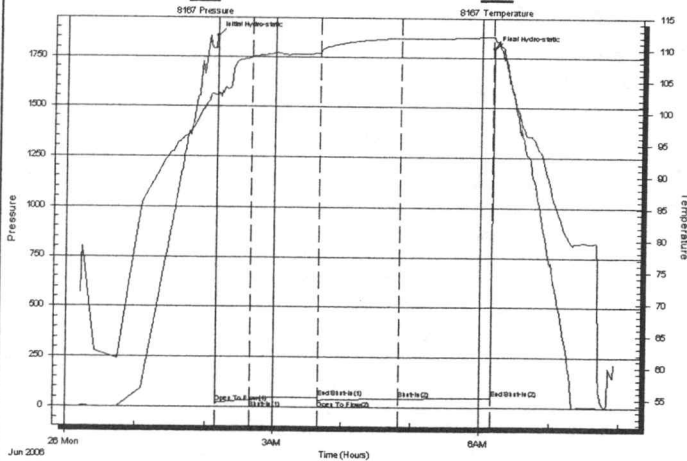
Last Calib.: 2006.06.26

Time On Btm: 2006.06.26 @ 02:09:07

Time Off Btm: 2006.06.26 @ 06:10:37

TEST COMMENT: IFF Wk bl thru-out 1/4 " to 3 " bl
FFP Surface bl thru-out
Times 30 60 60 90
ISIP Surface bl bk

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1855.59	102.74	Initial Hydro-static
1	18.89	102.27	Open To Flow (1)
31	36.35	108.76	Shut-In(1)
90	50.21	109.37	End Shut-In(1)
91	35.44	109.57	Open To Flow (2)
161	44.60	111.79	Shut-In(2)
241	48.20	112.13	End Shut-In(2)
242	1794.63	112.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCWM 4%O 26%W 70%M	0.30
0.00	60' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25346

DST#: 6

ATTN: Scott Robinson

Test Start: 2006.06.26 @ 00:12:38

Tool Information

Drill Pipe:	Length: 3486.00 ft	Diameter: 3.80 inches	Volume: 48.90 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 49.93 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3691.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.02 ft			
Tool Length:	37.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3669.00	
Shut In Tool	5.00			3674.00	
Hydraulic tool	5.00			3679.00	
Safety Joint	2.00			3681.00	
Packer	5.00			3686.00	23.00 Bottom Of Top Packer
Packer	5.00			3691.00	
Stubb	1.00			3692.00	
Recorder	0.01	8167	Inside	3692.01	
Perforations	10.00			3702.01	
Recorder	0.01	13534	Outside	3702.02	
Bullnose	3.00			3705.02	14.02 Bottom Packers & Anchor

Total Tool Length: 37.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25346

DST#: 6

ATTN: Scott Robinson

Test Start: 2006.06.26 @ 00:12:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

18000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCWM 4%O 26%W 70%M	0.295
0.00	60' GIP	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

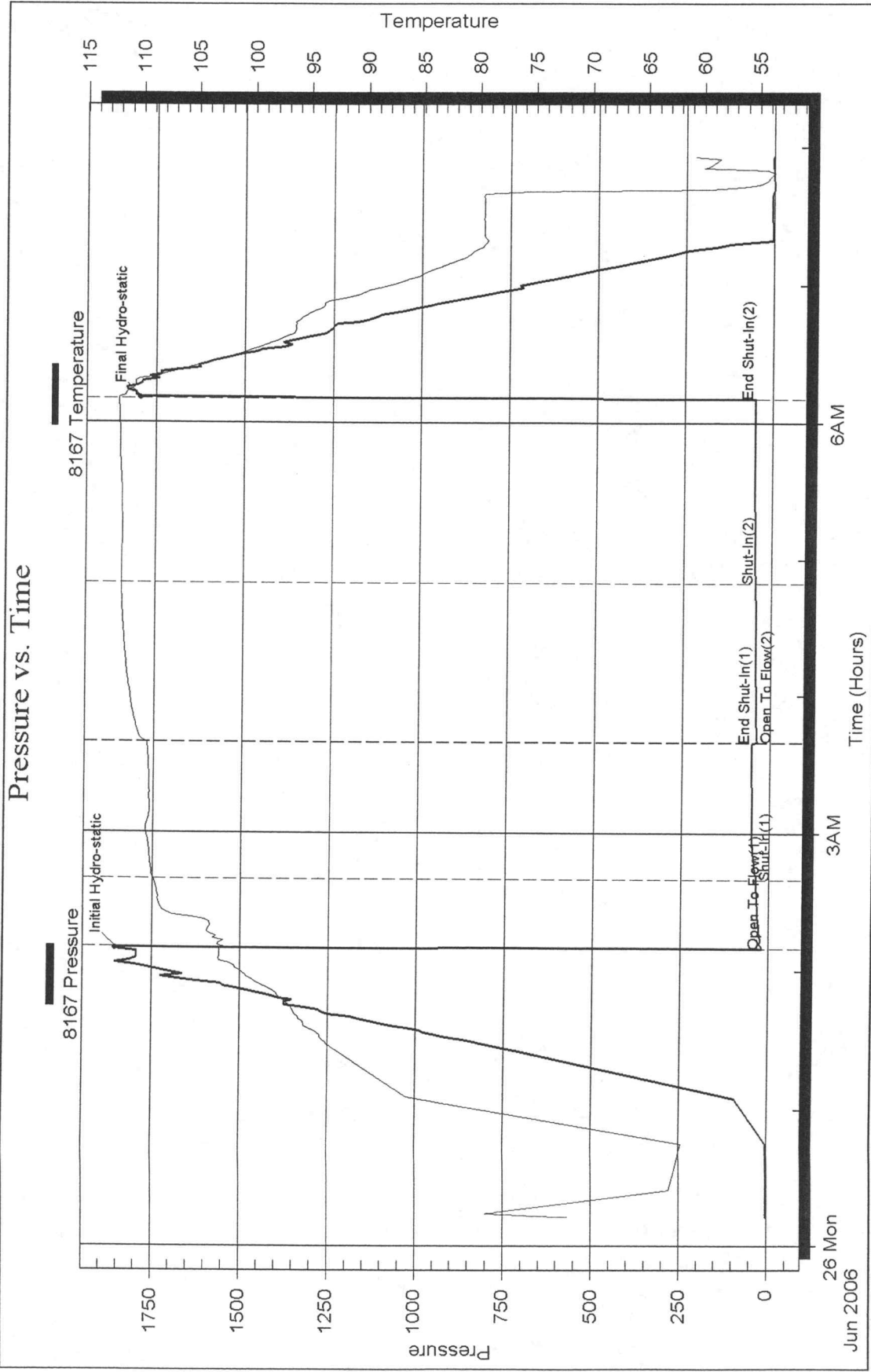
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .41@ 63F
2#LCM

