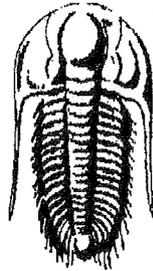


15-185-23475

1-22s-13w

IND

CONFIDENTIAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

1 22 13W Stafford KS

Drach "B" #3-1

Start Date: 2007.11.05 @ 06:47:09

End Date: 2007.11.05 @ 14:31:03

Job Ticket #: 30647 DST #: 1

CONFIDENTIAL
FEB 26 2008
KCC

Murfin Drilling

Drach "B" #3-1

1 22 13W Stafford KS

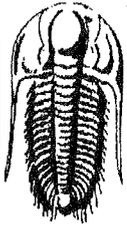
DST # 1

LKC "A-G"

2007.11.05

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

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 29 2008
CONSERVATION DIVISION
WICHITA, KS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Bob Stolze

Drach "B" #3-1
1 22 13W Stafford KS
 Job Ticket: 30647 **DST#: 1**
 Test Start: 2007.11.05 @ 06:47:09

GENERAL INFORMATION:

Formation: **LKC "A-G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:47:04
 Time Test Ended: 14:31:03

Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41

Interval: **3343.00 ft (KB) To 3450.00 ft (KB) (TVD)**
 Total Depth: 3450.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1891.00 ft (KB)
 1880.00 ft (CF)
 KB to GRV/CF: 11.00 ft

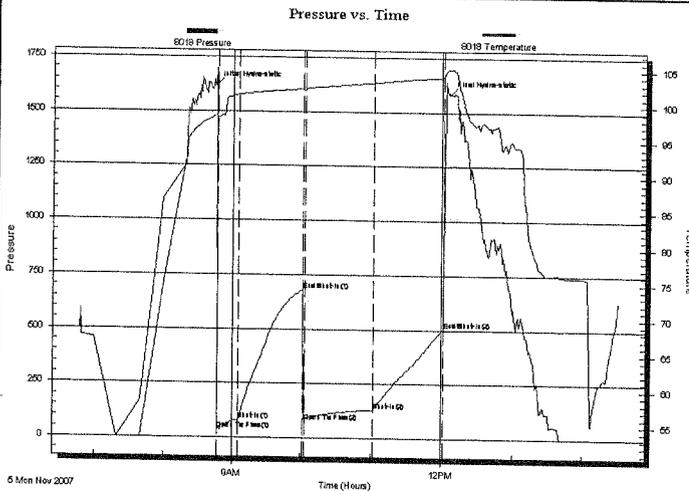
Serial #: 8018

Inside

Press@RunDepth: 129.97 psig @ 3349.01 ft (KB)
 Start Date: 2007.11.05 End Date: 2007.11.05
 Start Time: 06:47:09 End Time: 14:31:03

Capacity: 7000.00 psig
 Last Calib.: 2007.11.05
 Time On Btm: 2007.11.05 @ 08:45:04
 Time Off Btm: 2007.11.05 @ 12:06:33

TEST COMMENT: IFP BOB 3 1/2 min.
 ISI No blow back
 FFP BOB open
 FSI 3" blow back - died 39 min.



PRESSURE SUMMARY

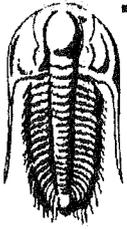
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.34	98.53	Initial Hydro-static
2	37.42	98.23	Open To Flow (1)
20	80.18	101.46	Shut-In(1)
77	678.85	102.30	End Shut-In(1)
78	74.72	102.10	Open To Flow (2)
137	129.97	103.18	Shut-In(2)
197	502.10	104.02	End Shut-In(2)
202	1584.02	105.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
205.00	SGOCM 5%G 10%O 85%M	1.23
80.00	VSOCM 2%O 98%M	1.12

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

Drach "B" #3-1
1 22 13W Stafford KS
Job Ticket: 30647 **DST#: 1**
Test Start: 2007.11.05 @ 06:47:09

Tool Information

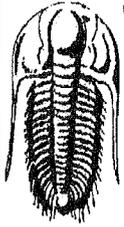
Drill Pipe:	Length: 3170.00 ft	Diameter: 3.80 inches	Volume: 44.47 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 45.36 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3343.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.02 ft			
Tool Length:	129.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

