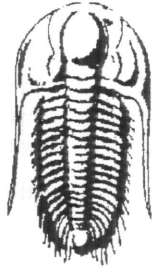


15-063-21627
25-12-31W



TRILOBITE
TESTING, INC.

KCC
JUL 21 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

25 12S 31W Gove KS

Abell Ranch #1-25

Start Date: 2006.07.02 @ 01:31:01

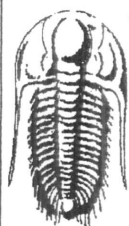
End Date: 2006.07.02 @ 10:02:45

Job Ticket #: 24257 DST #: 1

RECEIVED
JUL 24 2006
KCC WICHITA

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

Murfin Drilling Co Inc
Abell Ranch #1-25
25 12S 31W Gove KS
DST # 1
Toronto/Lansing 35
2006.07.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Abell Ranch #1-25

25 12S 31W Gove KS

Job Ticket: 24257

DST#: 1

Test Start: 2006.07.02 @ 01:31:01

GENERAL INFORMATION:

Formation: **Toronto/Lansing 35**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:00

Time Test Ended: 10:02:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **3877.00 ft (KB) To 3970.00 ft (KB) (TVD)**

Total Depth: 3970.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2873.00 ft (KB)

2868.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: 86.65 psig @ 3881.00 ft (KB)

Start Date: 2006.07.02

End Date:

2006.07.02

Start Time: 01:31:01

End Time:

10:02:45

Capacity: 7000.00 psig

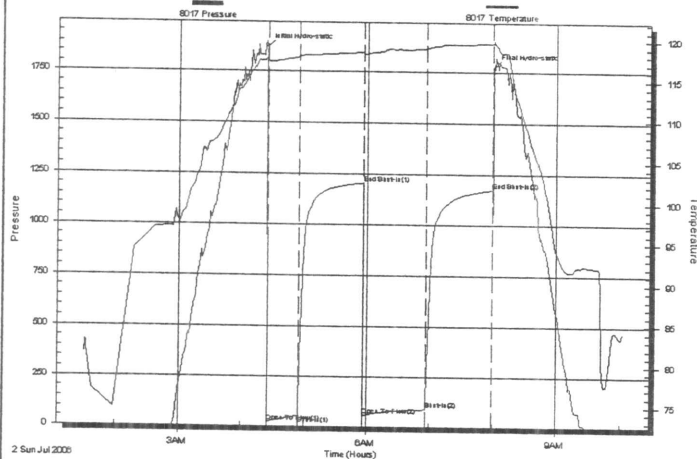
Last Calib.: 2006.07.02

Time On Btm: 2006.07.02 @ 04:24:30

Time Off Btm: 2006.07.02 @ 08:00:30

TEST COMMENT: IF Surface blow built to 1 1/2 "
ISI No return
FF Surface blow @ 50 min
FSI No return

Pressure vs. Time



PRESSURE SUMMARY

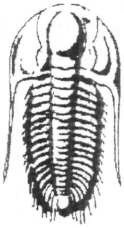
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1870.78	117.83	Initial Hydro-static
1	20.12	117.40	Open To Flow (1)
31	51.81	117.88	Shut-In(1)
92	1202.87	118.54	End Shut-In(1)
92	53.73	117.98	Open To Flow (2)
152	86.65	118.96	Shut-In(2)
215	1172.94	119.64	End Shut-In(2)
216	1774.34	120.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM 20%W 80%M	0.30
100.00	M 100%M	0.81

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24257

DST#: 1

ATTN: Rocky Milford

Test Start: 2006.07.02 @ 01:31:01

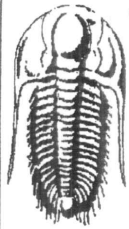
Tool Information

Drill Pipe:	Length: 3729.00 ft	Diameter: 3.80 inches	Volume: 52.31 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: 28000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 52.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3877.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	121.00 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			3850.00	
Shut In Tool	5.00			3855.00	
Hydraulic tool	5.00			3860.00	
Jars	5.00			3865.00	
Safety Joint	3.00			3868.00	
Packer	5.00			3873.00	28.00 Bottom Of Top Packer
Packer	4.00			3877.00	
Stubb	1.00			3878.00	
Perforations	3.00			3881.00	
Recorder	0.00	8017	Inside	3881.00	
Perforations	20.00			3901.00	
Change Over Sub	1.00			3902.00	
Drill Pipe	62.00			3964.00	
Change Over Sub	1.00			3965.00	
Recorder	0.00	13276	Inside	3965.00	
Bullnose	5.00			3970.00	93.00 Bottom Packers & Anchor
Total Tool Length:	121.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24257

DST#: 1

ATTN: Rocky Milford

Test Start: 2006.07.02 @ 01:31:01

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:	18500 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.55 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WCM 20%W 80%M	0.295
100.00	M 100%M	0.811

Total Length: 160.00 ft Total Volume: 1.106 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW; .325 @ 80 degree F = 18500 chlorides.

DST Test Number: 1

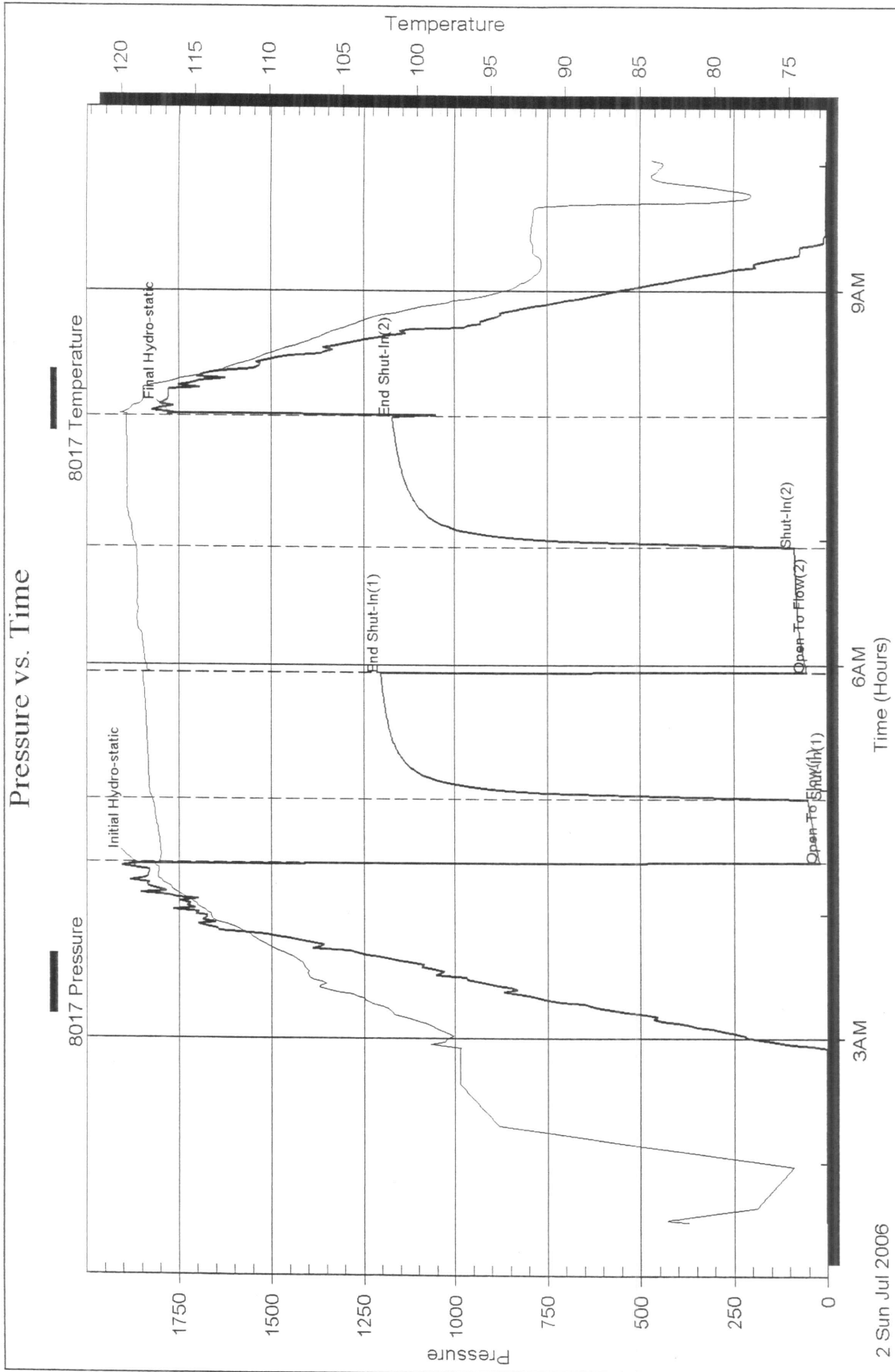
25 12S 31W Gove KS

Murfin Drilling Co Inc

Inside

Serial #: 8017

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

25 12S 31W Gove KS

Abell Ranch #1-25

Start Date: 2006.07.03 @ 00:03:01

End Date: 2006.07.03 @ 09:11:45

Job Ticket #: 24258 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Co Inc

Abell Ranch #1-25

25 12S 31W Gove KS

DST # 2

L/KC "C-G"

