

**TRILOBITE
TESTING, INC.**

**KCC
OCT 25 2006
CONFIDENTIAL**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Wes Hansen

18 32 20 Commanche K

GAL #1-18

Start Date: 2006.07.14 @ 06:00:15

End Date: 2006.07.14 @ 16:17:45

Job Ticket #: 24472 DST #: 1

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

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Murfin Drilling Co Inc

GAL #1-18

18 32 20 Commanche K

DST # 1

Inola/Morrow Sd.

2006.07.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Wes Hansen

GAL #1-18

18 32 20 Commanche K

Job Ticket: 24472

DST#: 1

Test Start: 2006.07.14 @ 06:00:15

GENERAL INFORMATION:

Formation: **Inola/Morrow Sd.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:53:30

Time Test Ended: 16:17:45

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5092.00 ft (KB) To 5137.00 ft (KB) (TVD)**

Total Depth: 5137.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 1912.00 ft (KB)

1901.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751 Inside

Press@RunDepth: 47.62 psig @ 5125.00 ft (KB)

Start Date: 2006.07.14

End Date: 2006.07.14

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

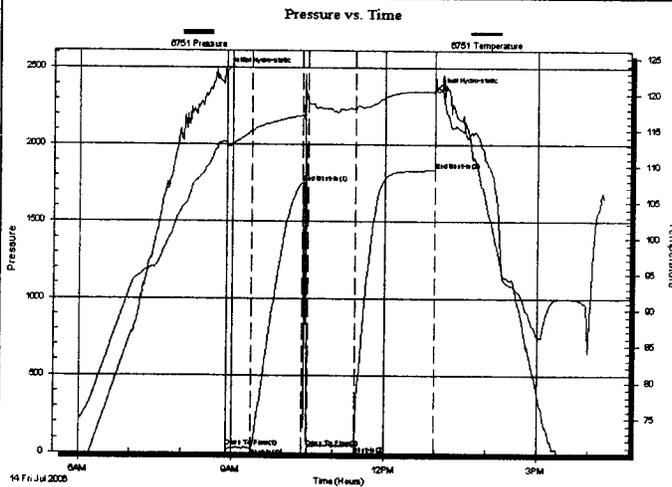
Start Time: 06:00:16

End Time: 16:17:45

Time On Btm: 2006.07.14 @ 08:53:00

Time Off Btm: 2006.07.14 @ 12:58:45

TEST COMMENT: IF Good building blow BOB 3 1/2 min NO GTS
ISI Blow back, built to 3" into bucket
FF Came up to high Reset tool BOB ASAO GTS 35 min TSTG
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2480.19	113.52	Initial Hydro-static
1	36.67	112.91	Open To Flow (1)
30	32.55	114.98	Shut-In(1)
90	1749.04	117.09	End Shut-In(1)
97	38.39	119.01	Open To Flow (2)
152	47.62	118.19	Shut-In(2)
246	1834.37	120.36	End Shut-In(2)
246	2352.75	123.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	100%Mw / scum of Oil	0.70

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Wes Hansen

GAL #1-18
18 32 20 Commanche K
Job Ticket: 24472 DST#: 1
Test Start: 2006.07.14 @ 06:00:15

Tool Information

Drill Pipe:	Length: 5031.00 ft	Diameter: 3.80 inches	Volume: 70.57 bbl	Tool Weight: 1800.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 70.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	5092.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5065.00	
Shut In Tool	5.00			5070.00	
Hydraulic tool	5.00			5075.00	
Jars	5.00			5080.00	
Safety Joint	3.00			5083.00	
Packer	5.00			5088.00	28.00 Bottom Of Top Packer
Packer	4.00			5092.00	
Stubb	1.00			5093.00	
Perforations	1.00			5094.00	
Change Over Sub	1.00			5095.00	
Drill Pipe	29.00			5124.00	
Change Over Sub	1.00			5125.00	
Recorder	0.00	6751	Inside	5125.00	
Perforations	8.00			5133.00	
Recorder	0.00	11018	Inside	5133.00	
Bullnose	4.00			5137.00	45.00 Bottom Packers & Anchor
Total Tool Length:	73.00				

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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

GAL #1-18

250 N Water Ste 300
Wichita KS 67202

18 32 20 Commanche K

Job Ticket: 24472

DST#: 1

ATTN: Wes Hansen

Test Start: 2006.07.14 @ 06:00:15

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.92 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	100%Mw / scum of Oil	0.698