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Scott Robinson

27 10S 20W Rooks

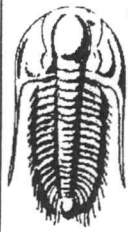
Romine #2-27

Start Date: 2006.06.26 @ 15:28:23

End Date: 2006.06.26 @ 23:42:22

Job Ticket #: 25347 DST #: 7

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: Scott Robinson

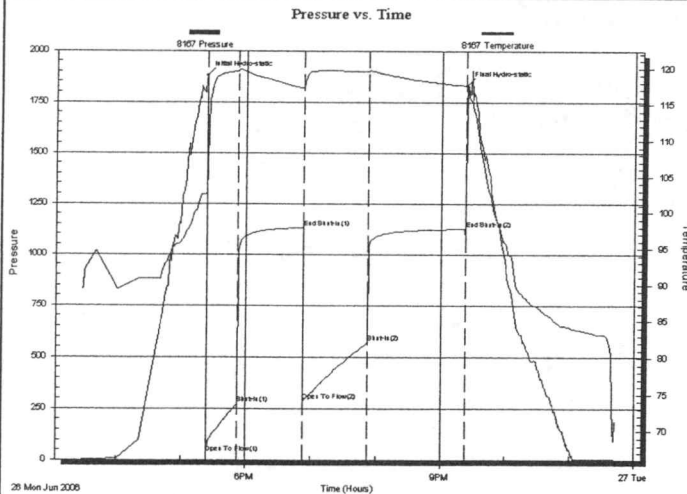
Romine #2-27
27 10S 20W Rooks
 Job Ticket: 25347 **DST#: 7**
 Test Start: 2006.06.26 @ 15:28:23

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 17:23:22
 Time Test Ended: 23:42:22
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 28
 Interval: **3705.00 ft (KB) To 3715.00 ft (KB) (TVD)**
 Total Depth: 3715.00 ft (KB) (TVD)
 Reference Elevations: 2121.00 ft (KB)
 2116.00 ft (CF)
 Hole Diameter: 6.75 inches Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8167 **Inside**
 Press@RunDepth: 567.71 psig @ 3706.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.06.26 End Date: 2006.06.26 Last Calib.: 2006.06.26
 Start Time: 15:28:23 End Time: 23:42:22 Time On Btm: 2006.06.26 @ 17:22:52
 Time Off Btm: 2006.06.26 @ 21:23:52

TEST COMMENT: IFP Wk to strg in 6 min
 FFP Wk to strg in 7 min
 Times 30 60 90
 ISIP Surface bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.48	102.61	Initial Hydro-static
1	34.38	102.30	Open To Flow (1)
30	272.03	119.57	Shut-In(1)
90	1131.50	117.25	End Shut-In(1)
91	286.07	117.00	Open To Flow (2)
150	567.71	119.51	Shut-In(2)
240	1125.35	117.60	End Shut-In(2)
241	1831.84	117.59	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
840.00	Water RW .23 @ 81F	9.87
120.00	OCMW 5%O 10%M 85%W	1.68
160.00	HOCMW 20%O 20%M 60%W	2.24
30.00	CO	0.42

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25347

DST#: 7

ATTN: Scott Robinson

Test Start: 2006.06.26 @ 15:28:23

Tool Information

Drill Pipe:	Length: 3487.00 ft	Diameter: 3.80 inches	Volume: 48.91 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	49.94 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3705.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.02 ft			
Tool Length:	33.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3683.00	
Shut In Tool	5.00			3688.00	
Hydraulic tool	5.00			3693.00	
Safety Joint	2.00			3695.00	
Packer	5.00			3700.00	23.00 Bottom Of Top Packer
Packer	5.00			3705.00	
Stubb	1.00			3706.00	
Recorder	0.01	8167	Inside	3706.01	
Perforations	6.00			3712.01	
Recorder	0.01	13534	Outside	3712.02	
Bullnose	3.00			3715.02	10.02 Bottom Packers & Anchor

Total Tool Length: 33.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Romine #2-27

250 N Water Ste 300
Wichita KS 67202

27 10S 20W Rooks

Job Ticket: 25347

DST#: 7

ATTN: Scott Robinson

Test Start: 2006.06.26 @ 15:28:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.09 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
840.00	Water RW .23 @ 81F	9.870
120.00	OCMW 5%O 10%M 85%W	1.683
160.00	HOCCMW 20%O 20%M 60%W	2.244
30.00	CO	0.421

Total Length: 1150.00 ft Total Volume: 14.218 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1 1/2#LCM