2006.07.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24258

DST#: 2

ATTN: Rocky Milford

Test Start: 2006.07.03 @ 00:03:01

Tool Information

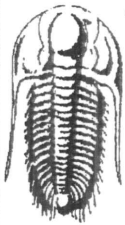
Drill Pipe:	Length: 3855.00 ft	Diameter: 3.80 inches	Volume: 54.08 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
		Total Volume:	54.69 bbl	Tool Chased: 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3970.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	90.00 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			3951.00	
Shut In Tool	5.00			3956.00	
Hydraulic tool	5.00			3961.00	
Packer	5.00			3966.00	20.00 Bottom Of Top Packer
Packer	4.00			3970.00	
Stubb	1.00			3971.00	
Perforations	2.00			3973.00	
Recorder	0.00	8017	Inside	3973.00	
Perforations	29.00			4002.00	
Change Over Sub	1.00			4003.00	
Drill Pipe	31.00			4034.00	
Change Over Sub	1.00			4035.00	
Recorder	0.00	13276	Inside	4035.00	
Bullnose	5.00			4040.00	70.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24258

DST#: 2

ATTN: Rocky Milford

Test Start: 2006.07.03 @ 00:03:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 6.76 in³

Resistivity: 0.00 ohm.m

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 0 deg API

Water Salinity: 52000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	M 100%M	0.443
340.00	MCW 10%M 90%W	4.450
82.00	MCW 50%M 50%W	1.150

Total Length: 512.00 ft Total Volume: 6.043 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW; .145 @ 72 degrees F = 52000 chlorides.
Scum of oil in 82 feet.

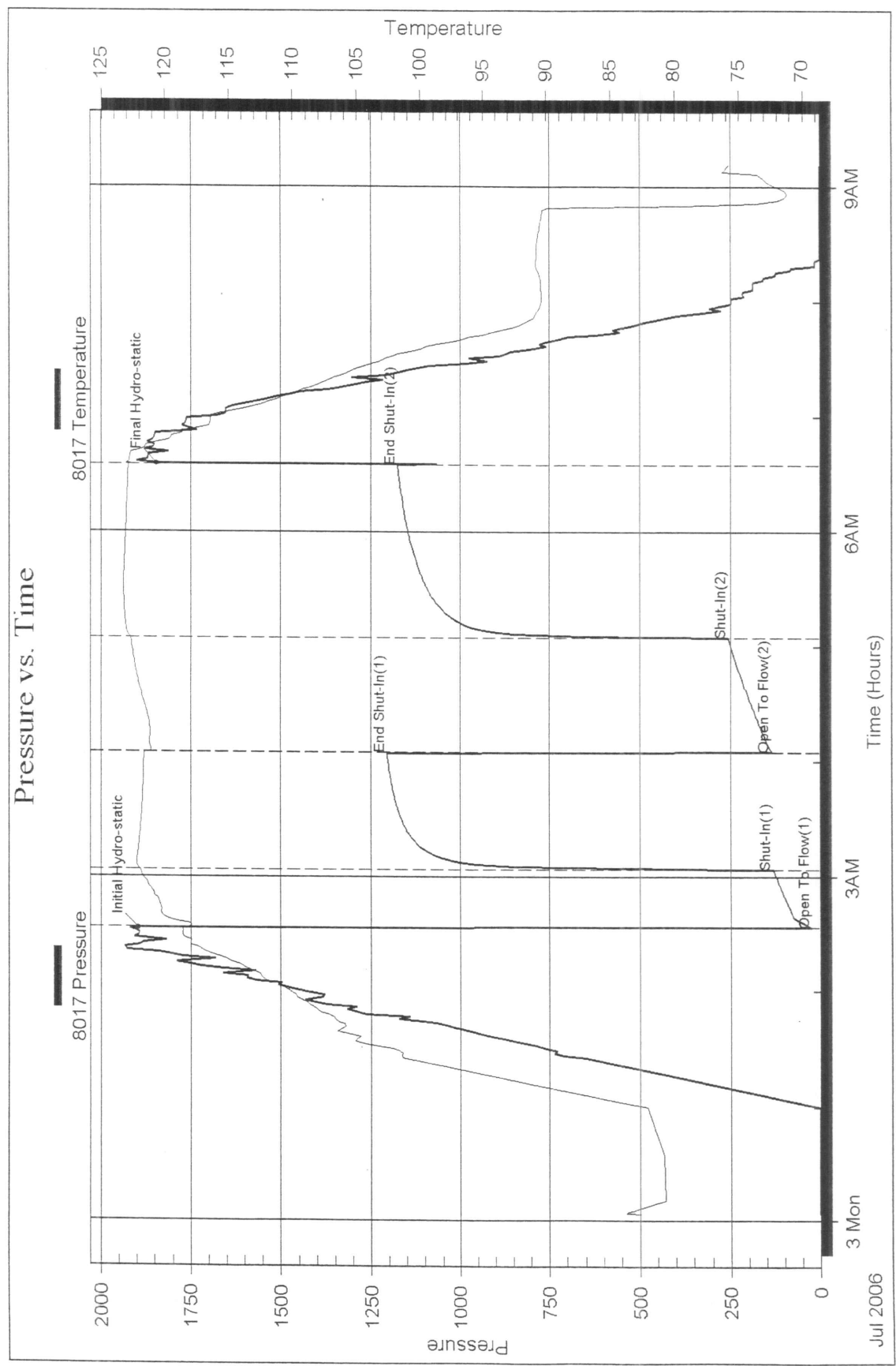
DST Test Number: 2

25 12S 31W Gove KS

Murfin Drilling Co Inc

Inside

Serial #: 8017



25-12-31w



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

25 12S 31W Gove KS

Abell Ranch #1-25

Start Date: 2006.07.04 @ 02:05:01

End Date: 2006.07.04 @ 10:58:15

Job Ticket #: 24259 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Co Inc

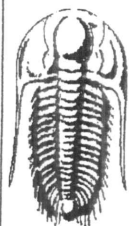
Abell Ranch #1-25

25 12S 31W Gove KS

DST # 3

L/KC "G Prime-K

2006.07.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Abell Ranch #1-25

25 12S 31W Gove KS

Job Ticket: 24259

DST#: 3

Test Start: 2006.07.04 @ 02:05:01

GENERAL INFORMATION:

Formation: **L/KC "G Prime- K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:25:45
 Time Test Ended: 10:58:15

Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 18

Interval: **4057.00 ft (KB) To 4175.00 ft (KB) (TVD)**
 Total Depth: 4175.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2873.00 ft (KB)
 2868.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: 169.80 psig @ 4060.00 ft (KB)

Start Date: 2006.07.04

End Date:

2006.07.04

Start Time: 02:05:01

End Time:

10:58:15

Capacity: 7000.00 psig

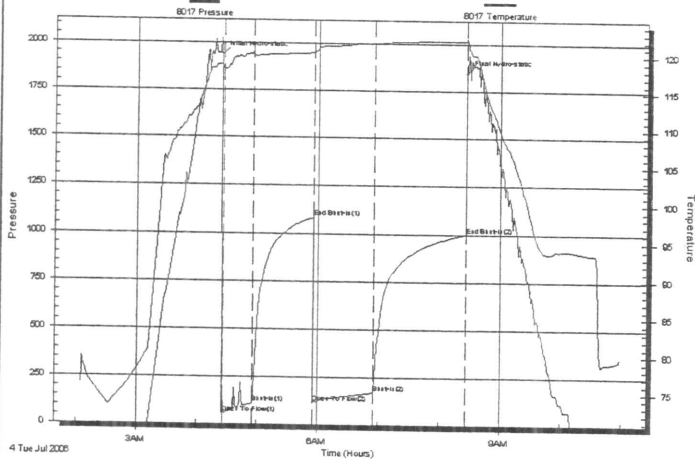
Last Calib.: 2006.07.04

Time On Btm: 2006.07.04 @ 04:24:30

Time Off Btm: 2006.07.04 @ 08:26:30

TEST COMMENT: IF Surface blow built to 8"
 ISI No return
 FF Surface blow built to 2+"
 FSI No return