Total Length: 90.00 ft

Total Volume: 0.698 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

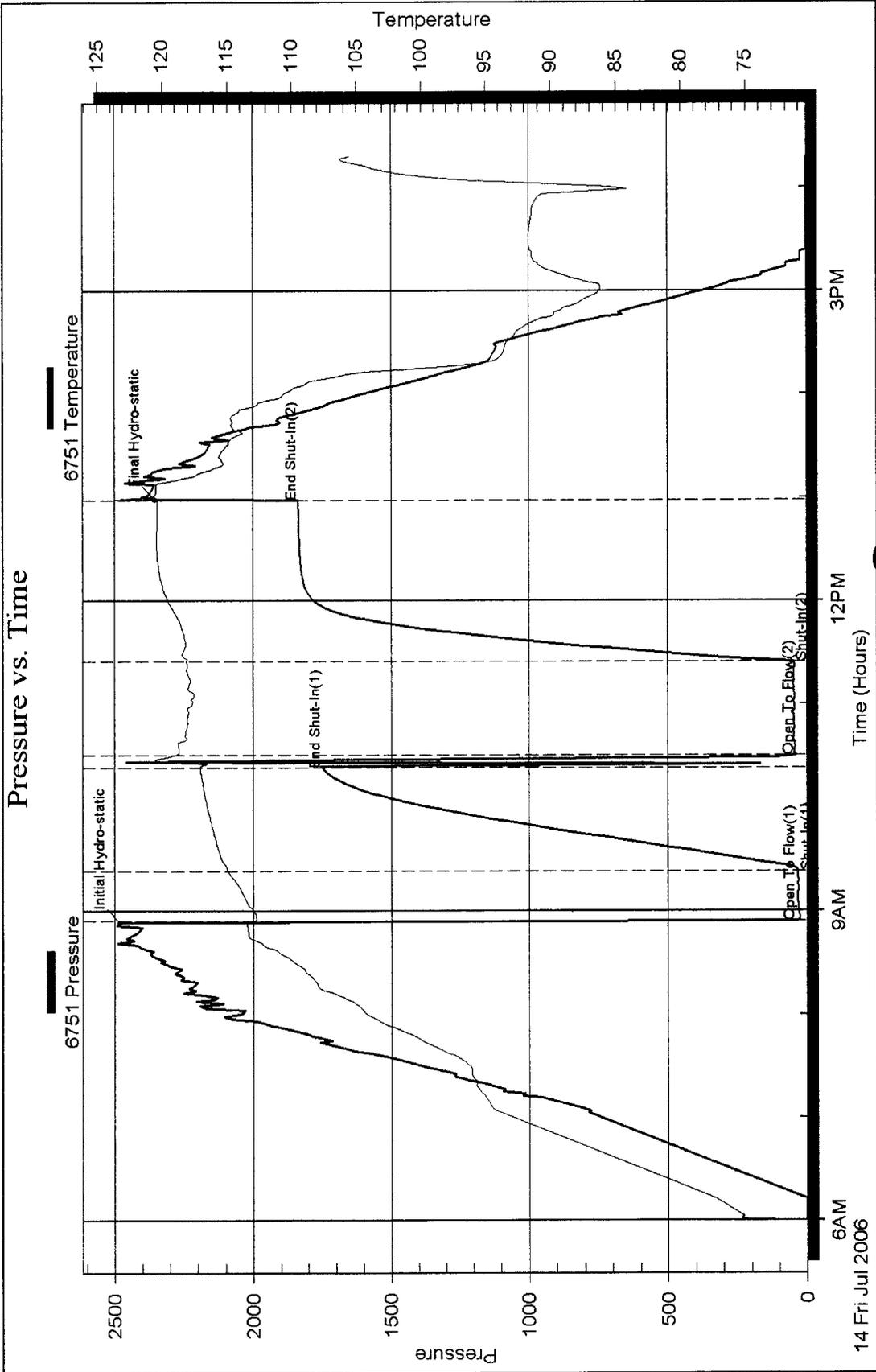
Inside

Murfin Drilling Co Inc

18 32 20 Comanche K

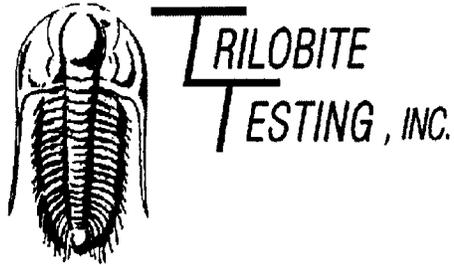
DST Test Number: 1

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: Wes Hansen

18 32 20 Commanche K

GAL #1-18

Start Date: 2006.07.15 @ 15:45:01

End Date: 2006.07.16 @ 02:04:01

Job Ticket #: 24473 DST #: 2

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Trilobite Testing, Inc
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ph: 785-625-4778 fax: 785-625-5620

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Murfin Drilling Co Inc

GAL #1-18

18 32 20 Commanche K

DST # 2

Morrow Sand

2006.07.15



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Wes Hansen

GAL #1-18
18 32 20 Commanche K
Job Ticket: 24473 **DST#: 2**
Test Start: 2006.07.15 @ 15:45:01

Tool Information

Drill Pipe:	Length: 5033.00 ft	Diameter: 3.80 inches	Volume: 70.60 bbl	Tool Weight: 1800.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	70.90 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	5114.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 7.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5087.00	
Shut In Tool	5.00			5092.00	
Hydraulic tool	5.00			5097.00	
Jars	5.00			5102.00	
Safety Joint	3.00			5105.00	
Packer	5.00			5110.00	28.00 Bottom Of Top Packer
Packer	4.00			5114.00	
Stubb	1.00			5115.00	
Change Over Sub	1.00			5116.00	
Drill Pipe	29.00			5145.00	
Change Over Sub	1.00			5146.00	
Perforations	1.00			5147.00	
Recorder	0.00	6751	Inside	5147.00	
Perforations	7.00			5154.00	
Recorder	0.00	11018	Inside	5154.00	
Bullnose	4.00			5158.00	44.00 Bottom Packers & Anchor
Total Tool Length:	72.00				

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FLUID SUMMARY

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Wichita KS 67202

18 32 20 Commanche K

Job Ticket: 24473

DST#: 2

ATTN: Wes Hansen

Test Start: 2006.07.15 @ 15:45:01

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: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
90.00	5%G 15%COND 80%M	0.698

Total Length: 90.00 ft

Total Volume: 0.698 bbf

Num Fluid Samples: 1

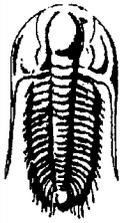
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Murfin Drilling Co Inc

GAL #1-18

250 N Water Ste 300
Wichita KS 67202

18 32 20 Commanche K

Job Ticket: 24473

DST#: 2

ATTN: Wes Hansen

Test Start: 2006.07.15 @ 15:45:01

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	5	1.00	150.00	4726.31
1	5	1.00	150.00	4726.31
1	10	1.00	170.00	5301.28
1	15	1.00	190.00	5876.26
2	10	1.00	200.00	6163.75
2	20	1.00	210.00	6451.23
2	30	1.00	230.00	7026.21
2	40	1.00	235.00	7169.95
2	60	1.00	235.00	7169.95