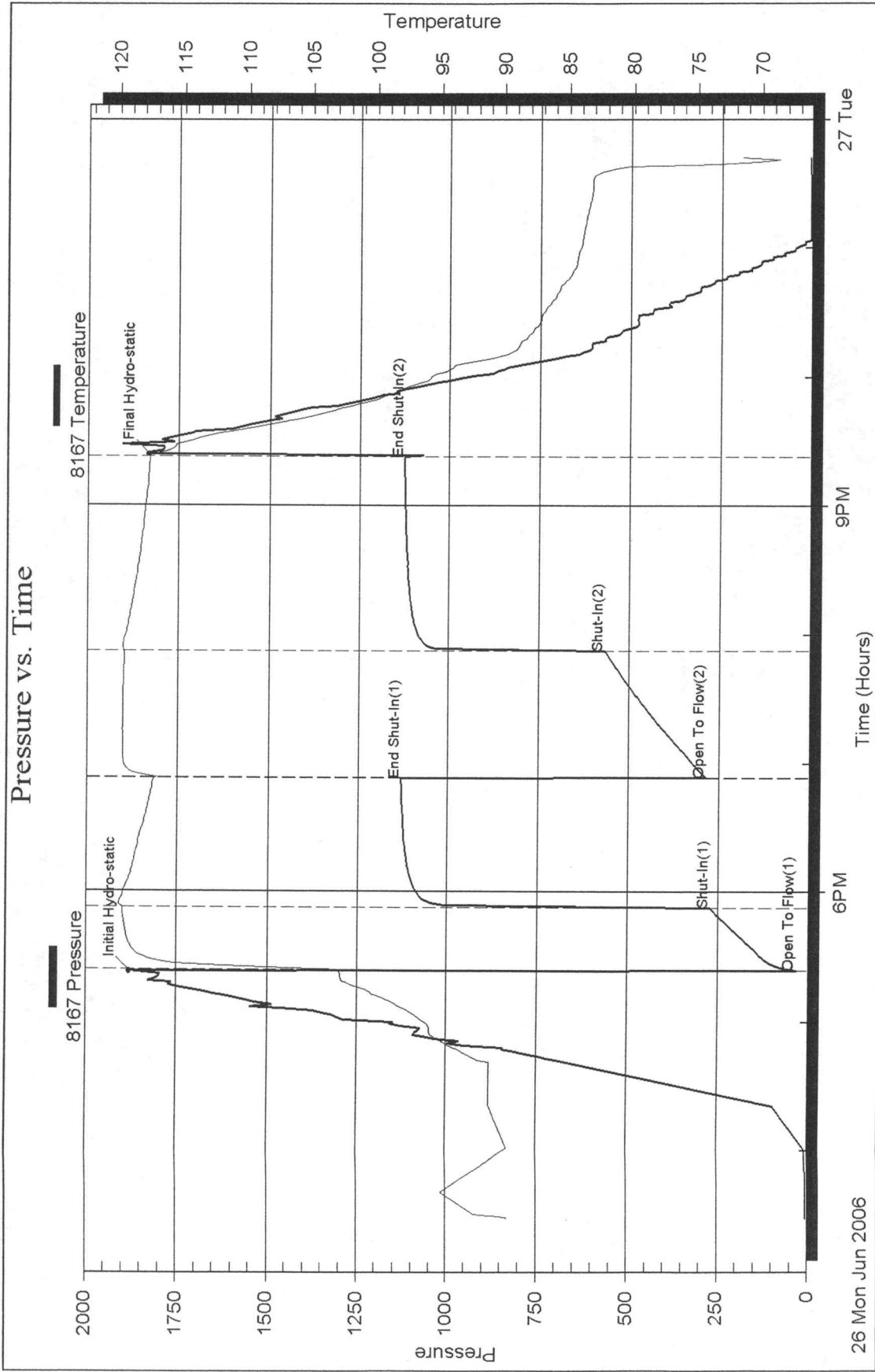
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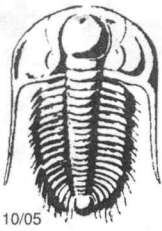
Inside

Murfin Drilling Co Inc

27 10S 20W Rooks

DST Test Number: 7





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8927

25341

Test Ticket

Well Name & No. Romine #2-27 Test No. 1 Date 6-22-06
 Company Murfin Drilling Co Inc Zone Tested Topeka
 Address 250 N. WATER, suite 300 WICHITA, Ks 67202 Elevation 2121 KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig MURFIN 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. ROOKS State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3164 - 3180 Initial Str Wt./Lbs. 32000 Unseated Str Wt/Lbs. 32000
 Anchor Length 16 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3159 Tool Weight 2200
 Bottom Packer Depth 3164 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3180 Wt. Pipe Run - Drill Collar Run 150
 Mud Wt. 8.8 LCM - Vis. 63 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3023
 Blow Description IFP - SURFACE BLOW, died in 5 min
FFP - No

Recovery - Total Feet 20 GIP - Ft. in DC 20 Ft. in DP -
 Rec. 20 Feet of OCM %gas 7 %oil - %water 93 %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 103 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3700 ppm System

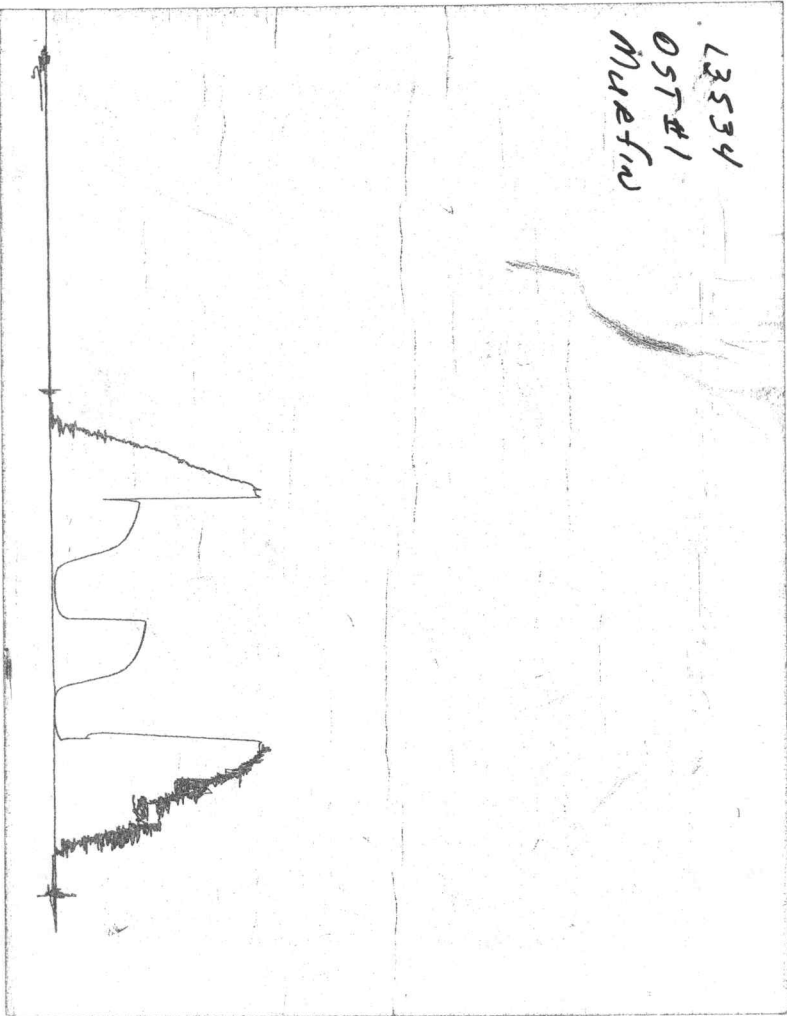
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1489</u> PSI	<u>8167</u>	<input checked="" type="checkbox"/> <u>1000.00</u>
(B) First Initial Flow Pressure		<u>11</u> PSI	(depth) <u>3165</u>	Jars _____
(C) First Final Flow Pressure		<u>17</u> PSI	Recorder No. <u>13534</u>	Safety Jt. <input checked="" type="checkbox"/> <u>75</u>
(D) Initial Shut-In Pressure		<u>692</u> PSI	(depth) <u>3177</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>19</u> PSI	Recorder No. <u>-</u>	Sampler _____
(F) Second Final Flow Pressure		<u>22</u> PSI	(depth) <u>-</u>	Straddle _____
(G) Final Shut-In Pressure		<u>652</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1463</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <input checked="" type="checkbox"/> <u>72 RT 90.00</u>
			T-On Location <u>1000</u>	Sub Total: <u>1165.00</u>
			T-Started <u>1129</u>	Std. By _____
			T-Open <u>1315</u>	Acc. Chg: _____
			T-Pulled <u>1615</u>	Other: _____
			T-Out <u>1738</u>	Total: _____