Pressure vs. Time



PRESSURE SUMMARY

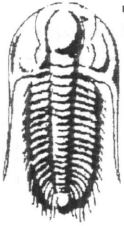
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1937.90	118.90	Initial Hydro-static
2	55.15	118.20	Open To Flow (1)
31	108.79	120.34	Shut-In(1)
91	1081.44	120.38	End Shut-In(1)
92	112.80	120.39	Open To Flow (2)
151	169.80	121.63	Shut-In(2)
242	999.45	122.06	End Shut-In(2)
242	1844.42	122.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	WCM 50%W 50%M	0.61
191.00	M 100%M	2.67

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24259

DST#: 3

ATTN: Rocky Milford

Test Start: 2006.07.04 @ 02:05:01

Tool Information

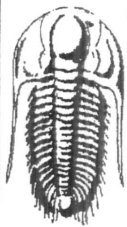
Drill Pipe:	Length: 3918.00 ft	Diameter: 3.80 inches	Volume: 54.96 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 55.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4057.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	118.00 ft			
Tool Length:	138.00 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			4038.00	
Shut In Tool	5.00			4043.00	
Hydraulic tool	5.00			4048.00	
Packer	5.00			4053.00	20.00 Bottom Of Top Packer
Packer	4.00			4057.00	
Stubb	1.00			4058.00	
Perforations	2.00			4060.00	
Recorder	0.00	8017	Inside	4060.00	
Perforations	14.00			4074.00	
Change Over Sub	1.00			4075.00	
Drill Pipe	94.00			4169.00	
Change Over Sub	1.00			4170.00	
Recorder	0.00	13276	Inside	4170.00	
Bullnose	5.00			4175.00	118.00 Bottom Packers & Anchor

Total Tool Length: 138.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Rocky Milford

Abell Ranch #1-25
25 12S 31W Gove KS
Job Ticket: 24259 DST#: 3
Test Start: 2006.07.04 @ 02:05:01

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: 22000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	WCM 50%W 50%M	0.610
191.00	M 100%M	2.670

Total Length: 315.00 ft Total Volume: 3.280 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW; .270 @ 78 degree F = 22000 chlorides.
Spots of oil seen in tool and 191 feet of mud.

DST Test Number: 3

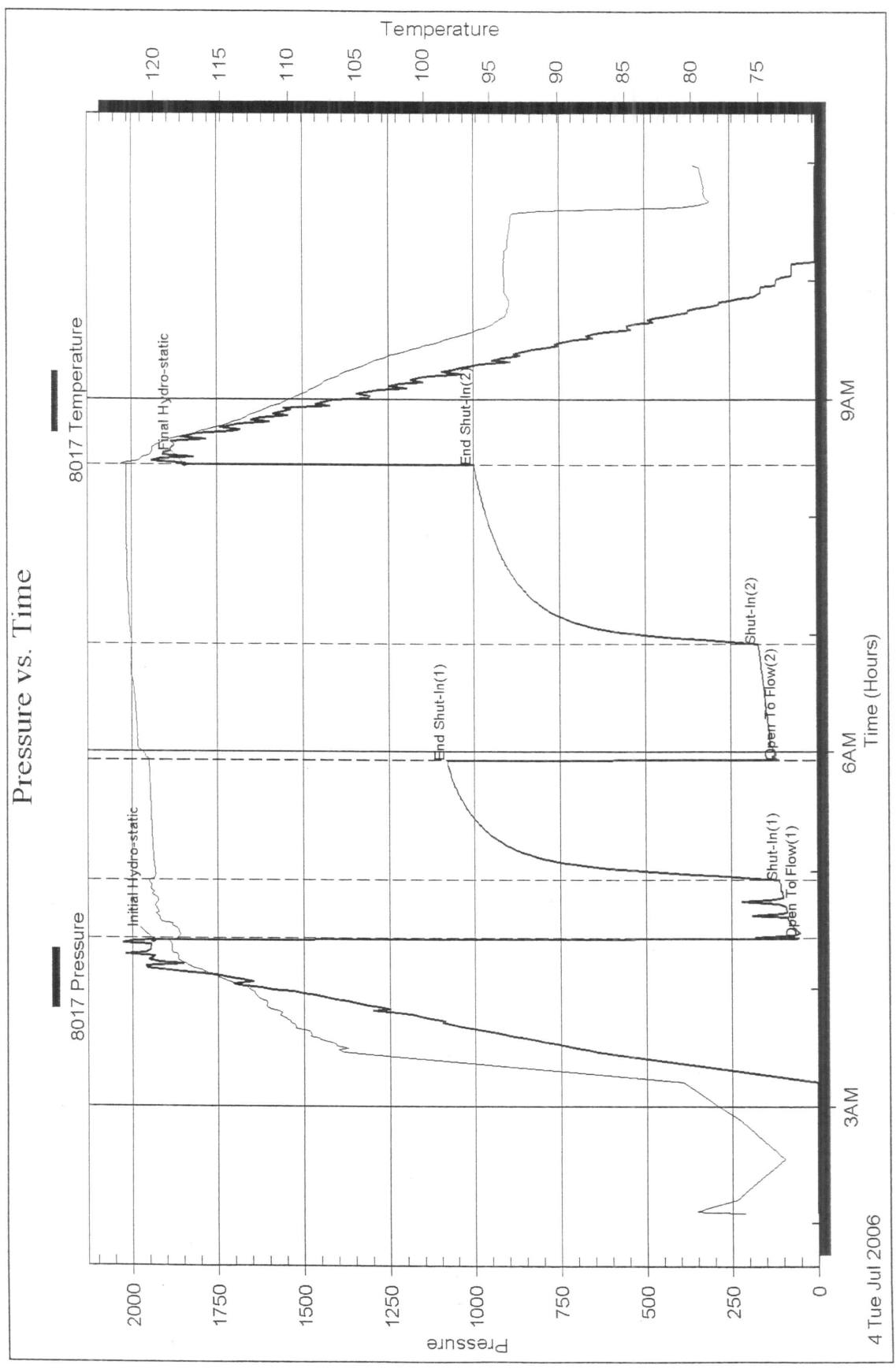
25 12S 31W Gove KS

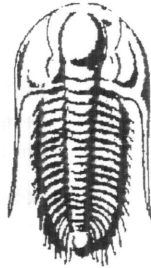
Murfin Drilling Co Inc

Inside

Serial #: 8017

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

25 12S 31W Gove KS

Abell Ranch #1-25

Start Date: 2006.07.05 @ 18:24:01

End Date: 2006.07.06 @ 03:26:15

Job Ticket #: 24261 DST #: 4

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

Murfin Drilling Co Inc

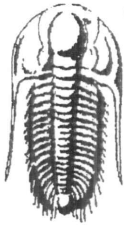
Abell Ranch #1-25

25 12S 31W Gove KS

DST # 4

Myric Station-Johnso

2006.07.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Abell Ranch #1-25

25 12S 31W Gove KS

Job Ticket: 24261

DST#: 4

Test Start: 2006.07.05 @ 18:24:01

GENERAL INFORMATION:

Formation: **Myric Station-Johnso**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:49:15

Time Test Ended: 03:26:15

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **4355.00 ft (KB) To 4482.00 ft (KB) (TVD)**

Total Depth: 4482.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2873.00 ft (KB)

2868.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: 69.22 psig @ 4358.00 ft (KB)