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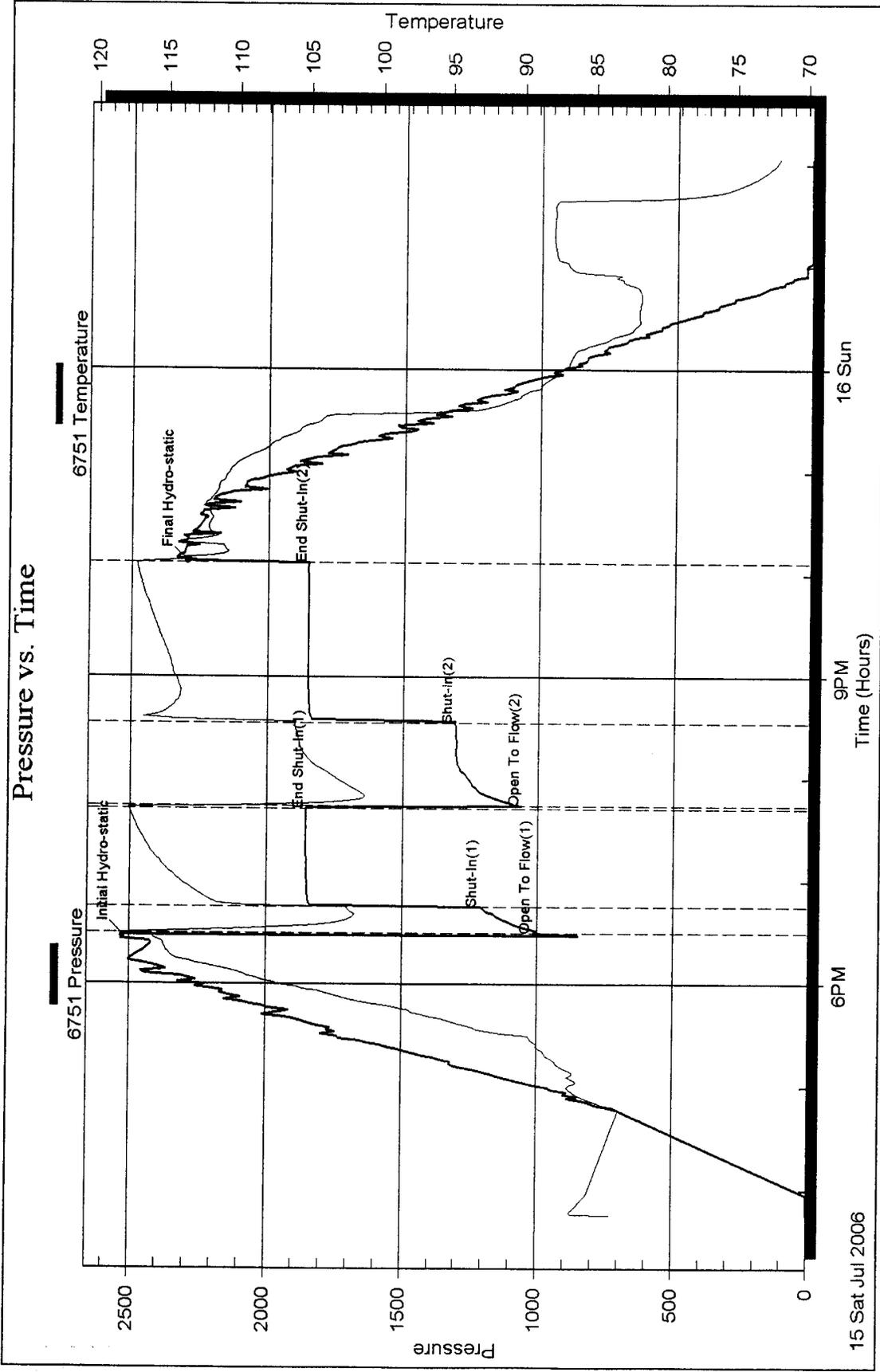
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Inside

Murfin Drilling Co Inc

18.32.20 Commanche K

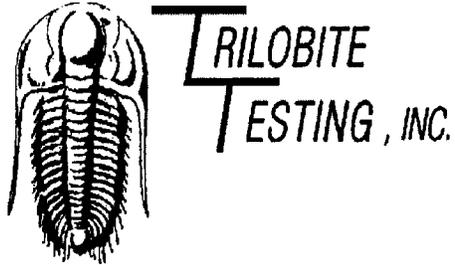
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 24473

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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Wes Hansen

18 32 20 Commanche K

GAL #1-18

Start Date: 2006.07.16 @ 16:00:33

End Date: 2006.07.17 @ 02:20:18

Job Ticket #: 24474 DST #: 3

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

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Murfin Drilling Co Inc

GAL #1-18

18 32 20 Commanche K

DST # 3

Morrow Sand

2006.07.16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Wes Hansen

GAL #1-18
18 32 20 Commanche K
Job Ticket: 24474 **DST#: 3**
Test Start: 2006.07.16 @ 16:00:33

Tool Information

Drill Pipe:	Length: 5091.00 ft	Diameter: 3.80 inches	Volume: 71.41 bbl	Tool Weight: 1800.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 61000.00 lb
			<u>Total Volume: 71.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5161.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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			5134.00	
Shut In Tool	5.00			5139.00	
Hydraulic tool	5.00			5144.00	
Jars	5.00			5149.00	
Safety Joint	3.00			5152.00	
Packer	5.00			5157.00	28.00 Bottom Of Top Packer
Packer	4.00			5161.00	
Stubb	1.00			5162.00	
Perforations	1.00			5163.00	
Recorder	0.00	6751	Inside	5163.00	
Perforations	22.00			5185.00	
Recorder	0.00	11018	Inside	5185.00	
Bullnose	4.00			5189.00	28.00 Bottom Packers & Anchor

Total Tool Length: 56.00

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250 N Water Ste 300
Wichita KS 67202

18 32 20 Commanche K

Job Ticket: 24474

DST#: 3

ATTN: Wes Hansen

Test Start: 2006.07.16 @ 16:00:33

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:

16000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	Tr.Gas 5%Cond 5%M 90%W	1.960

Total Length: 180.00 ft

Total Volume: 1.960 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Murfin Drilling Co Inc

GAL #1-18

250 N Water Ste 300
Wichita KS 67202

18 32 20 Commanche K

Job Ticket: 24474

DST#: 3

ATTN: Wes Hansen

Test Start: 2006.07.16 @ 16:00:33

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	5	1.00	130.00	4151.33
1	10	1.00	185.00	5732.51
1	15	1.00	200.00	6163.75
2	5	1.00	160.00	5013.79
2	10	1.00	255.00	7744.93
2	15	1.00	275.00	8319.91