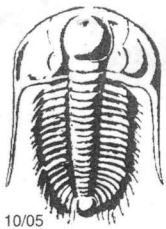
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Brad Rine
 Our Representative RAY Schwager THANK 404

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25342

Test Ticket

Well Name & No. Romine #2-27 Test No. 2 Date 6-23-06
 Company Murfin Drilling Co Inc Zone Tested LKC A-D
 Address 250 N. WATER, suite 300 WICHITA, Ks 67202 Elevation 2121 KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig Murfin 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. Rooks State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3395-3450 Initial Str Wt./Lbs. 32000 Unseated Str Wt/Lbs. 32000
 Anchor Length 55 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3390 Tool Weight 2200
 Bottom Packer Depth 3395 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3450 Wt. Pipe Run - Drill Collar Run 150
 Mud Wt. 9 LCM - Vis. 51 WL 7.2 Drill Pipe Size 4 1/2 X H Ft. Run 3239
 Blow Description IFP - WEAK BLOW THRU-OUT 1/4" TO 1 3/4" BLOW
FFP - NO BLOW 1st 8 MIN, THEN SURFACE BLOW THRU-OUT
TSIP - NO BLOW
FSIP - NO BLOW

Recovery - Total Feet 140 GIP - Ft. in DC 140 Ft. in DP -
 Rec. 20 Feet of OCWM %gas 10 %oil 30 %water 60 %mud
 Rec. 120 Feet of SOCMW %gas 3 %oil 77 %water 20 %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 108 °F Gravity - °API D @ - °F Corrected Gravity _____ °API
 RW .1 @ 90 °F Chlorides 58000 ppm Recovery _____ Chlorides 3700 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1626	PSI	8167	✓ 1000. ⁰⁰
(B) First Initial Flow Pressure	20	PSI	(depth) 3398	Jars _____
(C) First Final Flow Pressure	70	PSI	Recorder No. 13534	Safety Jt. ✓ 75. ⁰⁰
(D) Initial Shut-In Pressure	293	PSI	(depth) 3430	Circ Sub _____
(E) Second Initial Flow Pressure	81	PSI	Recorder No. -	Sampler _____
(F) Second Final Flow Pressure	96	PSI	(depth) -	Straddle _____
(G) Final Shut-In Pressure	267	PSI	Initial Opening 30	Ext. Packer _____
(Q) Final Hydrostatic Mud	1589	PSI	Initial Shut-In 60	Shale Packer _____
			Final Flow 30	Ruined Packer _____
			Final Shut-In 60	Mileage ✓ 72 RT 90. ⁰⁰

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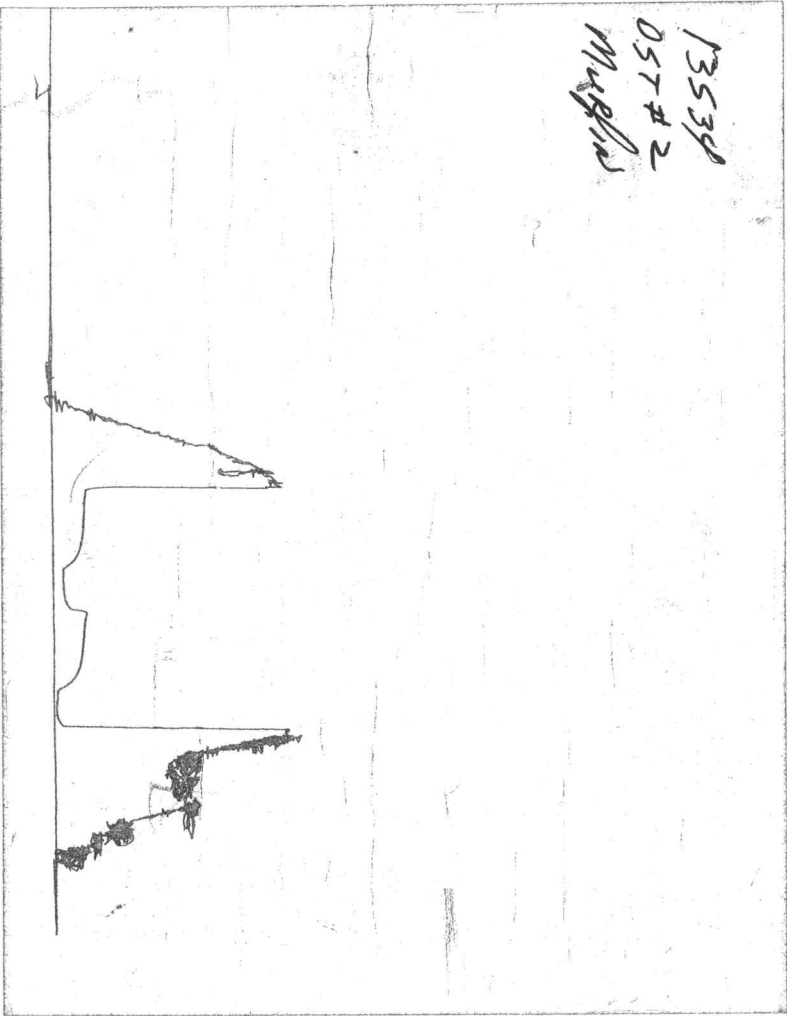
Approved By Brad Rine