Start Date: 2006.07.05

End Date: 2006.07.06

Capacity: 7000.00 psig

Start Time: 18:24:01

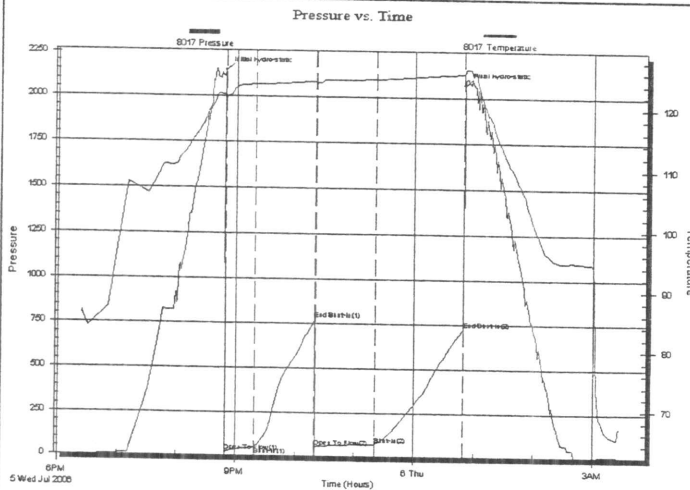
End Time: 03:26:15

Last Calib.: 2006.07.06

Time On Btm: 2006.07.05 @ 20:49:00

Time Off Btm: 2006.07.06 @ 00:50:45

TEST COMMENT: IF Surface blow built to <3 "
ISI No return
FF Surface blow @ 33 min
FSI No return



PRESSURE SUMMARY

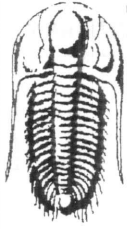
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.05	122.52	Initial Hydro-static
1	19.82	121.49	Open To Flow (1)
31	47.31	123.95	Shut-In(1)
91	771.08	124.50	End Shut-In(1)
92	53.64	124.29	Open To Flow (2)
152	69.22	124.92	Shut-In(2)
242	726.99	125.88	End Shut-In(2)
242	2072.33	126.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GHOCM 10%G 30%O 60%M	0.61
2.00	GOCM 10%G 40%O 50%M	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24261

DST#: 4

ATTN: Rocky Milford

Test Start: 2006.07.05 @ 18:24:01

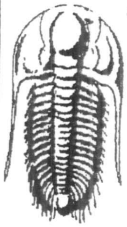
Tool Information

Drill Pipe:	Length: 4229.00 ft	Diameter: 3.80 inches	Volume: 59.32 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: 29000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 59.93 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4355.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	127.00 ft			
Tool Length:	146.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4341.00	
Hydraulic tool	5.00			4346.00	
Packer	5.00			4351.00	19.00 Bottom Of Top Packer
Packer	4.00			4355.00	
Stubb	1.00			4356.00	
Perforations	2.00			4358.00	
Recorder	0.00	8017	Inside	4358.00	
Perforations	24.00			4382.00	
Change Over Sub	1.00			4383.00	
Anchor	93.00			4476.00	
Change Over Sub	1.00			4477.00	
Recorder	0.00	13276	Inside	4477.00	
Bullnose	5.00			4482.00	127.00 Bottom Packers & Anchor

Total Tool Length: 146.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24261

DST#: 4

ATTN: Rocky Milford

Test Start: 2006.07.05 @ 18:24:01

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: 7.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GHOCM 10%G 30%O 60%M	0.615
2.00	GOCM 10%G 40%O 50%M	0.028

Total Length: 127.00 ft Total Volume: 0.643 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

DST Test Number: 4

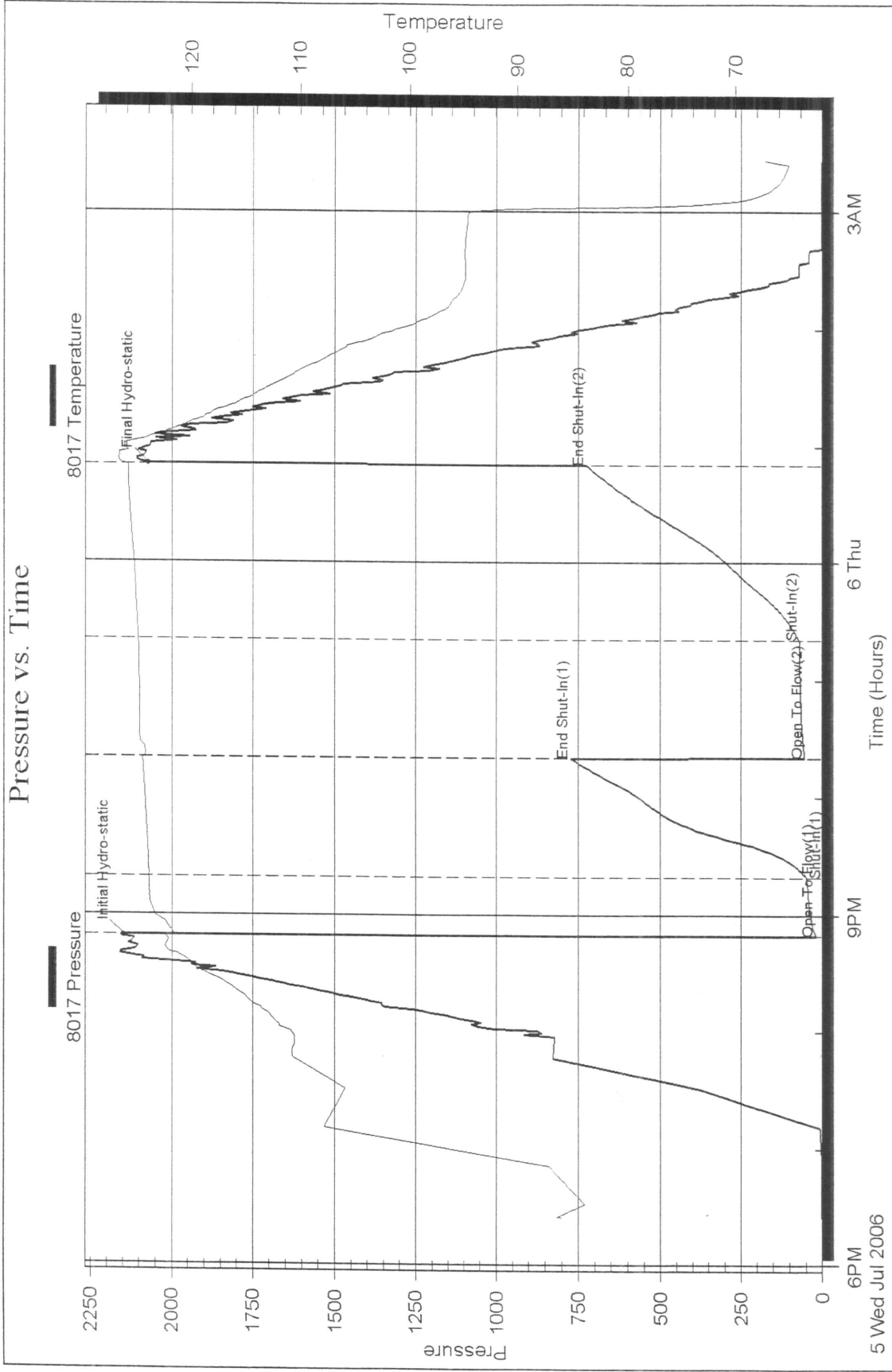
25 12S31W Gove KS

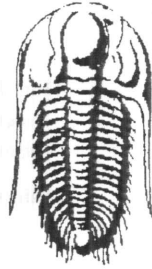
Murfin Drilling Co Inc

Inside

Serial #: 8017

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

25 12S 31W Gove KS

Abell Ranch #1-25

Start Date: 2006.07.06 @ 11:58:01

End Date: 2006.07.06 @ 21:19:00

Job Ticket #: 24262 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Co Inc

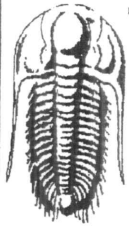
Abell Ranch #1-25

25 12S 31W Gove KS

DST # 5

Mississippian

2006.07.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Abell Ranch #1-25

25 12S 31W Gove KS

Job Ticket: 24262

DST#: 5

Test Start: 2006.07.06 @ 11:58:01

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:11:15

Time Test Ended: 21:19:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **4494.00 ft (KB) To 4511.00 ft (KB) (TVD)**

Total Depth: 4511.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2873.00 ft (KB)

2868.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: 134.37 psig @ 4497.00 ft (KB)

Start Date: 2006.07.06

End Date:

2006.07.06

Start Time: 11:58:01

End Time:

21:19:00

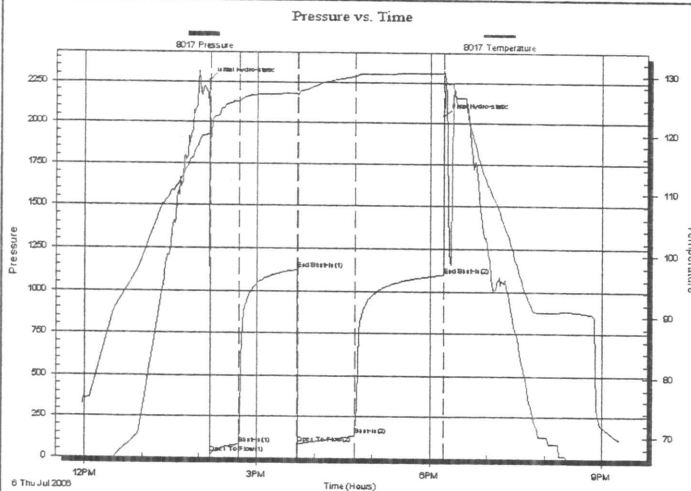
Capacity: 7000.00 psig

Last Calib.: 2006.07.06

Time On Btm: 2006.07.06 @ 14:11:00

Time Off Btm: 2006.07.06 @ 18:14:45

TEST COMMENT: IF Surface blow built to 7 1/4 "
ISI Weak surface return died @ 25 min
FF Surface blow built to B.O.B. @ 58 min
FSI Weak surface return died @ 27 min



PRESSURE SUMMARY

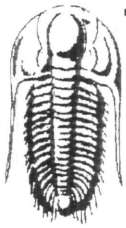
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.23	120.03	Initial Hydro-static
1	19.57	118.93	Open To Flow (1)
31	79.43	125.52	Shut-In(1)
91	1123.61	126.95	End Shut-In(1)
92	84.69	126.67	Open To Flow (2)
152	134.37	129.80	Shut-In(2)
244	1097.82	130.39	End Shut-In(2)
244	2043.52	130.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCW 10%M 90%W	0.61
62.00	VSOMCW 5%O 40%M 55%W	0.86
31.00	MCO 50%M 50%O	0.43
62.00	GO 10%G 90%O	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Abell Ranch #1-25

25 12S 31W Gove KS

Job Ticket: 24262

DST#: 5

Test Start: 2006.07.06 @ 11:58:01

Tool Information

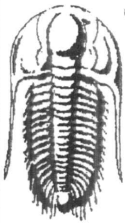
Drill Pipe:	Length: 4384.00 ft	Diameter: 3.80 inches	Volume: 61.50 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 62.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	4494.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 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			4475.00	
Shut In Tool	5.00			4480.00	
Hydraulic tool	5.00			4485.00	
Packer	5.00			4490.00	20.00 Bottom Of Top Packer
Packer	4.00			4494.00	
Stubb	1.00			4495.00	
Perforations	2.00			4497.00	
Recorder	0.00	8017	Inside	4497.00	
Perforations	9.00			4506.00	
Recorder	0.00	13276	Inside	4506.00	
Bullnose	5.00			4511.00	17.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Abell Ranch #1-25

250 N Water Ste 300
Wichita KS 67202

25 12S 31W Gove KS

Job Ticket: 24262

DST#: 5

ATTN: Rocky Milford

Test Start: 2006.07.06 @ 11:58:01

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:

12000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MCW 10%M 90%W	0.610
62.00	VSOMCW 5%O 40%M 55%W	0.861
31.00	MCO 50%M 50%O	0.435
62.00	GO 10%G 90%O	0.870

Total Length: 279.00 ft Total Volume: 2.776 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API; 30 @ 80 degree F = 28.

RW; .501 @ 75 degree F = 12000.

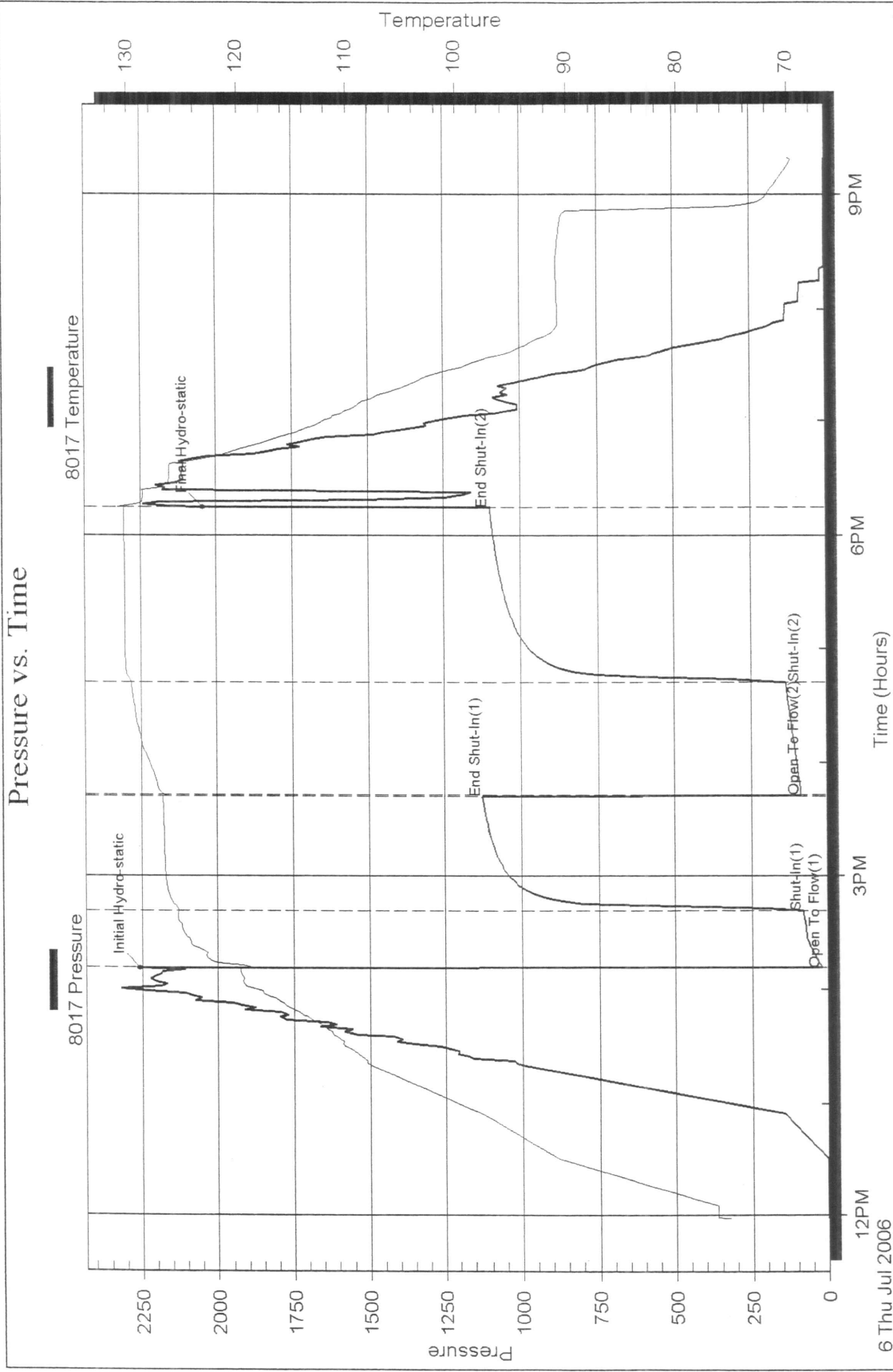
DST Test Number: 5

25 12S 31W Gove KS

Murfin Drilling Co Inc

Inside

Serial #: 8017





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8964

No 24257

Test Ticket

Well Name & No. Abell Ranch #1-25 Test No. 1 Date 7-1-06
 Company Murfin Drilling Co., Inc. Zone Tested Toronto Lansing 35
 Address 250 N. Water Ste. 300 Wichita, KS 67202 Elevation 2873 KB 2868 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin #24
 Location: Sec. 25 Twp. 12s Rge. 31w Co. GOVE State KS
 Comment: _____ Release date / time: _____

Interval Tested 3877 to 3970 Initial Str Wt./Lbs. 49,000 Unseated Str Wt./Lbs. _____
 Anchor Length 93 Wt. Set Lbs. 28,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3873 Tool Weight 1,800
 Bottom Packer Depth 3877 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3970 Wt. Pipe Run 0 Drill Collar Run 125
 Mud Wt. 8.9 LCM Trace Vis. 54 WL 7.6 Drill Pipe Size 4 1/2 XH Ft. Run 3,729

Blow Description IF: Surface blow built to 1 1/2"
ISI: No return.
FF: Surface blow @ 50 min.
FSI: No return.