CONFIDENTIAL
FEB 26 2008
KCC

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3326.00	
Hydraulic tool	5.00			3331.00	
Safety Joint	2.00			3333.00	
Packer	5.00			3338.00	22.00 Bottom Of Top Packer
Packer	5.00			3343.00	
Stubb	1.00			3344.00	
Perforations	4.00			3348.00	
Change Over Sub	1.00			3349.00	
Recorder	0.01	8018	Inside	3349.01	
Blank Spacing	95.00			3444.01	
Change Over Sub	1.00			3445.01	
Perforations	2.00			3447.01	
Recorder	0.01	13548	Outside	3447.02	
Bullnose	3.00			3450.02	107.02 Bottom Packers & Anchor

Total Tool Length: 129.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Drach "B" #3-1

250 N Water Ste 300
Wichita KS 67202

1 22 13W Stafford KS

Job Ticket: 30647

DST#: 1

ATTN: Bob Stolzie

Test Start: 2007.11.05 @ 06:47:09

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: 7.92 in ³	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
205.00	SGOCM 5%G 10%O 85%M	1.227
80.00	VSOCM 2%O 98%M	1.122

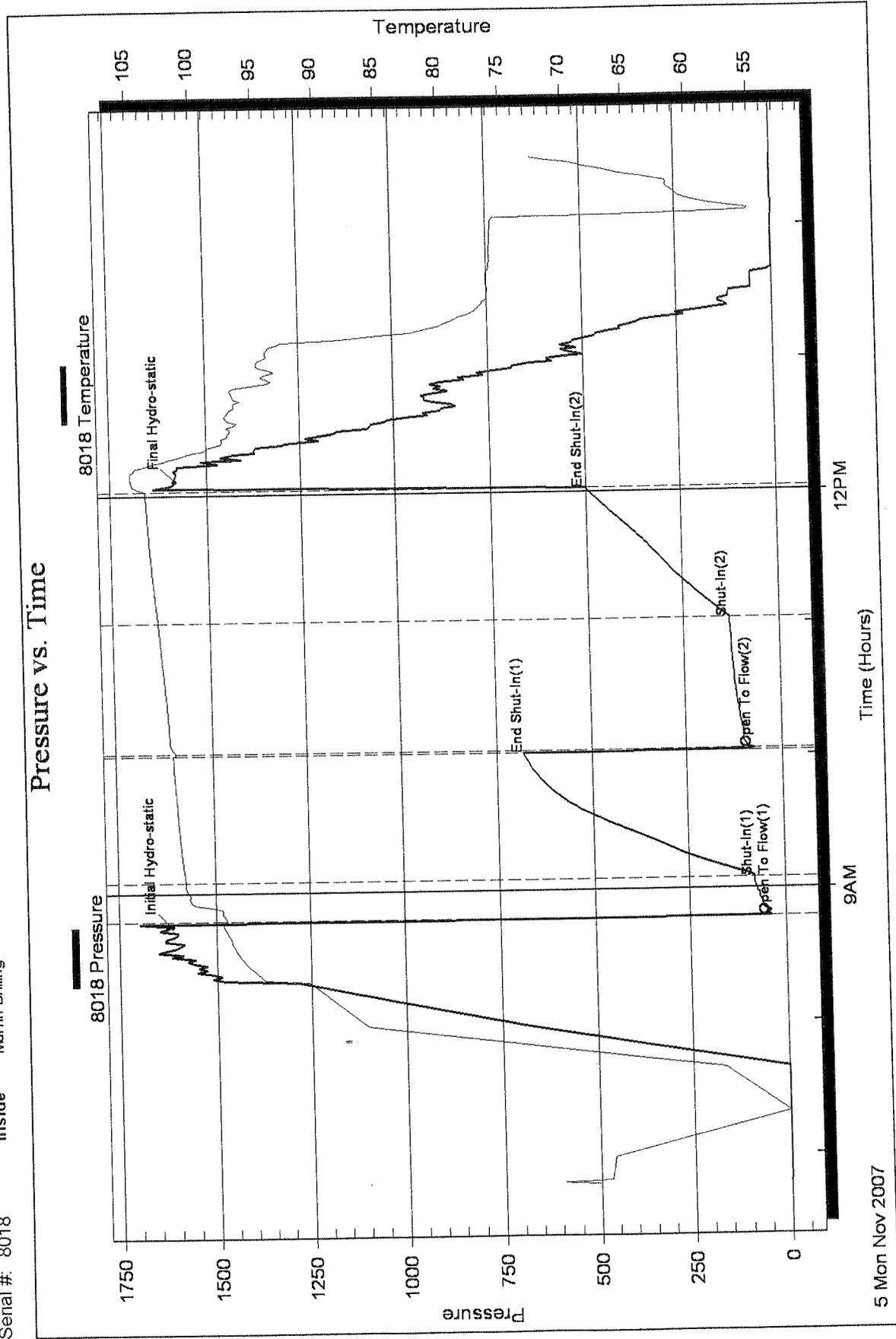
Total Length: 285.00 ft Total Volume: 2.349 bbl