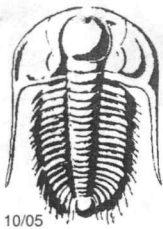
Our Representative RAY SCHWAGER HANK
404

T-On Location	0915	Std. By _____
T-Started	0936	Acc. Chg: _____
T-Open	1120	Other: _____
T-Pulled	1420	Total: _____
T-Out	1556	

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25343

Test Ticket

Well Name & No. Romine #2-27 Test No. 3 Date 6-23-06
 Company MURFIN DRILLING CO INC Zone Tested LKC E-F
 Address 250 N. WATER, SUITE 300 WICHITA, KS 67202 Elevation 2121 KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig MURFIN 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. ROOKS State KO
 Comment: _____ Release date / time: _____

Interval Tested 3451-3474 Initial Str Wt./Lbs. 32000 Unseated Str Wt/Lbs. 32000
 Anchor Length 23 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 45000
 Top Packer Depth 3446 Tool Weight 2200
 Bottom Packer Depth 3451 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3474 Wt. Pipe Run - Drill Collar Run 150
 Mud Wt. 9.2 LCM - Vis. 52 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3302
 Blow Description IFP - WEAK BLOW THRU-OUT 1/4" TO 1" BLOW
FFP - WEAK BLOW THRU-OUT SURFACE TO 1/4" BLOW
ISIP - NO BLOW
FSIP - NO BLOW

Recovery - Total Feet 142 GIP - Ft. in DC 142 Ft. in DP -
 Rec. 2 Feet of CO %gas %oil %water %mud
 Rec. 80 Feet of MW w/show of oil %gas %oil 80 %water 20 %mud
 Rec. 60 Feet of WATER %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .15 @ 36 °F Chlorides 38000 ppm Recovery _____ Chlorides 4900 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1643</u> PSI	<u>8167</u>	<u>1000.00</u>
(B) First Initial Flow Pressure		<u>19</u> PSI	(depth) <u>3452</u>	Jars _____
(C) First Final Flow Pressure		<u>42</u> PSI	Recorder No. <u>13534</u>	Safety Jt. <u>75.00</u>
(D) Initial Shut-In Pressure		<u>354</u> PSI	(depth) <u>3471</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>50</u> PSI	Recorder No. <u>-</u>	Sampler _____
(F) Second Final Flow Pressure		<u>92</u> PSI	(depth) <u>-</u>	Straddle _____
(G) Final Shut-In Pressure		<u>351</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1585</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____

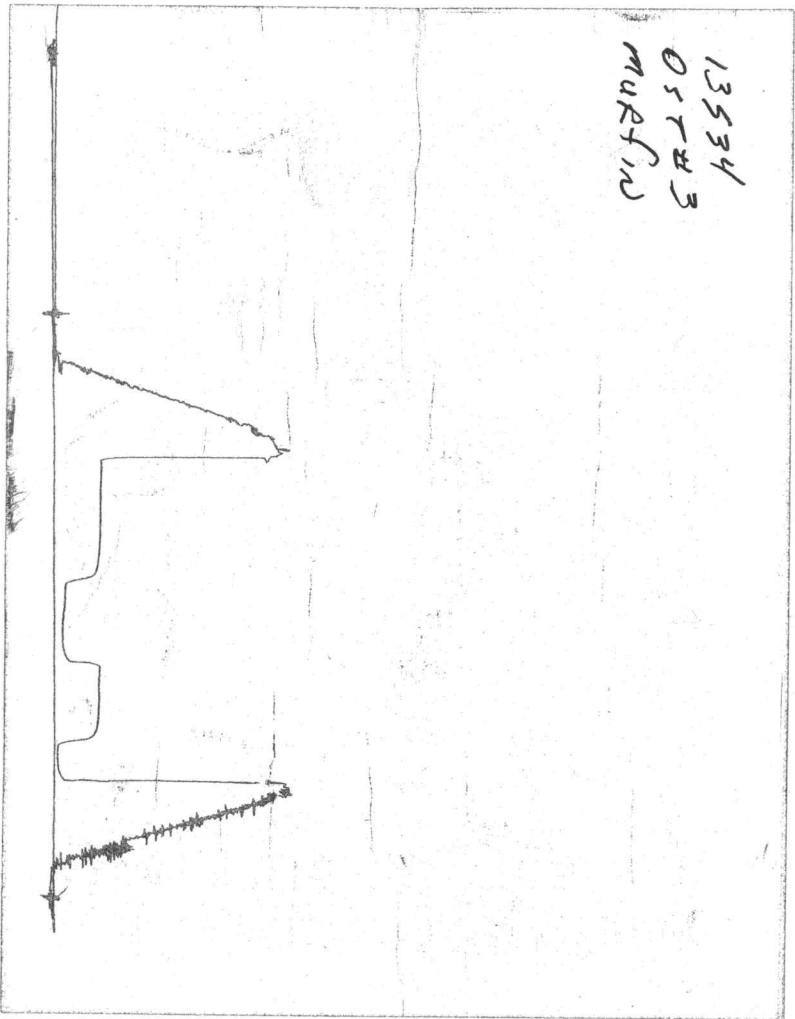
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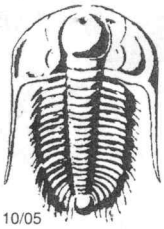
Approved By Brad Rine T-Started 2139
 Our Representative RAY SCHWAGER THANK T-Open 2325
404 T-Pulled 0325
 T-Out 0514

Final Flow 60 Ruined Packer _____
 Final Shut-In 90 Mileage 72 RT 90.00
 T-On Location 2130 9 Sub Total: 1165.00
 T-Started 2139 Std. By _____
 T-Open 2325 Acc. Chg: _____
 T-Pulled 0325 Other: _____
 T-Out 0514 Total: _____

CHART PAGE

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TRILOBITE TESTING INC.