Recovery - Total Feet 160 GIP 0 Ft. in DC 125 Ft. in DP 35
 Rec. 98 Feet of Mud %gas _____ %oil _____ %water 100 %mud _____
 Rec. 62 Feet of WCM %gas _____ %oil 20 %water 80 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 120 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .325 @ 80 °F Chlorides 18,500 ppm Recovery 18,500 Chlorides 1,000 ppm System

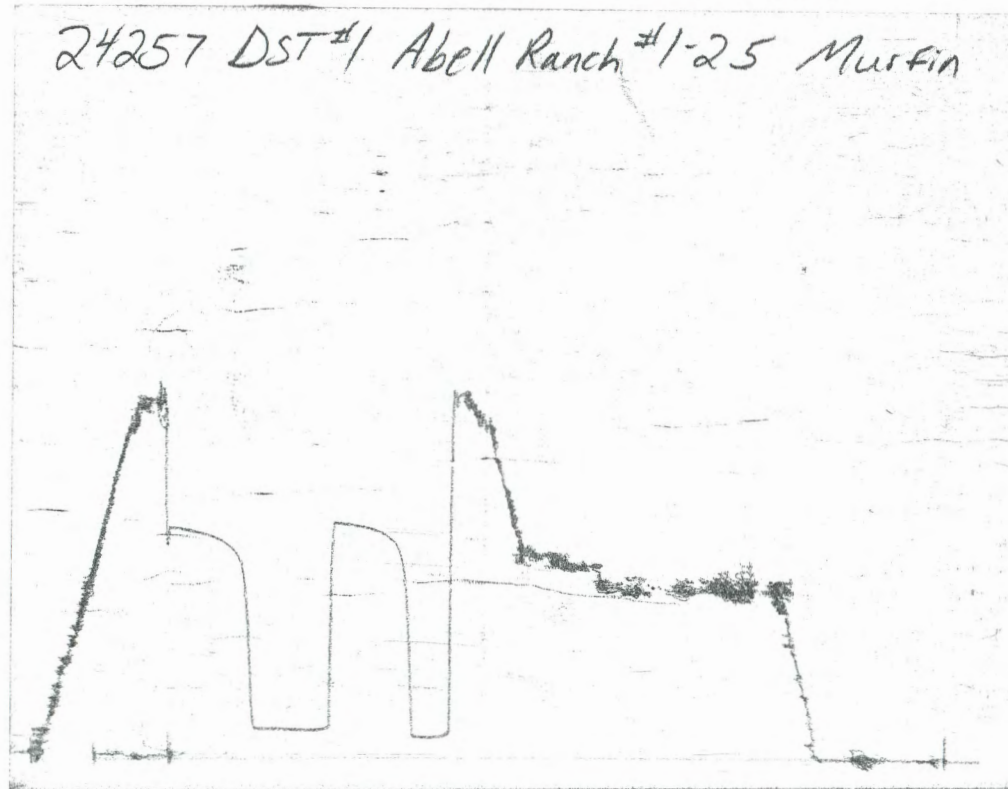
	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>1,906</u>	PSI	<u>8017</u>	<u>1000⁰⁰</u>
(B) First Initial Flow Pressure	<u>20</u>	PSI	(depth) <u>3881</u>	Jars <u>X</u> <u>250⁰⁰</u>
(C) First Final Flow Pressure	<u>52</u>	PSI	Recorder No. <u>13276</u>	Safety Jt. <u>X</u> <u>75⁰⁰</u>
(D) Initial Shut-In Pressure	<u>1,203</u>	PSI	(depth) <u>3965</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>54</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>87</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,173</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,823</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>90RT</u> <u>112.50</u>
			T-On Location <u>23:47pm</u>	Sub Total: <u>1437.50</u>
			T-Started <u>01:31 am</u>	Std. By <u>X225</u> <u>112.50</u>
			T-Open <u>04:25 am</u>	Acc. Chg: _____
			T-Pulled <u>07:59am</u>	Other: _____
			T-Out <u>10:03am</u>	Total: <u>\$1550</u>

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 Rocky Milford
 Our Representative Chuck Smith

CHART PAGE

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





TRILOBITE TESTING INC.

No 24258

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Abell Ranch #1-25 Test No. 2 Date 7-2-06
 Company Murfin Drilling Co., Inc. Zone Tested L/KC "C-G"
 Address 250 N. Water Ste. 300 Wichita, KS 67202 Elevation 2,873 KB 2,868 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin #24
 Location: Sec. 25 Twp. 12s Rge. 31w Co. Gove State KS
 Comment: _____ Release date / time: _____

Interval Tested 3970 to 4040 Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 51,000
 Anchor Length 70 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 3966 Tool Weight 1,500
 Bottom Packer Depth 3970 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4040 Wt. Pipe Run 0 Drill Collar Run 125
 Mud Wt. 9.1 LCM Trace Vis. 52 WL 6.8 Drill Pipe Size 4 1/2 X H Ft. Run 3855

Blow Description IF: B.O.B. @ 20 1/2 min.
ISI: No return
FF: B.O.B. @ 53 min.
FSI: No return

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>512</u>	<u>0</u>	<u>125</u>	<u>387</u>
Rec. <u>82</u> Feet of <u>MCW Scum of oil</u> %gas _____ %oil <u>50</u> %water <u>50</u> %mud _____			
Rec. <u>340</u> Feet of <u>MCW</u> %gas _____ %oil <u>90</u> %water <u>10</u> %mud _____			
Rec. <u>90</u> Feet of <u>M</u> %gas _____ %oil _____ %water <u>100</u> %mud _____			
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____			
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____			
BHT <u>123</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW <u>.145</u> @ <u>72</u> °F Chlorides <u>52,000</u> ppm Recovery <u>52,000</u> Chlorides <u>1,800</u> ppm System			

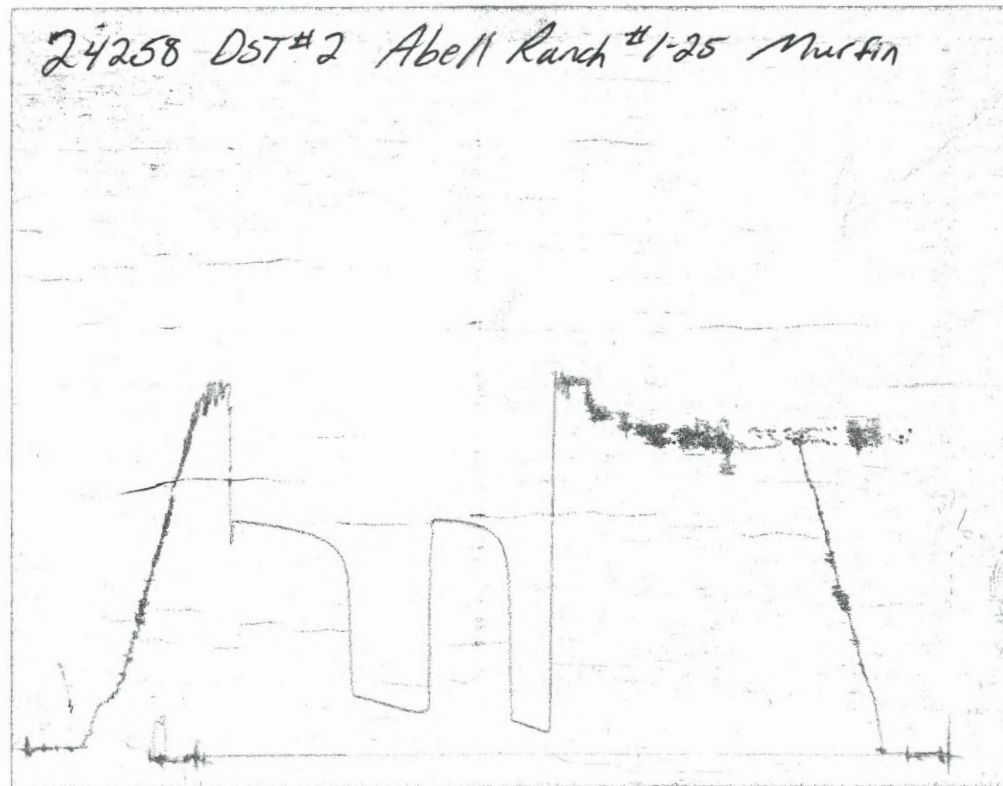
AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>1,940</u> PSI	<u>8017</u>	<u>1,100⁰⁰</u>
(B) First Initial Flow Pressure	<u>25</u> PSI	(depth) <u>3,973</u>	Jars _____
(C) First Final Flow Pressure	<u>132</u> PSI	Recorder No. <u>13276</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1,206</u> PSI	(depth) <u>4,035</u>	Circ Sub <u>X</u> <u>NIC</u>
(E) Second Initial Flow Pressure	<u>136</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>257</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,177</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,921</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
		Final Flow <u>60</u>	Ruined Packer _____
		Final Shut-In <u>90</u>	Mileage <u>90</u> <u>112.50</u>
		T-On Location <u>20:35pm</u>	Sub Total: <u>1212.50</u>
		T-Started <u>00:03am</u>	Std. By <u>3.75</u> <u>187.50</u>
		T-Open <u>02:33am</u>	Acc. Chg: _____
		T-Pulled <u>06:34am</u>	Other: _____
		T-Out <u>09:12am</u>	Total: <u>\$1400.00</u>

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Approved By Robert Milford
 Our Representative Chuck Smith

CHART PAGE

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





TRILOBITE TESTING INC.