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

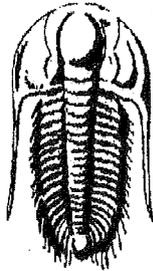
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



5 Mon Nov 2007



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

1 22 13W Stafford KS

Drach "B" #3-1

Start Date: 2007.11.06 @ 01:36:49

End Date: 2007.11.06 @ 09:58:43

Job Ticket #: 30648 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling

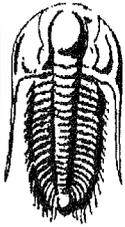
Drach "B" #3-1

1 22 13W Stafford KS

DST # 2

LKC "H-K"

2007.11.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Bob Stolzle

Drach "B" #3-1
1 22 13W Stafford KS
Job Ticket: 30648 **DST#: 2**
Test Start: 2007.11.06 @ 01:36:49

GENERAL INFORMATION:

Formation: **LKC "H-K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:48:14
Time Test Ended: 09:58:43
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Interval: **3455.00 ft (KB) To 3550.00 ft (KB) (TVD)**
Total Depth: 3550.00 ft (KB) (TVD)
Reference Elevations: 1891.00 ft (KB)
1880.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 11.00 ft

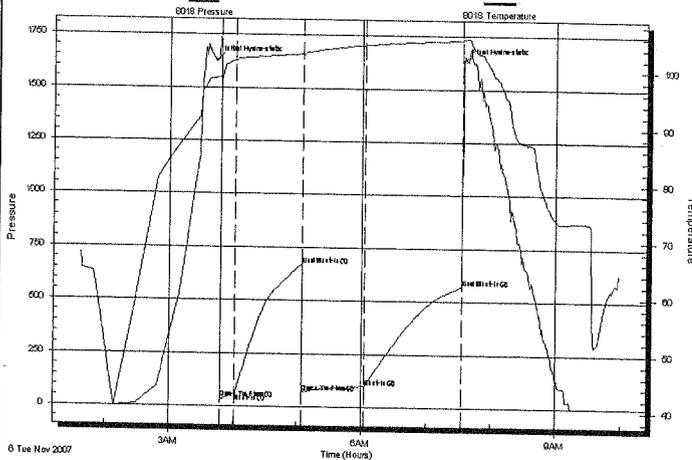
Serial #: 8018

Inside

Press@RunDepth: 96.94 psig @ 3463.01 ft (KB)
Start Date: 2007.11.06 End Date: 2007.11.06 Capacity: 7000.00 psig
Start Time: 01:36:49 End Time: 09:58:43 Last Callb.: 2007.11.06
Time On Btm: 2007.11.06 @ 03:43:14
Time Off Btm: 2007.11.06 @ 07:33:43

TEST COMMENT: IFP BOB 3 min.
ISI Sur blow back - died 8 min.
FFP BOB 30 sec.
FSI 4" blow back - died 29 min.

Pressure vs. Time



PRESSURE SUMMARY

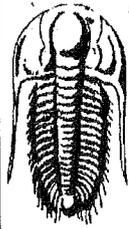
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1627.91	98.65	Initial Hydro-static
5	37.68	98.62	Open To Flow (1)
18	58.89	101.81	Shut-In(1)
81	667.81	102.90	End Shut-In(1)
81	68.74	102.70	Open To Flow (2)
140	96.94	104.56	Shut-In(2)
230	568.95	105.49	End Shut-In(2)
231	1628.56	105.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	VSG & OCM 5%G 5%O 90%M	0.89
30.00	VSO CM 2%O 98%M	0.41

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Bob Stolzie

Drach "B" #3-1
1 22 13W Stafford KS
Job Ticket: 30648 **DST#: 2**
Test Start: 2007.11.06 @ 01:36:49

Tool Information

Drill Pipe:	Length: 3265.00 ft	Diameter: 3.80 inches	Volume: 45.80 bbl	Tool Weight: 2500.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 46.69 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3455.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.02 ft			
Tool Length:	117.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3438.00	
Hydraulic tool	5.00			3443.00	
Safety Joint	2.00			3445.00	
Packer	5.00			3450.00	22.00 Bottom Of Top Packer
Packer	5.00			3455.00	
Stubb	1.00			3456.00	
Perforations	6.00			3462.00	
Change Over Sub	1.00			3463.00	
Recorder	0.01	8018	Inside	3463.01	
Blank Spacing	63.00			3526.01	
Change Over Sub	1.00			3527.01	
Perforations	20.00			3547.01	
Recorder	0.01	13548	Outside	3547.02	
Bullnose	3.00			3550.02	95.02 Bottom Packers & Anchor