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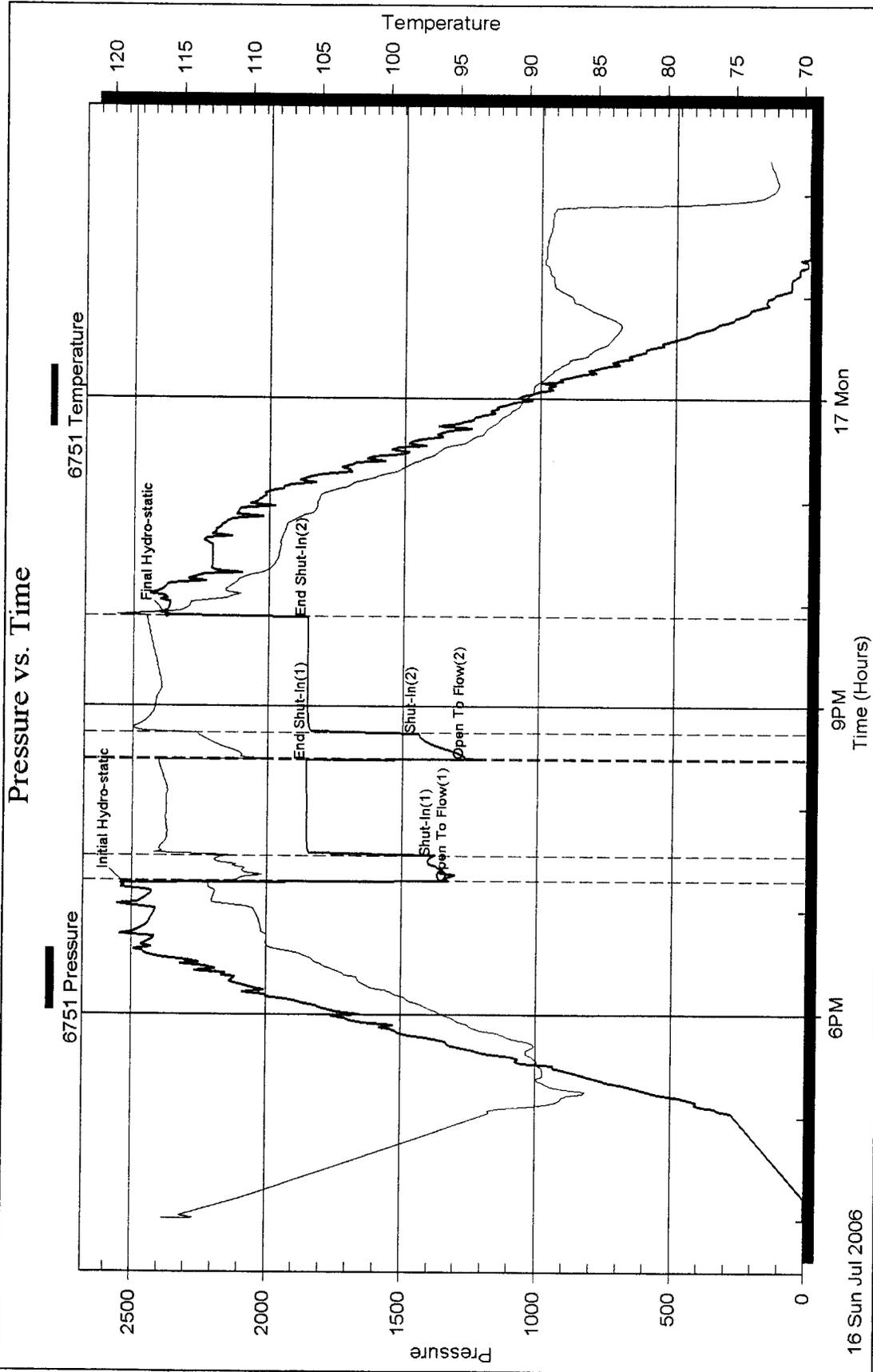
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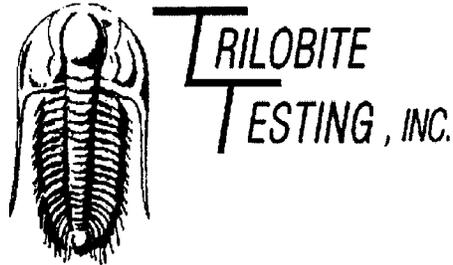
Inside

Murfin Drilling Co Inc

18 32 20 Commanche K

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Wes Hansen

18 32 20 Commanche K

GAL #1-18

Start Date: 2006.07.17 @ 15:00:02

End Date: 2006.07.18 @ 03:15:02

Job Ticket #: 24475 DST #: 4

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

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Murfin Drilling Co Inc

GAL #1-18

18 32 20 Commanche K

DST # 4

2006.07.17



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

GAL #1-18

250 N Water Ste 300
Wichita KS 67202

18 32 20 Commanche K

Job Ticket: 24475

DST#: 4

ATTN: Wes Hansen

Test Start: 2006.07.17 @ 15:00:02

Tool Information

Drill Pipe:	Length: 5122.00 ft	Diameter: 3.80 inches	Volume: 71.85 bbl	Tool Weight: 1800.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 72.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5192.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	57.00 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			5165.00	
Shut In Tool	5.00			5170.00	
Hydraulic tool	5.00			5175.00	
Jars	5.00			5180.00	
Safety Joint	3.00			5183.00	
Packer	5.00			5188.00	28.00 Bottom Of Top Packer
Packer	4.00			5192.00	
Stubb	1.00			5193.00	
Perforations	1.00			5194.00	
Recorder	0.00	6751	Inside	5194.00	
Perforations	23.00			5217.00	
Recorder	0.00	11018	Inside	5217.00	
Bullnose	4.00			5221.00	29.00 Bottom Packers & Anchor

Total Tool Length: 57.00

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FLUID SUMMARY

Murfin Drilling Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Wes Hansen

GAL #1-18
18 32 20 Commanche K
Job Ticket: 24475 **DST#: 4**
Test Start: 2006.07.17 @ 15:00:02

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:	16000 ppm
Viscosity: 952.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1150.00	5%M 95%W	15.567

Total Length: 1150.00 ft Total Volume: 15.567 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