No 24259

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Abell Ranch #1-25 Test No. 3 Date 7-4-06
 Company Mufin Drilling Co., Inc. Zone Tested L/KC G Prime-K
 Address 250 N. Water Stc. 300 Wichita, Ks 67202 Elevation 2873 KB 2868 GL
 Co. Rep / Geo. Rocky Milford Rig Mufin 24
 Location: Sec. 25 Twp. 12s Rge. 31w Co. Gove State KS
 Comment: _____ Release date / time: _____

Interval Tested 4057 to 4175 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 51,000
 Anchor Length 118 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 4053 Tool Weight 1,500
 Bottom Packer Depth 4057 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4175 Wt. Pipe Run 0 Drill Collar Run 125
 Mud Wt. 9.0 LCM trace Vis. 51 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3,910

Blow Description IF: Surface blow built to 8". Note: 8-10 min. of plugging.
ISI: No return.
FF: Surface blow built to +2".
FSI: No return

Recovery - Total Feet 315 GIP 0 Ft. in DC 125 Ft. in DP 190
 Rec. 191 Feet of M spots of oil %gas _____ %oil _____ %water 100 %mud _____
 Rec. 124 Feet of WCM %gas _____ %oil _____ %water 50 %mud 50
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 122 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .270 @ 78 °F Chlorides 22000 ppm Recovery 22000 Chlorides 1,800 ppm System

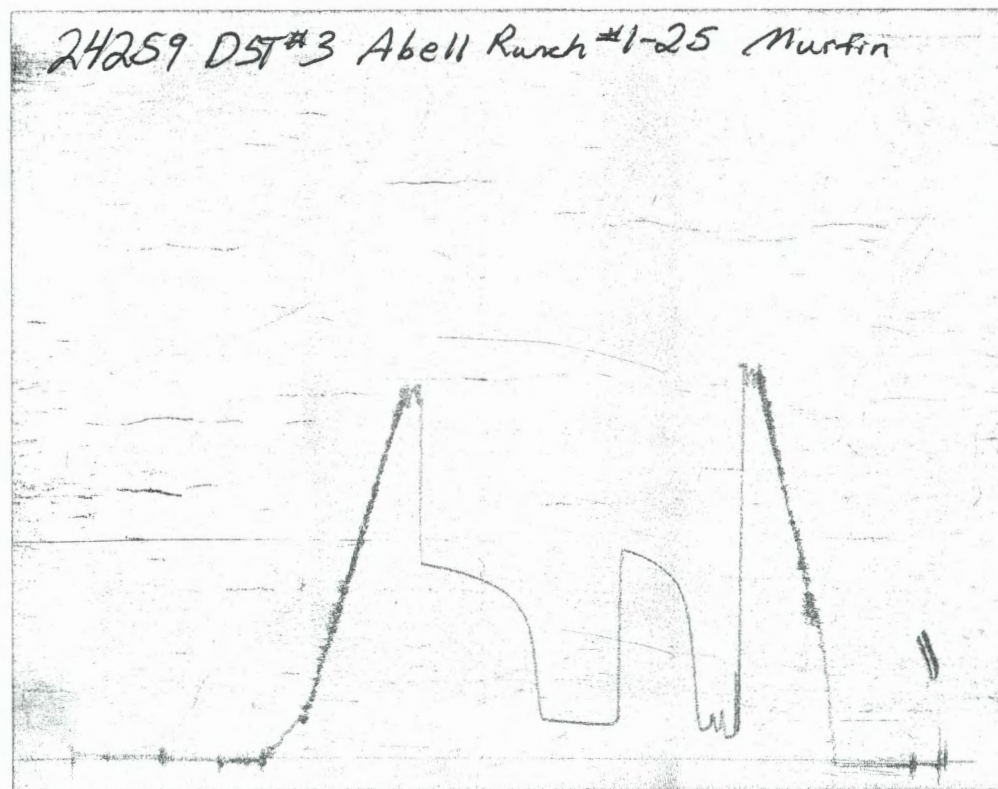
	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud		<u>2,033</u> PSI	<u>8017</u>	<u>1,100⁰⁰</u>
(B) First Initial Flow Pressure		<u>55</u> PSI	(depth) <u>4,060</u>	Jars _____
(C) First Final Flow Pressure		<u>109</u> PSI	Recorder No. <u>13276</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>1,081</u> PSI	(depth) <u>4,170</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure		<u>113</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>170</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>999</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1,978</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>90</u>	Mileage <u>90</u> <u>112.50</u>
			T-On Location <u>01:04am</u>	Sub Total: <u>1212.50</u>
			T-Started <u>02:05am</u>	Std. By <u>X/hr</u> <u>50.00</u>
			T-Open <u>04:25am</u>	Acc. Chg: _____
			T-Pulled <u>08:37am</u>	Other: _____
			T-Out <u>10:59am</u>	Total: <u>1262.50</u>

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 Rocky Milford
 Our Representative Chick Smith

CHART PAGE

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





TRILOBITE TESTING INC.

No 24261

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Abell Ranch #1-25 Test No. 4 Date 7-5-06
 Company Murfin Drilling Co., Inc. Zone Tested Myrie / Johnson
 Address 250 N. Water Ste. 300 Wichita, KS 67202 Elevation 2873 KB 2868 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin #24
 Location: Sec. 25 Twp. 12S Rge. 31W Co. GOVE State KS
 Comment: _____ Release date / time: _____

Interval Tested 4355 to 4482 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 51,000
 Anchor Length 127 Wt. Set Lbs. 29,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4351 Tool Weight 1,500
 Bottom Packer Depth 4355 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4482 Wt. Pipe Run 0 Drill Collar Run 125
 Mud Wt. 9.2 LCM 1/2 Vis. 50 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 4,229

Blow Description IF: Surface blow built to < 3"
ISI: No return.
FF: Surface blow @ 33 min.
FSI: No return.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>127</u>	<u>0</u>	<u>125</u>	<u>2</u>
Rec. <u>2</u> Feet of <u>GOCM</u>	<u>10</u> %gas	<u>40</u> %oil	<u>50</u> %water
Rec. <u>125</u> Feet of <u>GHOCM</u>	<u>10</u> %gas	<u>30</u> %oil	<u>60</u> %water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water

BHT 126 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3,600 ppm System

	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2,195</u> PSI		<u>8017</u>	<u>4100⁰⁰</u>
(B) First Initial Flow Pressure	<u>20</u> PSI		(depth) <u>4,358</u>	Jars _____
(C) First Final Flow Pressure	<u>47</u> PSI		Recorder No. <u>13276</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>771</u> PSI		(depth) <u>4,477</u>	Circ Sub <u>X</u> <u>N/K</u>
(E) Second Initial Flow Pressure	<u>54</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>69</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>727</u> PSI	Initial Opening <u>30</u>	Initial Shut-In <u>60</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,124</u> PSI	Final Flow <u>60</u>	Final Shut-In <u>90</u>	Shale Packer _____