Total Tool Length: 117.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Drach "B" #3-1

250 N Water Ste 300
Wichita KS 67202

1 22 13W Stafford KS

Job Ticket: 30648

DST#: 2

ATTN: Bob Stolze

Test Start: 2007.11.06 @ 01:36:49

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: bbl		
Water Loss: 7.91 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	VSG & OCM 5%G 5%O 90%M	0.885
30.00	VSO CM 2%O 98%M	0.412

Total Length: 210.00 ft Total Volume: 1.297 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

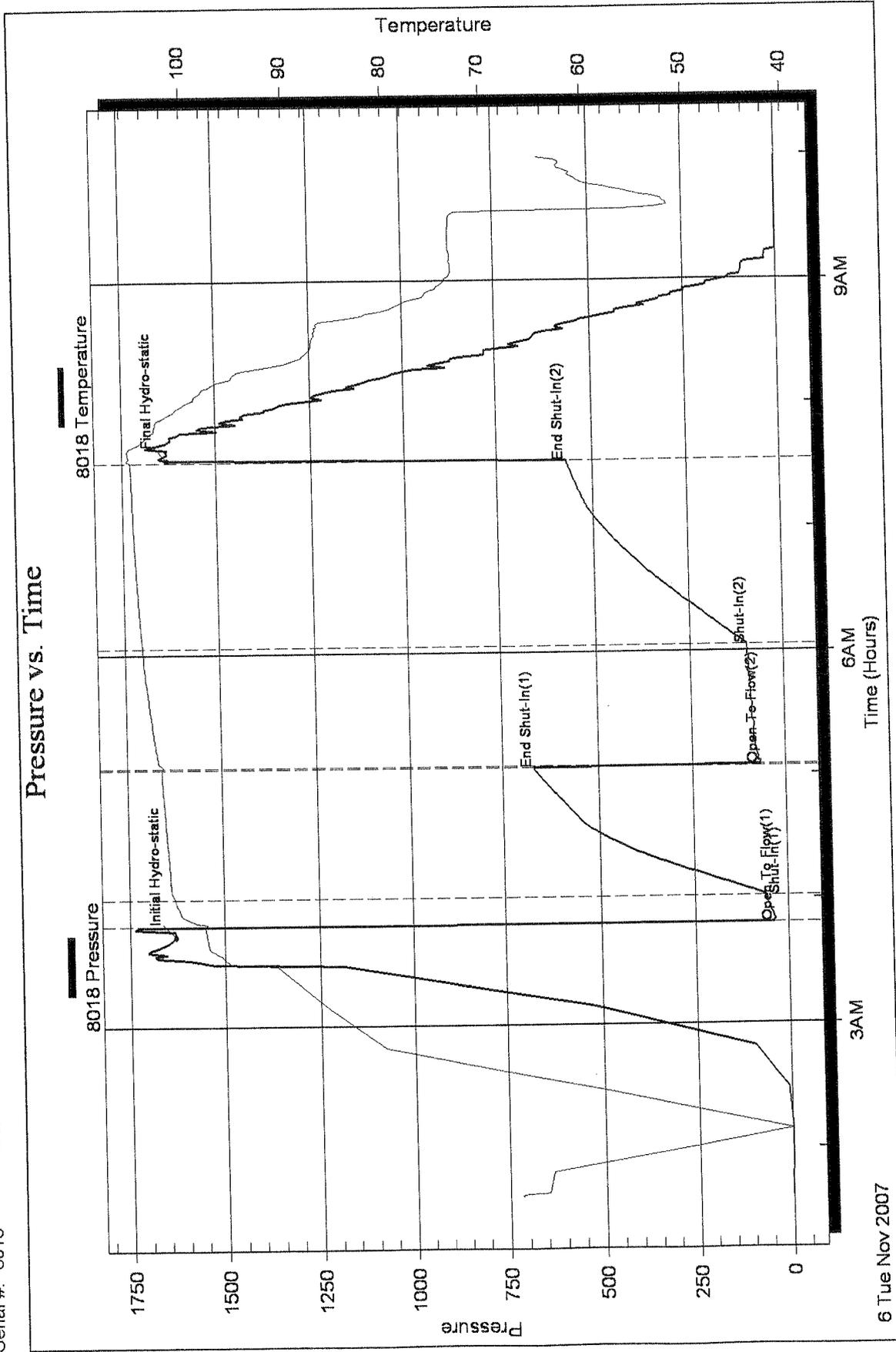
Serial #:

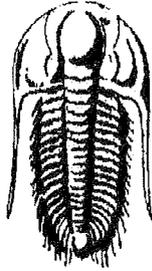
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

1 22 13W Stafford KS

Drach "B" #3-1

Start Date: 2007.11.06 @ 21:16:30

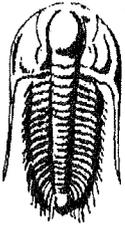
End Date: 2007.11.07 @ 06:06:55

Job Ticket #: 30649 DST #: 3

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

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

Drach "B" #3-1

1 22 13W Stafford KS

Job Ticket: 30649

DST#: 3

Test Start: 2007.11.06 @ 21:16:30

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:44:55

Time Test Ended: 06:06:55

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3644.00 ft (KB) To 3712.00 ft (KB) (TVD)**

Total Depth: 3712.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1891.00 ft (KB)

1880.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press@RunDepth: 253.21 psig @ 3652.01 ft (KB)

Start Date: 2007.11.06

End Date:

2007.11.07

Capacity: 7000.00 psig

Start Time: 21:16:30

End Time:

06:06:55

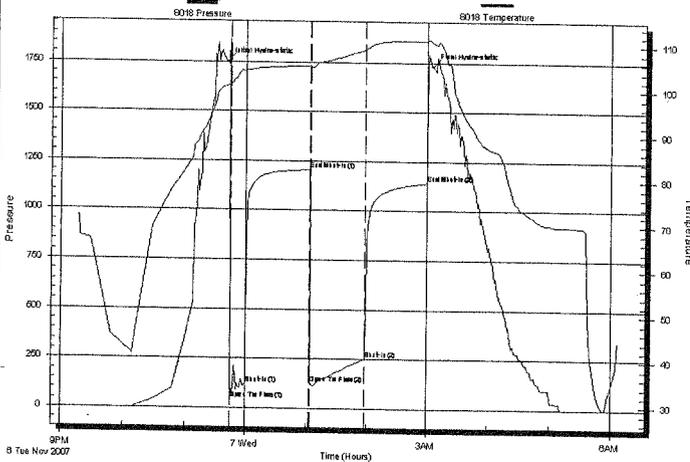
Last Calb.: 2007.11.07

Time On Btm: 2007.11.06 @ 23:41:25

Time Off Btm: 2007.11.07 @ 03:05:24

TEST COMMENT: IFP BOB 9 min.
ISI No blow back
FFP BOB 5 min.
FSI BOB 6 min.

Pressure vs. Time



PRESSURE SUMMARY

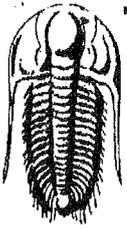
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.89	101.02	Initial Hydro-static
4	44.45	101.05	Open To Flow (1)
19	121.34	104.16	Shut-In (1)
82	1204.66	105.53	End Shut-In (1)
83	125.56	105.29	Open To Flow (2)
137	253.21	109.13	Shut-In (2)
199	1141.07	111.18	End Shut-In (2)
204	1730.43	110.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	SO & GCM 10%G 5%O 85%M	0.64
190.00	SO & GCM 70%G 5%O 25%M	2.20
300.00	FREE OIL 3%M 97%O	4.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Bob Stolzie

Drach "B" #3-1
1 22 13W Stafford KS
Job Ticket: 30649 **DST#: 3**
Test Start: 2007.11.06 @ 21:16:30

Tool Information

Drill Pipe:	Length: 3454.00 ft	Diameter: 3.80 inches	Volume: 48.45 bbl	Tool Weight: 2500.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	49.34 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3644.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.02 ft			
Tool Length:	90.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3627.00	
Hydraulic tool	5.00			3632.00	
Safety Joint	2.00			3634.00	
Packer	5.00			3639.00	22.00 Bottom Of Top Packer
Packer	5.00			3644.00	
Stubb	1.00			3645.00	
Perforations	6.00			3651.00	
Change Over Sub	1.00			3652.00	
Recorder	0.01	8018	Inside	3652.01	
Blank Spacing	32.00			3684.01	
Change Over Sub	1.00			3685.01	
Perforations	24.00			3709.01	
Recorder	0.01	13548	Outside	3709.02	
Bullnose	3.00			3712.02	68.02 Bottom Packers & Anchor

Total Tool Length: 90.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Drach "B" #3-1

