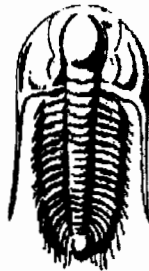


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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Advantage Resources, Inc.**

1775 Sherman St. Suite 1900
Denver, Colorado 80203

ATTN: Jon Christensen

8-28s-17w

#1Jamie McElwain

Start Date: 2004.01.10 @ 00:09:38

End Date: 2004.01.10 @ 10:35:06

Job Ticket #: 17215 . DST #: 1

ORIGINAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Advantage Resources, Inc.

1775 Sherman St. Suite 1900
Denver, Colorado 80203

ATTN: Jon Christensen

#1 Jamie McElwain

8-28s-17w

Job Ticket: 17215

DST#: 1

Test Start: 2004.01.10 @ 00:09:38

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 03:53:36

Time Test Ended: 10:35:06

Interval: **4753.00 ft (KB) To 4778.00 ft (KB) (TVD)**

Total Depth: **4778.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Nick Budig**

Unit No: **17**

Reference Elevations: **2190.00 ft (KB)**

2185.00 ft (CF)

KB to GRVCF: **5.00 ft**

Serial #: **6771**

Inside

Press@RunDepth: **32.84 psig @ 4754.00 ft (KB)**

Start Date: **2004.01.10**

End Date:

2004.01.10

Capacity: **7000.00 psig**

Last Calib.: **2004.01.10**

Start Time: **00:09:43**

End Time:

10:35:06

Time On Btm: **2004.01.10 @ 03:46:36**

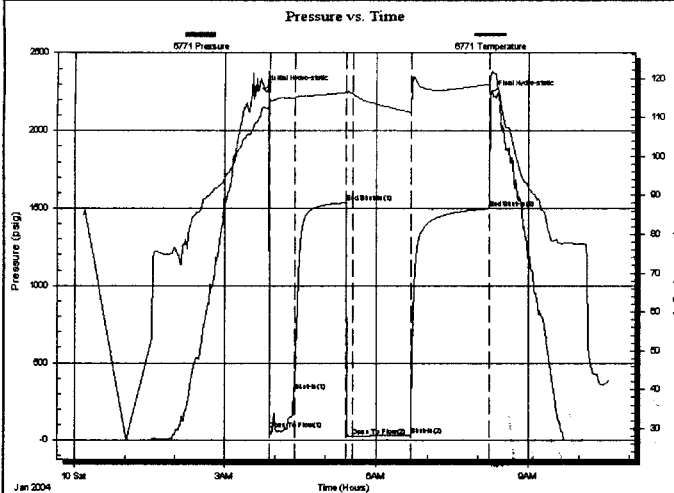
Time Off Btm: **2004.01.10 @ 08:14:55**

TEST COMMENT: IF-Strong Blow o.b.b. 30 sec, GTS in 21 min

IS- No Blow

FF- Strong Blow o.b.b. as soon as tool opened, gas decreased to unmeasurable

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2270.41	112.47	Initial Hydro-static
7	72.21	113.76	Open To Flow (1)
38	318.48	115.05	Shut-In(1)
99	1536.67	116.35	End Shut-In(1)
106	25.75	115.88	Open To Flow (2)
174	32.84	111.27	Shut-In(2)
268	1499.24	118.50	End Shut-In(2)
269	2235.24	120.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud 98% mud 2% water	0.34

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.51
Last Gas Rate	0.13	0.50	5.58
Max. Gas Rate	0.13	3.00	6.51



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Advantage Resources, Inc.

#1 Jamie McElwain

1775 Sherman St. Suite 1900
Denver, Colorado 80203

8-28s-17w

Job Ticket: 17215

DST#: 1

ATTN: Jon Christensen

Test Start: 2004.01.10 @ 00:09:38

Tool Information

Drill Pipe:	Length: 4503.00 ft	Diameter: 3.80 inches	Volume: 63.17 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 78000.00 lb
		Total Volume: 64.39 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4753.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 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			4727.00	
Shut In Tool	5.00			4732.00	
Hydraulic tool	5.00			4737.00	
Jars	5.00			4742.00	
Safety Joint	2.00			4744.00	
Packer	5.00			4749.00	27.00 Bottom Of Top Packer
Packer	4.00			4753.00	
Stubb	1.00			4754.00	
Recorder	0.00	6771	Inside	4754.00	
Perforations	21.00			4775.00	
Recorder	0.00	13761	Inside	4775.00	
Bullnose	3.00			4778.00	25.00 Bottom Packers & Anchor

Total Tool Length: 52.00



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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Advantage Resources, Inc.

#1Jamie McElwain

1775 Sherman St. Suite 1900
Denver, Colorado 80203

8-28s-17w

Job Ticket: 17215

DST#: 1

ATTN: Jon Christensen

Test Start: 2004.01.10 @ 00:09:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud 98% mud 2% water	0.344

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Advantage Resources, Inc.

#1 Jamie McElwain

1775 Sherman St. Suite 1900
Denver, Colorado 80203

8-28s-17w

Job Ticket: 17215

DST#: 1

ATTN: Jon Christensen

Test Start: 2004.01.10 @ 00:09:38

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	25	0.13	3.00	6.51
1	30	0.13	2.50	6.33
2	10	0.13	1.00	5.76
2	20	0.13	1.00	5.76
2	30	0.13	0.50	5.58

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Serial #: 6771

Inside

Advantage Resources, Inc.

8-28s-17w

DST Test Number: 1