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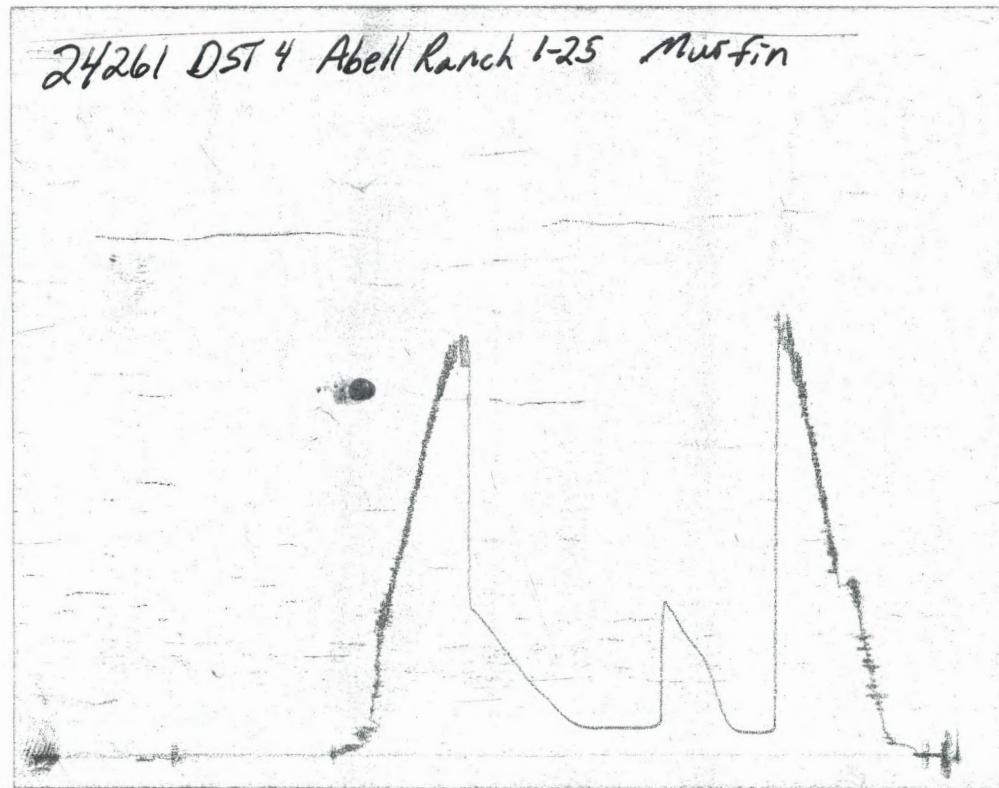
Approved By Rocky Milford
 Our Representative Chuck Smith

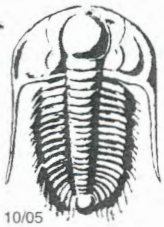
T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>17:31 pm</u>	<u>18:24 pm</u>	<u>20:50 pm</u>	<u>00:51 am</u>	<u>03:27 am</u>

Mileage 90 112.50
 Sub Total: 1212.50
 Std. By X hr 50
 Acc. Chg: _____
 Other: _____
 Total: \$1262.50

CHART PAGE

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





TRILOBITE TESTING INC.

No 24262

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Abell Ranch #1-25 Test No. 5 Date 7-6-06
 Company Murfin Drilling Co., Inc. Zone Tested Mississippian
 Address 250 N. Water St. 300 Wichita, Ks 67202 Elevation 2873 KB 2868 GL
 Co. Rep / Geo. Rocky Milford Rig Murfin #24
 Location: Sec. 25 Twp. 12s Rge. 31w Co. Gove State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4494 to 4511 Initial Str Wt./Lbs. 51,000 Unseated Str Wt./Lbs. 52,000
 Anchor Length 17 Wt. Set Lbs. 28,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 4490 Tool Weight 1,500
 Bottom Packer Depth 4494 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4511 Wt. Pipe Run 0 Drill Collar Run 125
 Mud Wt. 9.3 LCM _____ Vis. 56 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 4,384

Blow Description IF: Surface blow built to 7 1/4".
ISI: Weak surface return died @ 25min.
FF: Surface blow built to B.O.B. @ 58min.
FSI: Weak surface return died @ 26min

Recovery - Total Feet	<u>279</u>	GIP	<u>216</u>	Ft. in DC	<u>125</u>	Ft. in DP	<u>154</u>
Rec.	<u>62</u>	Feet of	<u>GO</u>	<u>10</u>	%gas <u>90</u>	%oil _____	%water _____
Rec.	<u>31</u>	Feet of	<u>MCO</u>		%gas <u>50</u>	%oil _____	%water <u>50</u>
Rec.	<u>62 31</u>	Feet of	<u>VSOMCW</u>		%gas <u>5</u>	%oil _____	%water <u>55</u>
Rec.	<u>124</u>	Feet of	<u>MCW</u>	<u>Spots of oil</u>	%gas _____	%oil _____	%water <u>90</u>
Rec.		Feet of			%gas _____	%oil _____	%water _____
BHT	<u>130</u>	°F Gravity	<u>30</u>	°API D @	<u>80</u>	°F Corrected Gravity	<u>28</u>
RW	<u>.501</u>	@	<u>75</u>	°F Chlorides	<u>12,000</u>	ppm Recovery	<u>12,000</u>
				Chlorides	<u>4,100</u>	ppm System	

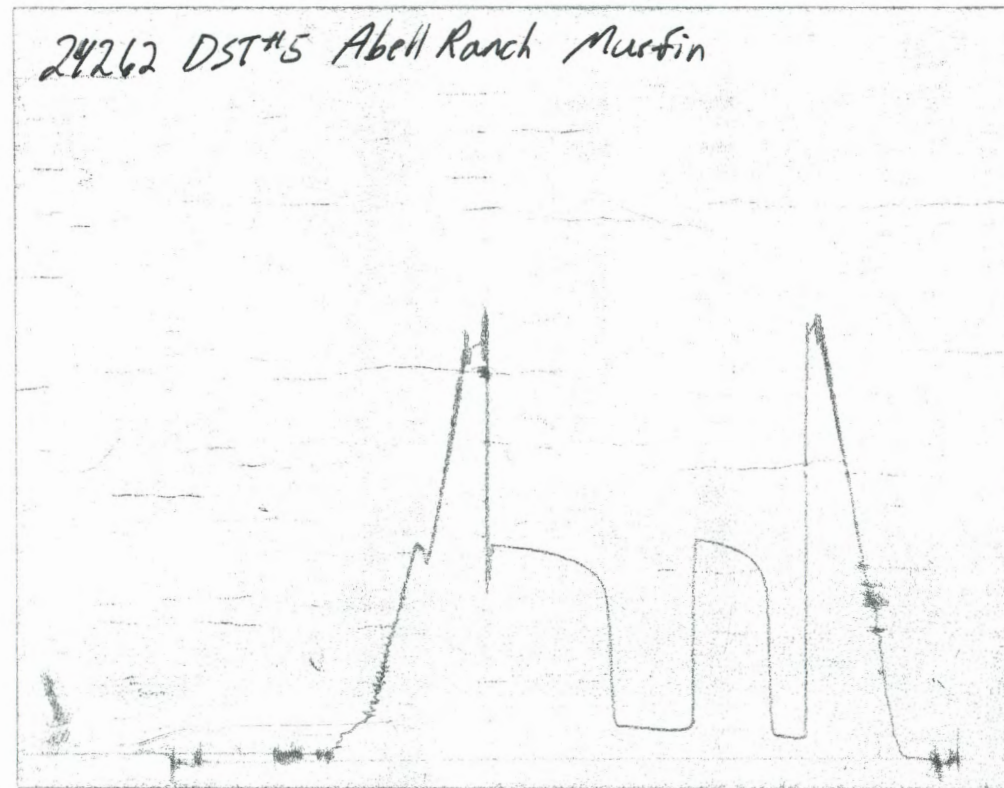
(A) Initial Hydrostatic Mud	AK-1	Alpine	<u>2,266</u>	PSI	Recorder No.	<u>8017</u>	Test X	<u>1,100</u>
(B) First Initial Flow Pressure			<u>20</u>	PSI	(depth)	<u>4497</u>	Jars	
(C) First Final Flow Pressure			<u>79</u>	PSI	Recorder No.	<u>13274</u>	Safety Jt. X	<u>N/C</u>
(D) Initial Shut-In Pressure			<u>1,124</u>	PSI	(depth)	<u>4506</u>	Circ Sub	
(E) Second Initial Flow Pressure			<u>85</u>	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			<u>134</u>	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			<u>1,098</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud			<u>2,263</u>	PSI	Initial Shut-In	<u>60</u>	Shale Packer	

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Approved By Robert Milford T-Open 14:12 pm Acc. Chg: _____
 Our Representative Chuck Smith T-Pulled 18:14 pm Other: _____
 T-Out 21:20 pm Total: \$1437.50

CHART PAGE

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



DISTRIBUTION LIST FOR LOGS & DSTS
WELL NAME: Abell Ranch#1-29

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

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

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

DST Information Distributed by
Trilobite Testing, Inc

Date: 7-10-06