250 N Water Ste 300
Wichita KS 67202

1 22 13W Stafford KS

Job Ticket: 30649

DST#: 3

ATTN: Bob Stolze

Test Start: 2007.11.06 @ 21:16:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.35 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
130.00	SO & GCM 10%G 5%O 85%M	0.639
190.00	SO & GCM 70%G 5%O 25%M	2.201
300.00	FREE OIL 3%M 97%O	4.208

Total Length: 620.00 ft

Total Volume: 7.048 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

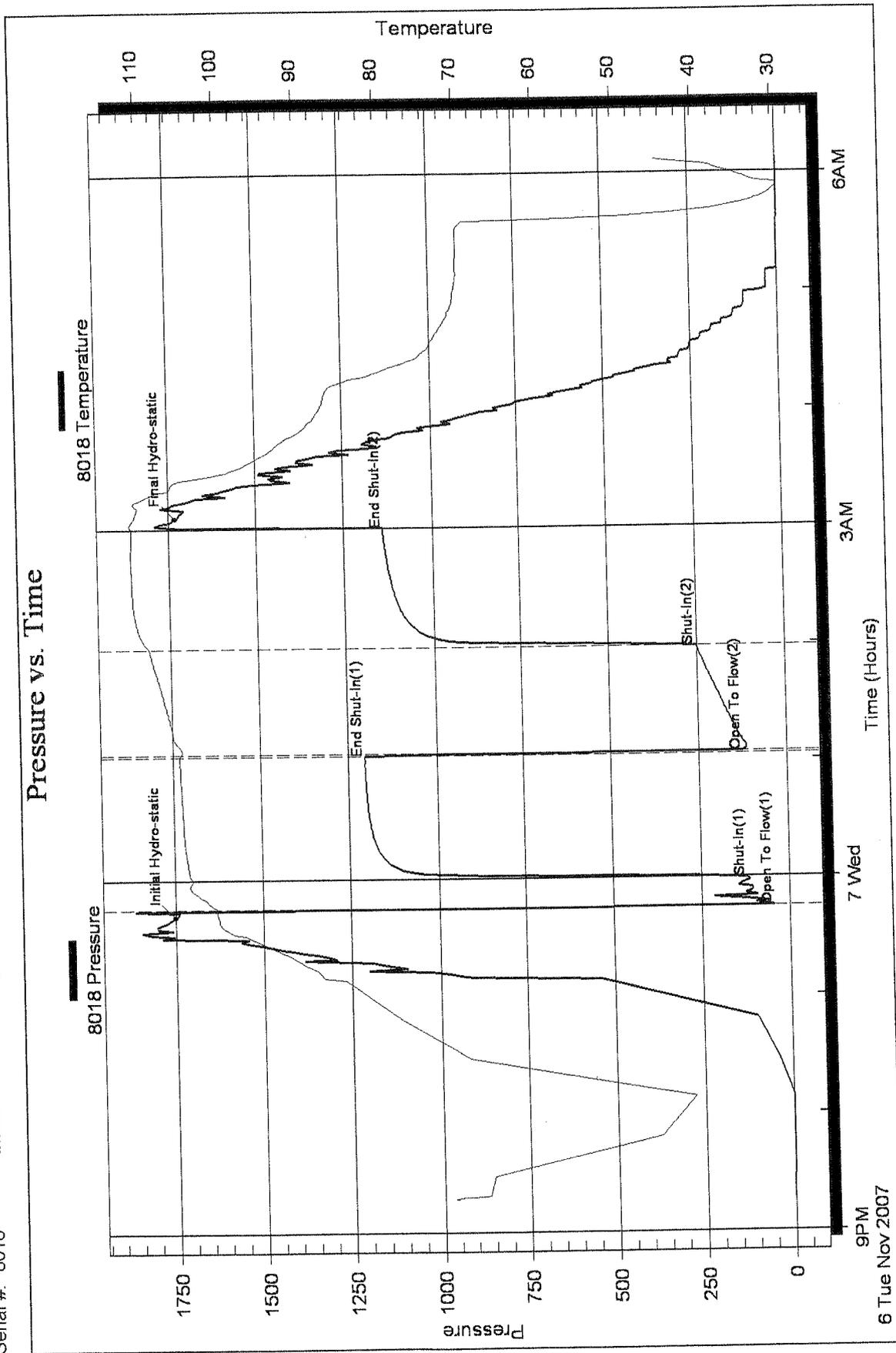
Serial #:

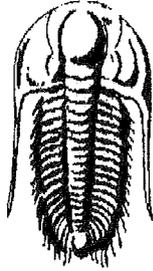
Laboratory Name:

Laboratory Location:

Recovery Comments: 450' GIP

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

1 22 13W Stafford KS

Drach "B" #3-1

Start Date: 2007.11.07 @ 12:30:10

End Date: 2007.11.07 @ 21:59:35

Job Ticket #: 30650 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling

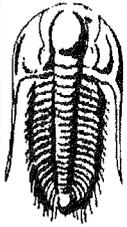
Drach "B" #3-1

1 22 13W Stafford KS

DST # 4

Arbuckle (2)

2007.11.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Bob Stolze

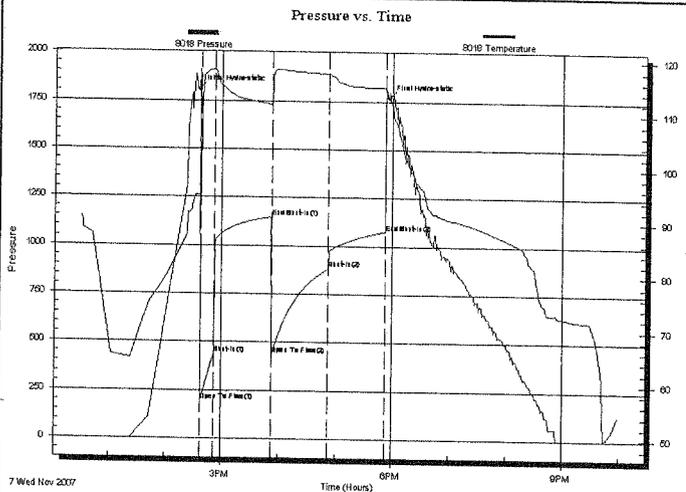
Drach "B" #3-1
1 22 13W Stafford KS
Job Ticket: 30650 **DST#: 4**
Test Start: 2007.11.07 @ 12:30:10

GENERAL INFORMATION:

Formation: **Arbuckle (2)**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:38:05
Time Test Ended: 21:59:35
Interval: **3712.00 ft (KB) To 3722.00 ft (KB) (TVD)**
Total Depth: 3722.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 1891.00 ft (KB)
1880.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 882.79 psig @ 3713.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.11.07 End Date: 2007.11.07 Last Calib.: 2007.11.07
Start Time: 12:30:10 End Time: 21:59:35 Time On Btm: 2007.11.07 @ 14:35:05
Time Off Btm: 2007.11.07 @ 17:55:34

TEST COMMENT: IFF BOB 30 sec.
ISI 3 1/2 " blow back - died to 2 1/2 "
FFP BOB 1 min.
FSI BOB 17 min.



PRESSURE SUMMARY

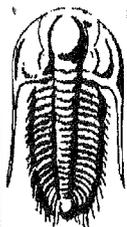
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.60	94.99	Initial Hydro-static
3	193.88	94.09	Open To Flow (1)
17	436.09	118.23	Shut-In (1)
78	1147.93	111.80	End Shut-In (1)
78	439.08	111.49	Open To Flow (2)
138	882.79	117.54	Shut-In (2)
198	1075.23	115.02	End Shut-In (2)
201	1767.07	113.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
910.00	MW 97%W 3%M	11.12
490.00	MGOCW 17%G 20%O 60%W 3%M	6.87
250.00	MGWCO 37%G 35%O 25%W 3%M	3.51
120.00	FREE OIL 3%M 97%O	1.68
230.00	SO&GCM 10%G 5%O 85%M	3.23

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Bob Stolzie

Drach "B" #3-1
1 22 13W Stafford KS
Job Ticket: 30650 **DST#: 4**
Test Start: 2007.11.07 @ 12:30:10

Tool Information

Drill Pipe:	Length: 3518.00 ft	Diameter: 3.80 inches	Volume: 49.35 bbl	Tool Weight: 2500.00 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 50.24 bbl		Tool Chased 1.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3712.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.02 ft			
Tool Length:	32.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3695.00	
Hydraulic tool	5.00			3700.00	
Safety Joint	2.00			3702.00	
Packer	5.00			3707.00	22.00 Bottom Of Top Packer
Packer	5.00			3712.00	
Stubb	1.00			3713.00	
Recorder	0.01	8018	Inside	3713.01	
Perforations	6.00			3719.01	
Recorder	0.01	13548	Outside	3719.02	
Bullnose	3.00			3722.02	10.02 Bottom Packers & Anchor
Total Tool Length:	32.02				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Drach "B" #3-1