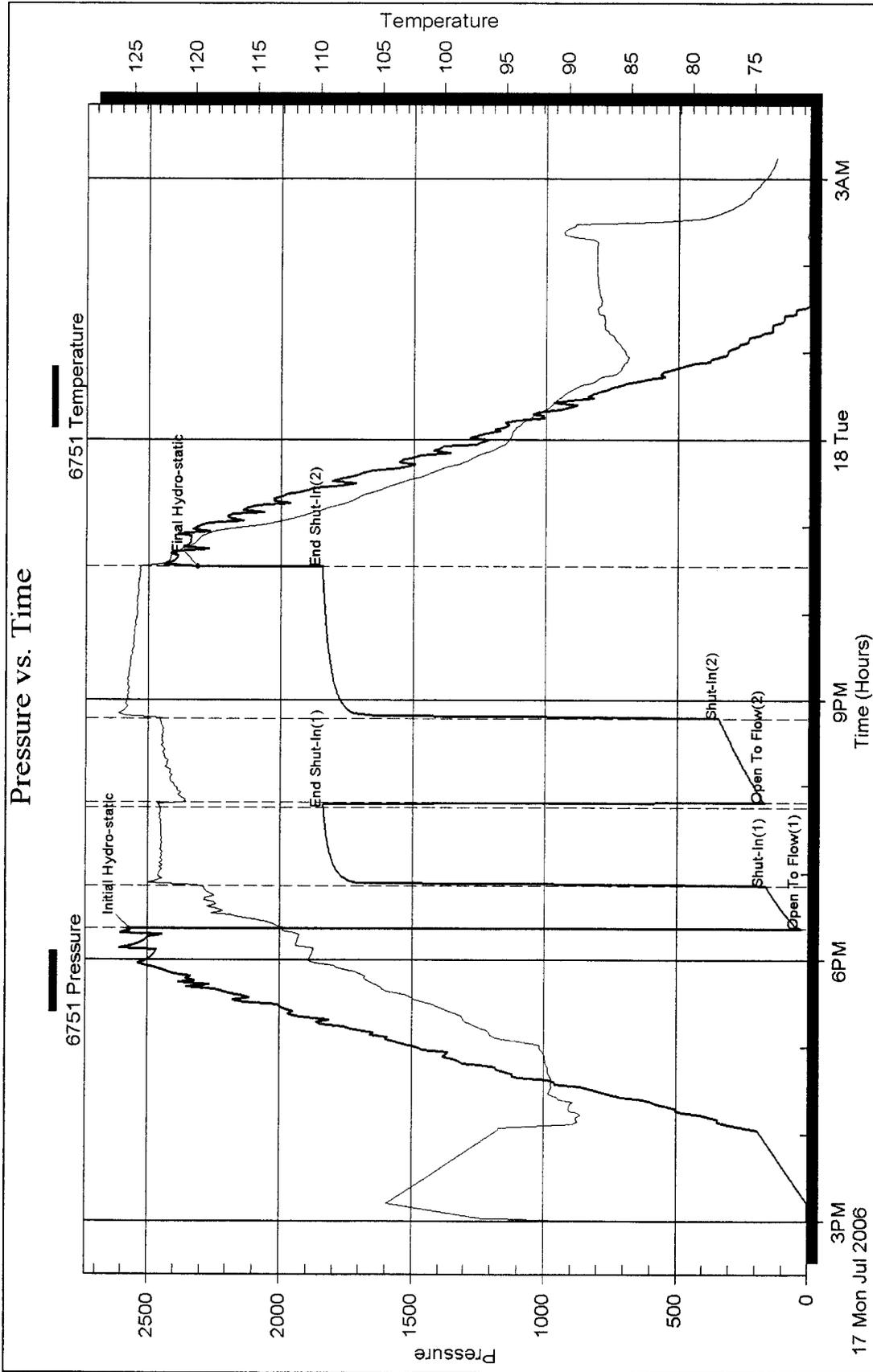
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Inside

Murfin Drilling Co Inc

18 32 20 Commanche K

DST Test Number: 4



Trilogie Testing, Inc

Ref. No: 24475

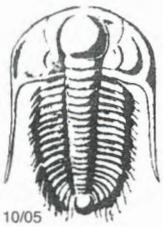
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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9017

No 24472

Test Ticket

Well Name & No. GAL #1-18 Test No. 1 Date 7/14/06
 Company Martin Drilling Co Inc. Zone Tested Inok / msw Sand.
 Address 250 N. Water, Suite 300 Wichita KS 67202 Elevation 1912 KB 1901 GL
 Co. Rep / Geo. Wes Hansen Rig Martin #
 Location: Sec. 18 Twp. 32 Rge. 20 Co. Lemanche State Ks
 Comment: _____ Release date / time: _____

Interval Tested 5092 - 5137 Initial Str Wt./Lbs. 58 K Unseated Str Wt./Lbs. 60K
 Anchor Length 45 Wt. Set Lbs. 25 K Wt. Pulled Loose/Lbs. 62 K
 Top Packer Depth 5087 Tool Weight 1800
 Bottom Packer Depth 5092 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5137 Wt. Pipe Run 0 Drill Collar Run 62
 Mud Wt. 9.2 LCM 0 Vis. 55 WL 12.0 Drill Pipe Size 4.5 XH Ft. Run 5031
 Blow Description IF - Good building blow BOB, 3 1/2 min "No OTS"
TST - Weak blow, built to 3 min into bucket.

FF - Came up to high and closed tool, set back down and opened,
BOB ASLO, OTS 35 min TSTG. FSI - No blow back,

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>90</u>	Feet of <u>msw</u>	%gas <u>SCUM</u>	%oil <u>100</u> %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %mud

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2491</u>	PSI	<u>6751</u>	<u>1200⁰⁰</u>
(B) First Initial Flow Pressure	<u>37</u>	PSI	<u>5095</u>	Jars <u>250⁰⁰</u>
(C) First Final Flow Pressure	<u>33</u>	PSI	<u>11018</u>	Safety Jt. <u>75⁰⁰</u>
(D) Initial Shut-In Pressure	<u>1749</u>	PSI	<u>5137</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>38</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>48</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1834</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2404</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer <u>200⁰⁰</u>
			Final Shut-In <u>90</u>	Mileage <u>162</u> <u>202.50</u>

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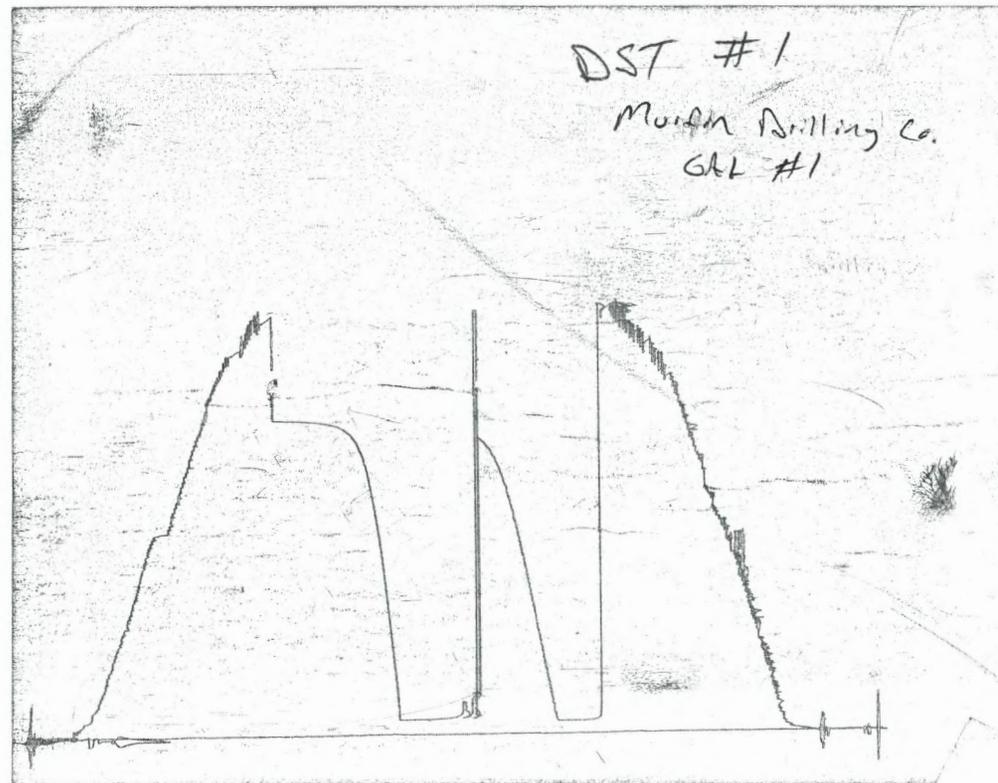
Approved By Wesley Hansen
 Our Representative Hubert D. ...