25344

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Romine #2-27 Test No. 4 Date 6-24-06
 Company Murfin Drilling Co Inc Zone Tested LKC H-L
 Address 250 N. WATER, suite 300 WICHITA, Ks 6 Elevation 2121 KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig Murfin 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. Rooks State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3496-3600 Initial Str Wt./Lbs. 32000 Unseated Str Wt./Lbs. 32000
 Anchor Length 104 Wt. Set Lbs. 25600 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3491 Tool Weight 2200
 Bottom Packer Depth 3496 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3600 Wt. Pipe Run - Drill Collar Run 150

Mud Wt. 9.2 LCM - Vis. 57 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3332
 Blow Description IFP - WEAK Blow thru-out 1/8" Blow
FFP - NO BLOW 1st 10 min, THEN SURFACE Blow thru-out
ISIP - NO BLOW
FSIP - NO BLOW

Recovery - Total Feet 15 GIP 45 Ft. in DC 15 Ft. in DP -
 Rec. 5 Feet of CO %gas %oil %water %mud
 Rec. 10 Feet of 0 7/8 CM 4 %gas 6 %oil %water 90 %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 6400 ppm System

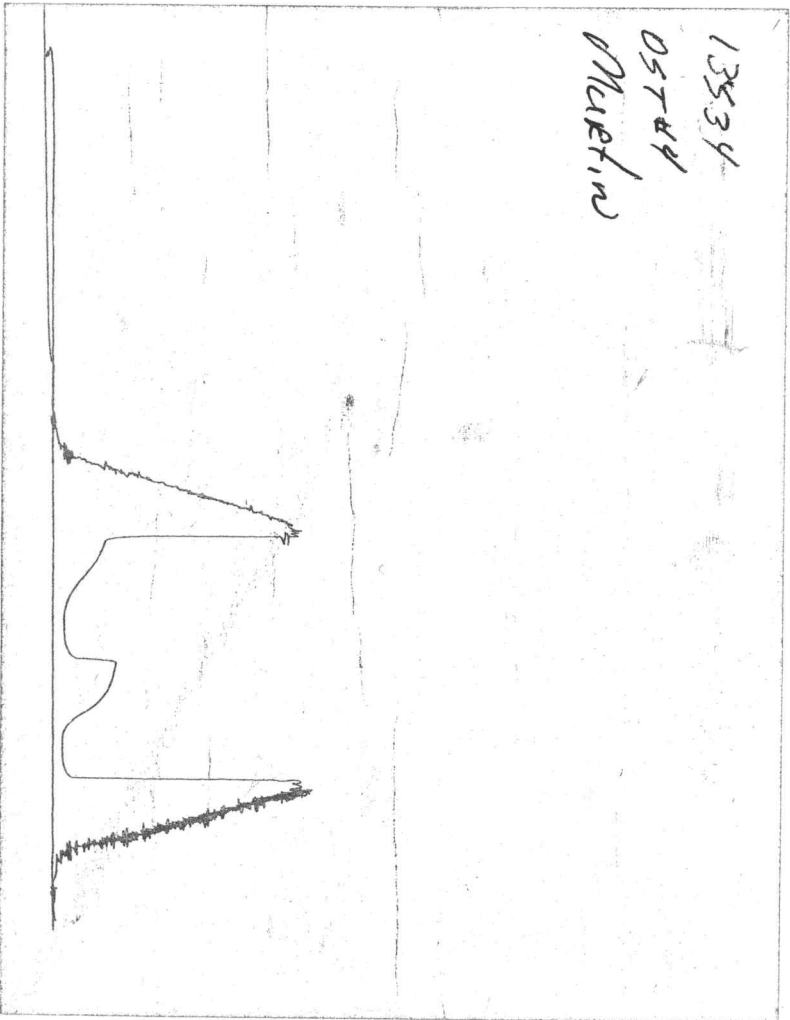
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1681	PSI	8167	1000.
(B) First Initial Flow Pressure	21	PSI	3497	Jars
(C) First Final Flow Pressure	30	PSI	13534	Safety Jt ✓ 75
(D) Initial Shut-In Pressure	440	PSI	3597	Circ Sub
(E) Second Initial Flow Pressure	36	PSI	-	Sampler
(F) Second Final Flow Pressure	43	PSI	-	Straddle
(G) Final Shut-In Pressure	363	PSI	Initial Opening 30	Ext. Packer
(Q) Final Hydrostatic Mud	1670	PSI	Initial Shut-In 60	Shale Packer
			Final Flow 30	Ruined Packer
			Final Shut-In 60	Mileage ✓ 72 RT 90
			T-On Location 1430	Sub Total: 1165.00
			T-Started 1509	Std. By _____
			T-Open 1700	Acc. Chg: _____
			T-Pulled 2000	Other: _____
			T-Out 2132	Total: _____
			7	

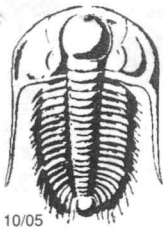
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Approved By Brad Rine
 Our Representative Ray Schwager Hank 604

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25345

Test Ticket

Well Name & No. Romine #2-27 Test No. 5 Date 6-25-06
 Company Murfin Drilling Co Inc Zone Tested Arbuckle
 Address 250 N. WATER, SUITE 300 WICHITA, K 67202 Elevation 2121 KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig Murfin 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. Rooks State K
 Comment: _____ Release date / time: _____

Interval Tested 3599 - 3690 Initial Str Wt./Lbs. 32000 Unseated Str Wt/Lbs. 32000
 Anchor Length 91 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 45000
 Top Packer Depth 3594 Tool Weight 2200
 Bottom Packer Depth 3599 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3690 Wt. Pipe Run - Drill Collar Run 150
 Mud Wt. 9.2 LCM - Vis. 51 WL 6.8 Drill Pipe Size 4 1/2 x H Ft. Run 3454
 Blow Description IFP - SURFACE Blow, died in 8 min
FFP - NO BLOW
ISIP - NO BLOW
FSIP - NO BLOW

Recovery - Total Feet 5 GIP - Ft. in DC 5 Ft. in DP _____
 Rec. 5 Feet of 50 CM %gas 1 %oil _____ %water 99 %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 6400 ppm System