250 N Water Ste 300
Wichita KS 67202

1 22 13W Stafford KS

Job Ticket: 30650

DST#: 4

ATTN: Bob Stolzle

Test Start: 2007.11.07 @ 12:30:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

12500 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
910.00	MW 97%W 3%M	11.116
490.00	MGOCW 17%G 20%O 60%W 3%M	6.873
250.00	MGWCO 37%G 35%O 25%W 3%M	3.507
120.00	FREE OIL 3%M 97%O	1.683
230.00	SO&GCM 10%G 5%O 85%M	3.226

Total Length: 2000.00 ft

Total Volume:

26.405 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

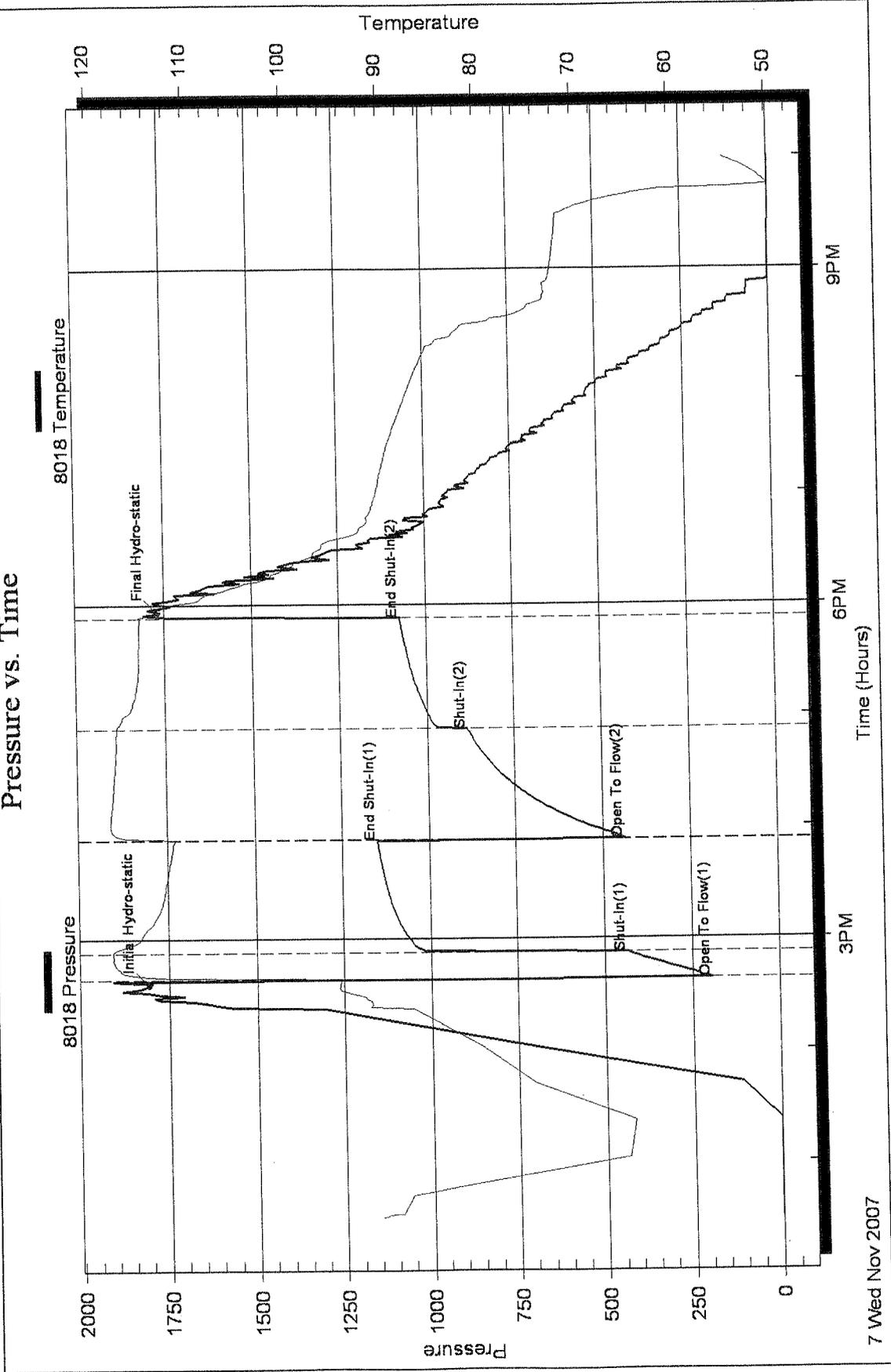
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1200' GIP

Pressure vs. Time



7 Wed Nov 2007