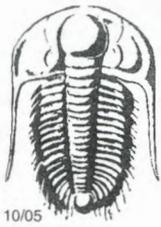
T-On Location	T-Started	T-Open	T-Pulled	T-Out	Sub Total	Std. By	Acc. Chg.	Other	Total
<u>300 AM</u>	<u>3:00</u>	<u>6:00</u>	<u>2:00 PM</u>	<u>14:00</u>	<u>1927.50</u>	<u>4 1/2</u>			<u>2165.00</u>
					<u>200</u>				
					<u>+37.50</u>				

17 copies

CHART PAGE

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





TRILOBITE TESTING INC.

No 24473

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. GAL #1-18 Test No. 2 Date 7/15/06
 Company Murkin Drilling Co. Inc. Zone Tested Narrow Sand
 Address 250 N. water, suite 300 Wichita KS Elevation 1912 KB 1901 GL
 Co. Rep / Geo. Wes Hansen Rig Murkin #2
 Location: Sec. 18 Twp. 32 Rge. 20 Co. Comanche State KS
 Comment: _____ Release date / time: _____

Interval Tested 5113 - 5157 Initial Str Wt./Lbs. 58K Unseated Str Wt./Lbs. 60K
 Anchor Length 44 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 60K
 Top Packer Depth 5108 Tool Weight 1800
 Bottom Packer Depth 5113 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5157 Wt. Pipe Run 8 Drill Collar Run 62
 Mud Wt. 9.1 LCM 2 Vis. 50 WL 11.2 Drill Pipe Size 4.5 x H Ft. Run 5033
 Blow Description IF - BOB ASAO, GTS 1 min 50 sec
ISI - weak surface blow
FF - BOB GTS ASAO
FSI - built to 1 inch in bucket

Recovery - Total Feet 90 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 90 Feet of _____ %gas 15 ^{cond. sate} %oil _____ %water 80 %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 117 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2532	PSI	5751	1200 ⁰⁰
(B) First Initial Flow Pressure	1017	PSI	(depth) 5117	Jars 250 ⁰⁰
(C) First Final Flow Pressure	1212	PSI	Recorder No. 11018	Safety Jt. 75 ⁰⁰
(D) Initial Shut-In Pressure	1855	PSI	(depth) 5157	Circ Sub _____
(E) Second Initial Flow Pressure	1059	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	1308	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	1851	PSI	Initial Opening 15	Ext. Packer _____
(Q) Final Hydrostatic Mud	2334	PSI	Initial Shut-In 60	Shale Packer _____

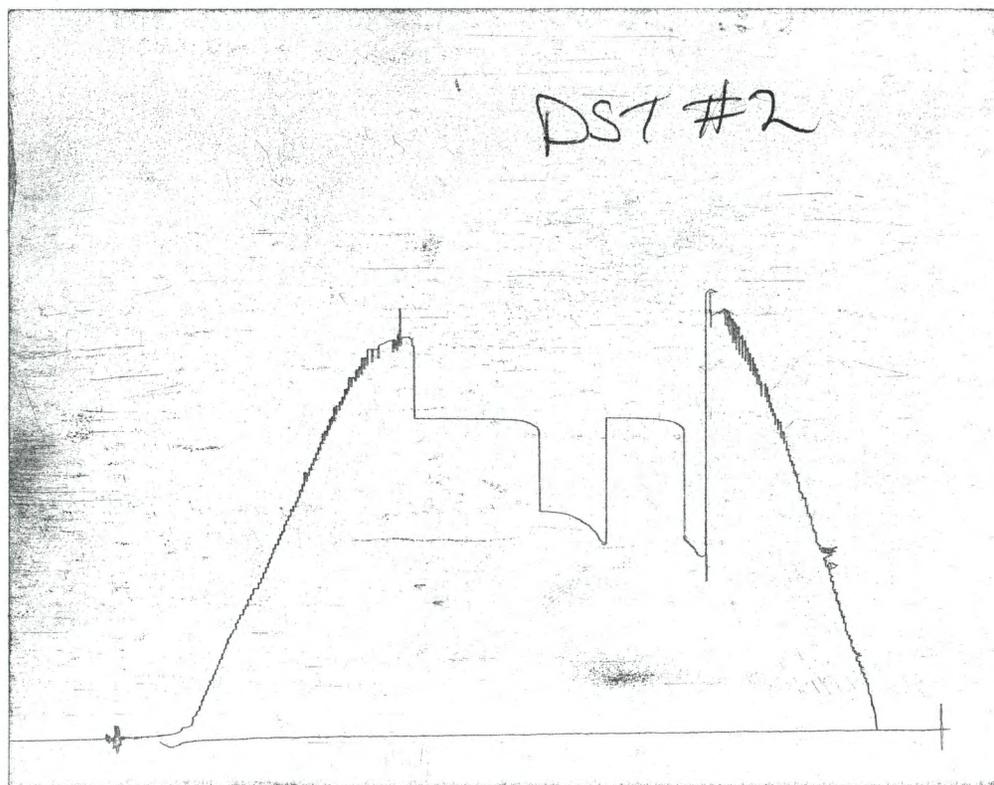
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Approved By Wes Hansen
 Our Representative [Signature]

Final Flow 60 Ruined Packer _____
 Final Shut-In 90 Mileage 36 32.50
 T-On Location 400 AM Sub Total: 1557.50
 T-Started 345 AM Std. By 12hr 200.00
 T-Open 630 PM Acc. Chg: _____
 T-Pulled 1015 PM Other: _____
 T-Out 200 AM Total: \$2357.50
 Total hours 22

CHART PAGE

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





TRILOBITE TESTING INC.