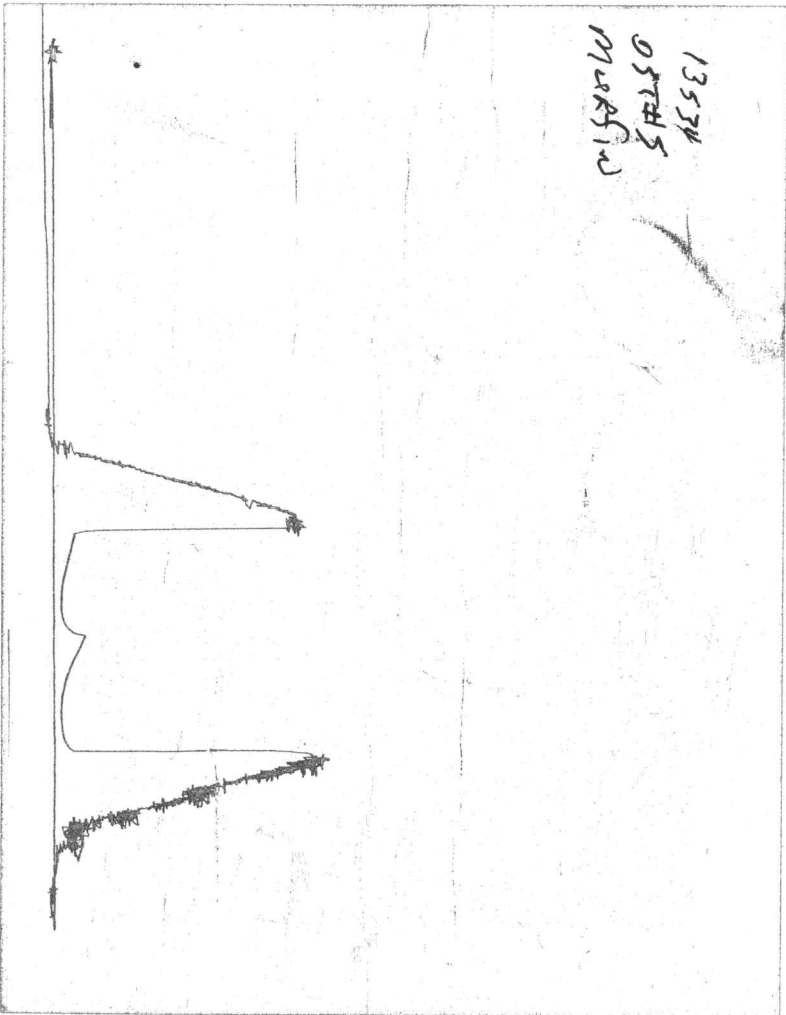
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1774	PSI	8167	✓ 1000
(B) First Initial Flow Pressure	20	PSI	(depth) 3600	Jars _____
(C) First Final Flow Pressure	25	PSI	Recorder No. 13534	Safety Jt. ✓ 75.00
(D) Initial Shut-In Pressure	235	PSI	(depth) 3687	Circ Sub _____
(E) Second Initial Flow Pressure	26	PSI	Recorder No. -	Sampler _____
(F) Second Final Flow Pressure	27	PSI	(depth) -	Straddle _____
(G) Final Shut-In Pressure	157	PSI	Initial Opening 30	Ext. Packer _____
(Q) Final Hydrostatic Mud	1747	PSI	Initial Shut-In 60	Shale Packer _____

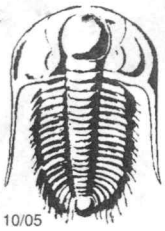
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Approved By Brad Rine T-Started 1030 T-Open 1230 T-Pulled 1515 T-Out 1648
 Our Representative Ray Schwager Thank you Final Flow 15 Final Shut-In 60 T-On Location 1015 T-Started 1030 T-Open 1230 T-Pulled 1515 T-Out 1648
 Test ✓ 1000 Jars _____ Safety Jt. ✓ 75.00 Circ Sub _____ Sampler _____ Straddle _____ Ext. Packer _____ Shale Packer _____ Ruined Packer _____ Mileage ✓ 72 RT 90 Sub Total: 1165 Std. By _____ Acc. Chg: _____ Other: _____ Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25346

Test Ticket

Well Name & No. Romine # 2-27 Test No. 6 Date 5-26-06
 Company Murfin Drilling Co. Inc Zone Tested Arbuckle
 Address 250 N. WATER, SUITE 300 WICHITA, KS 67202 Elevation 2121 KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig MURFIN 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. ROOKS State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3691-3705 Initial Str Wt./Lbs. 35000 Unseated Str Wt./Lbs. 35000
 Anchor Length 14 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 65000
 Top Packer Depth 3686 Tool Weight 2200
 Bottom Packer Depth 3691 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3705 Wt. Pipe Run - Drill Collar Run 210
 Mud Wt. 9.1 LCM 2[#] Vis. 51 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3586
 Blow Description IFP - WEAK BLOW THRU-OUT 1/4" TO 3" BLOW
FFP - SURFACE BLOW THRU-OUT
ISIP - SURFACE BLOW BACK
FSIP - NO BLOW

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>60</u>	<u>60</u>	<u>60</u>	<u>-</u>
Rec. <u>60</u> Feet of <u>OCWM</u>	%gas <u>4</u>	%oil <u>26</u>	%water <u>70</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 112 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .41 @ 63 °F Chlorides 18000 ppm Recovery _____ Chlorides 6900 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1793</u> PSI	<u>8167</u>	<u>1000</u>	<input checked="" type="checkbox"/>
(B) First Initial Flow Pressure	<u>18</u> PSI	(depth) <u>3692</u>	Jars	
(C) First Final Flow Pressure	<u>36</u> PSI	Recorder No. <u>13534</u>	Safety Jt. <input checked="" type="checkbox"/>	<u>75</u>
(D) Initial Shut-In Pressure	<u>50</u> PSI	(depth) <u>3702</u>	Circ Sub	
(E) Second Initial Flow Pressure	<u>35</u> PSI	Recorder No. <u>-</u>	Sampler	
(F) Second Final Flow Pressure	<u>44</u> PSI	(depth) _____	Straddle	
(G) Final Shut-In Pressure	<u>48</u> PSI	Initial Opening <u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud	<u>1787</u> PSI	Initial Shut-In <u>60</u>	Shale Packer	