No. 24474

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. GAL #1-18 Test No. 3 Date 7/16/06
 Company Morlin Drilling Co. Inc. Zone Tested More Morrow
 Address 250 N. Water, Suite 300 Wichita KS 67207 Elevation 1912 KB 1901 GL
 Co. Rep / Geo. Wes Hansen Rig Morlin #2
 Location: Sec. 18 Twp. 32 Rge. 20 Co. Comanche State KS
 Comment: _____ Release date / time: _____

Interval Tested 5161 - 5189 Initial Str Wt./Lbs. 60K Unseated Str Wt./Lbs. 60K
 Anchor Length 28 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 61K
 Top Packer Depth 5156 Tool Weight 1800
 Bottom Packer Depth 5161 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5189 Wt. Pipe Run 0 Drill Collar Run 62
 Mud Wt. 9.1 LCM 2 Vis. 52 WL 11.2 Drill Pipe Size 4.5 x 4 Ft. Run 5091
 Blow Description IF - Strong blow BOB ASAO GTS 1m30s
ISI - Weak surface blow
FF - Strong, GTS, BOB, ASAO
FSI - Weak surface

Recovery - Total Feet 180 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 180 Feet of _____ %gas Trace %oil 90 %water 5 %mud
 Rec. _____ Feet of _____ %gas _____ %oil 90 %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 0.41 @ 78 °F Chlorides 1600 ppm Recovery 7500 Chlorides _____ ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2541 PSI	Recorder No.	6751	Test	1200 °C
(B) First Initial Flow Pressure			1325 PSI	(depth)		Jars	250 °C
(C) First Final Flow Pressure			1387 PSI	Recorder No.	11018	Safety Jt.	75 °C
(D) Initial Shut-In Pressure			1853 PSI	(depth)		Circ Sub	
(E) Second Initial Flow Pressure			1265 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			1444 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			1852 PSI	Initial Opening	15	Ext. Packer	
(Q) Final Hydrostatic Mud			2405 PSI	Initial Shut-In	300	Shale Packer	

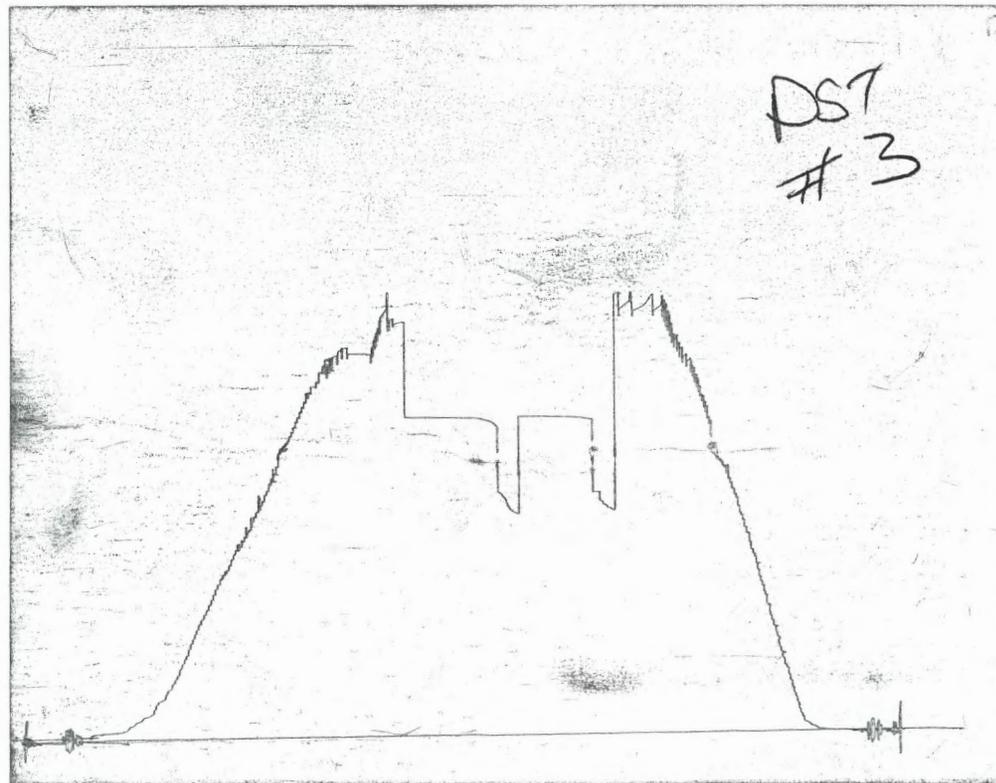
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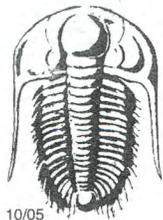
Approved By Wesley Hansen
 Our Representative Harley Davis

Final Flow _____
 Final Shut-In 60
 T-On Location 300 PM
 T-Started 400 PM
 T-Open 730 PM
 T-Pulled 1030 PM
 T-Out 230 AM
 Mileage 26 32.50
 Sub Total: 155750
 Std. By 15 75
 Acc. Chg: _____
 Other: _____
 Total: \$1632.50

CHART PAGE

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





TRILOBITE TESTING INC.

No 24475

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. GAI 1-18 Test No. 4 Date 7/17/06
 Company Moulin Drilling Co. Zone Tested _____
 Address 250 N Water, Suite 300 Wichita 67202 Elevation 1912 KB 1901 GL _____
 Co. Rep / Geo. Wes Hansen Rig Moulin #2
 Location: Sec. 18 Twp. 32 Rge. 20 Co. Comanche State KS
 Comment: _____ Release date / time: _____

Interval Tested ~~5400~~ - ~~5000~~ 5192-5221 Initial Str Wt./Lbs. 60K Unseated Str Wt/Lbs. 64K
 Anchor Length 29 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 64K
 Top Packer Depth 5187 Tool Weight 1800
 Bottom Packer Depth 5192 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5221 Wt. Pipe Run 0 Drill Collar Run 62
 Mud Wt. 9.2 LCM 2 Vis. 52 WL 11.7 Drill Pipe Size 4.5 X H Ft. Run 5122
 Blow Description good building blow, BOB 11 min No GTS
ISI - No blow back.
FI - weaker building BOB 20 min. No GTS
ESI - no blow back

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>1150</u>	Feet of _____	%gas _____ %oil _____	%water <u>95</u> %mud <u>5</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 _____

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 41 @ 78 °F Chlorides 16000 ppm Recovery _____ Chlorides 7500 ppm System

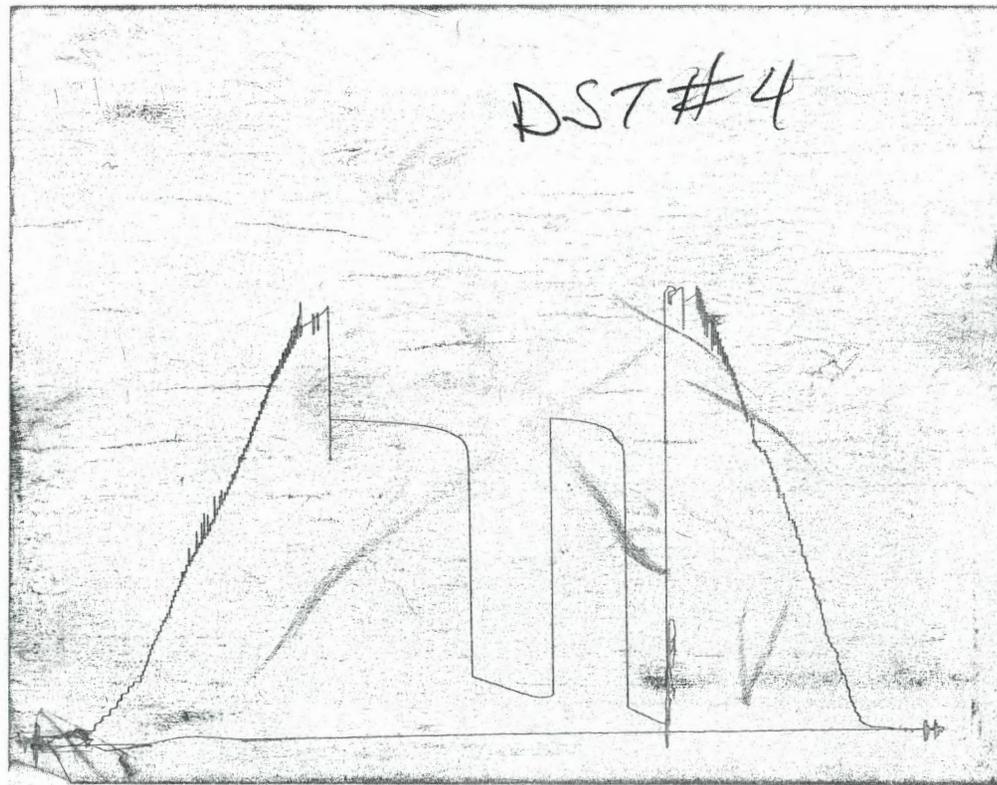
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2519</u>	PSI	<u>6571</u>	<u>1200⁰⁰</u>
(B) First Initial Flow Pressure	<u>28</u>	PSI (depth)		Jars <u>250⁰⁰</u>
(C) First Final Flow Pressure	<u>161</u>	PSI	<u>11018</u>	Safety Jt. <u>75⁰⁰</u>
(D) Initial Shut-In Pressure	<u>1837</u>	PSI (depth)		Circ Sub _____
(E) Second Initial Flow Pressure	<u>167</u>	PSI		Sampler _____
(F) Second Final Flow Pressure	<u>339</u>	PSI (depth)		Straddle _____
(G) Final Shut-In Pressure	<u>1842</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2441</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By Wesley Hansen T-Started 430 PM T-Open 630 PM T-Pulled 1030 PM T-Out 330 AM
 Our Representative Stanley D. [Signature] T-On Location 800 AM T-Started 430 PM T-Open 630 PM T-Pulled 1030 PM T-Out 330 AM
 Mileage 26 32.50 Sub Total: 1757.50 Std. By 2.5 125.00 Acc. Chg: _____ Other: _____ Total: 1882.50

CHART PAGE

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



DISTRIBUTION LIST FOR LOGS & DSTS
WELL NAME: GAL #1-18

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.

DaMar Resources, Inc.
P. O. Box 70
Hays, KS 67601-0070
Email: dschippers@eaglecom.net and clongpine@eaglecom.net

Phone: 785-625-0020
Fax: 785-625-0005
Copies: 1 set logs & dsts

L. D. Davis
R. R. 1, Box 183 B
Great Bend, KS 67530

Phone: 620-793-3051
Fax: 620-793-7237
Copies: 1-set logs & dsts

Etkind Oil, LLC
4429 Glenwood Hills Dr. NE
Albuquerque, NM 87111

Phone: 505-232-7000
Copies: 1 set logs & dsts
Email: setkind@cs.com

T. Warren Hall
3015 Thunderbird Ct.
Hays, KS 67601

Phone: 785-625-2722
Fax: none
Copies: 1 set logs & dsts
Email: warren67601@yahoo.com

Lanoco, LLC
Attn: Drew Landes
P. O. Box 6566
Tyler, TX 75711

Phone: 903-581-1112
Fax: 903-561-7758
Copies: 1 set logs & dst EMAIL LOGS
Email: dlandes@tyler.net

Marmik Oil Company
Attn: Curt Morrill
P. O. Box 898
El Dorado, AR 71731

Phone: 870-862-8546 ext. 104
Fax: 870-862-9931
Copies: 1 set logs & dsts EMAIL LOGS
Email: cgm@marmikoil.com

St. Anselm Exploration
1200 Seventeenth Street, Suite 2100
Denver, CO 80202
Attn: Mark Palmer Home: 303-733-2566
Email: amrzak@aol.com , and marksp@qwest.net

Phone: 303-298-9000
Fax: 303-298-1958
Copies: 4 sets logs & dsts EMAIL LOGS
Cell: 303-898-4778

Seamark Investments, Inc.
Ray Burke
129 Monarch Bay
Dane Point, CA 92629

Phone: 949-499-4348
Fax: 949-495-0138
Copies: 1 set logs & dsts

~~Paul Simpson
Box 362
Hays, KS 67601-0362~~

~~Phone: 800-728-5369
Fax: 785-625-5620
Copies: 1 set logs & dsts
Email: trilobite@eaglecom.net~~

Washoe Energy LLC
2121 30th Street, Suite #102
Boulder, CO 80301

Phone: 303-786-7557
Fax: 303-449-4424
Copies: 1 set logs & dsts
Email: geoff@amcorp.us

Whole Earth Energy LLC
P. O. Box 232
Ashland, OR 97520

Phone : 541-488-4664
Fax: 541-821-8483
Copies: 1 set logs & dsts
Email: earth2love@opendoor.com

DISTRIBUTION LIST FOR LOGS & DSTS

WELL NAME: GAL #1-18

Page two

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.

White Eagle Exploration, Inc.
621 17th Street, Ste 2635
Denver, CO 80293
Email: jcrouch@whiteeagleexploratio.com

Phone: 303-295-2080
Fax: 303-295-2079
Copies: 1 set logs & dsts

Murfin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202

Phone : 316-267-3241
Fax: 316-267-6004
Copies: 1 LAS disk, 8 sets logs
2 set dsts

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