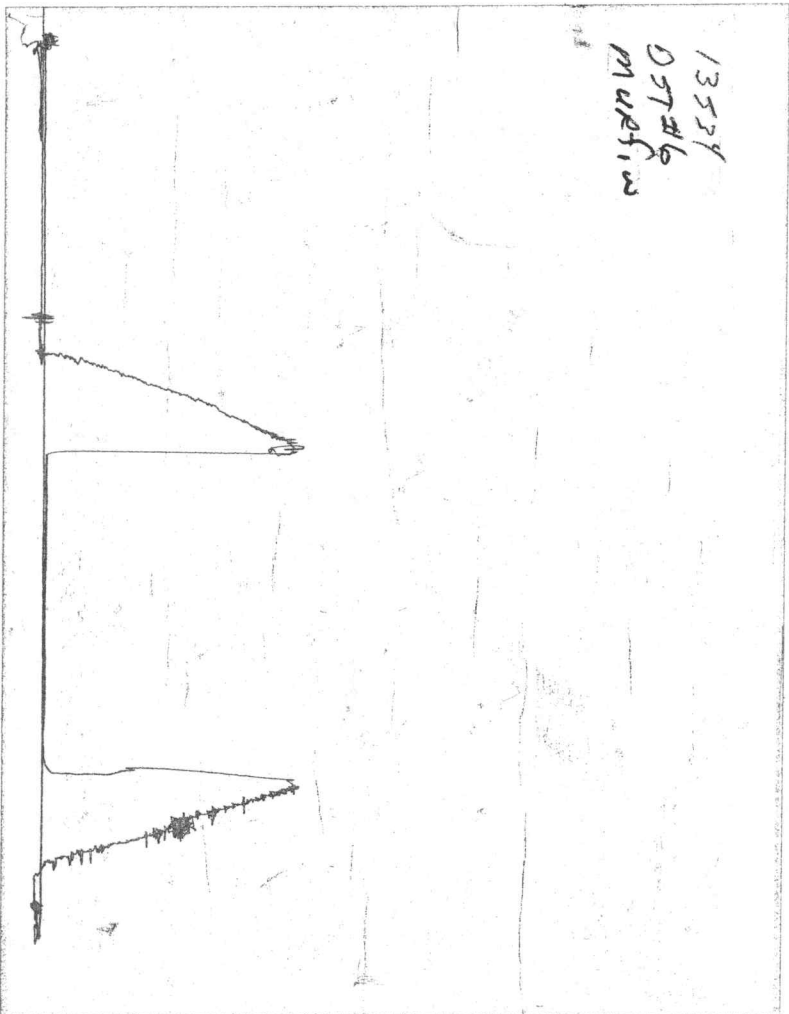
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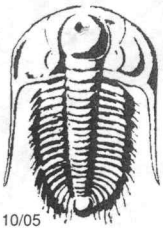
Approved By Brad Rine
 Our Representative Ray Schwager Thank 404

Final Flow	<u>60</u>	Ruined Packer	
Final Shut-In	<u>90</u>	Mileage <input checked="" type="checkbox"/>	<u>72 RT 90</u>
T-On Location	<u>0000</u>	Sub Total:	<u>1165</u>
T-Started	<u>0012</u>	Std. By	
T-Open	<u>0210</u>	Acc. Chg:	
T-Pulled	<u>0610</u>	Other:	
T-Out	<u>0756</u>	Total:	

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25347

Test Ticket

Well Name & No. Romine # 2-27 Test No. 7 Date 5-26-06
 Company Murfin Drilling Co Inc Zone Tested Arbuckle
 Address 250 N. WATER, suite 300 WICHITA, Ks 67202 Elevation 212' KB 2116 GL
 Co. Rep / Geo. BRAD RINE Rig Murfin 8
 Location: Sec. 27 Twp. 10^s Rge. 20^w Co. Rooks State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3705-3715 Initial Str Wt./Lbs. 35000 Unseated Str Wt/Lbs. 40000
 Anchor Length 10 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3700 Tool Weight 2200
 Bottom Packer Depth 3705 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3715 Wt. Pipe Run - Drill Collar Run 210
 Mud Wt. 9.2 LCM 1/2# Vis. 48 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3487
 Blow Description IFP - WEAK TO STRONG IN 6 MIN
FFP - WEAK TO STRONG IN 7 MIN
ISIP - SURFACE BLOW BACK
FSIP - NO BLOW

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>1150</u>	<u>-</u>	<u>210</u>	<u>940</u>
Rec. <u>30</u>	Feet of <u>CO</u>	%gas	%oil %water %mud
Rec. <u>160</u>	Feet of <u>HOCMW</u>	%gas <u>20</u>	%oil <u>60</u> %water <u>20</u> %mud
Rec. <u>120</u>	Feet of <u>OCMW</u>	%gas <u>5</u>	%oil <u>85</u> %water <u>10</u> %mud
Rec. <u>840</u>	Feet of <u>WATER</u>	%gas	%oil %water %mud
Rec. _____	Feet of _____	%gas	%oil %water %mud
BHT <u>117</u>	°F Gravity <u>28</u>	°API D @ <u>60</u>	°F Corrected Gravity <u>28</u> °API
RW <u>.23</u>	@ <u>81</u> °F	Chlorides <u>25000</u> ppm	Recovery _____ Chlorides <u>6900</u> ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1794</u> PSI	<u>8167</u>	<input checked="" type="checkbox"/>
(B) First Initial Flow Pressure		<u>34</u> PSI	(depth) <u>3706</u>	Jars _____
(C) First Final Flow Pressure		<u>272</u> PSI	Recorder No. <u>13534</u>	Safety Jt. <input checked="" type="checkbox"/>
(D) Initial Shut-In Pressure		<u>1131</u> PSI	(depth) <u>3712</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>286</u> PSI	Recorder No. <u>-</u>	Sampler _____
(F) Second Final Flow Pressure		<u>567</u> PSI	(depth) <u>-</u>	Straddle _____
(G) Final Shut-In Pressure		<u>1125</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1791</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>90</u>	Mileage <input checked="" type="checkbox"/> <u>72 RT</u>

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Approved By Brad Rine

Our Representative Ray Schwager Thank you

T-On Location 1500
 T-Started 1528
 T-Open 1725
 T-Pulled 2125
 T-Out 2342
 Sub Total: 1165
 Std. By 34 37.50
 Acc. Chg: _____
 Other: _____
 Total: 1202.50

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

