

DRILL STEM TEST REPORT

Prepared For: **Am Warrior Inc**

Box 399
Garden City Ks 67846

ATTN: Cecil O'Brate

19 22 23 Hodgman Ks

Rudzik # 1-19

Start Date: 2009.02.06 @ 00:19:01

End Date: 2009.02.06 @ 08:24:31

Job Ticket #: 34374 DST #: 1

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Trilobite Testing, Inc

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TESTING, INC.

DRILL STEM TEST REPORT

Am Warrior Inc
Box 399
Garden City Ks 67846
ATTN: Cecil O'Brate

Rudzik # 1-19
19 22 23 Hodgman Ks
Job Ticket: 34374 DST#: 1
Test Start: 2009.02.06 @ 00:19:01

GENERAL INFORMATION:

Formation: **Cher Sd**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 03:05:01
Time Test Ended: 08:24:31

Test Type: **Conventional Bottom Hole**
Tester: **Dan Bangle**
Unit No: **38**

Interval: **4599.00 ft (KB) To 4649.00 ft (KB) (TVD)**
Total Depth: **4649.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

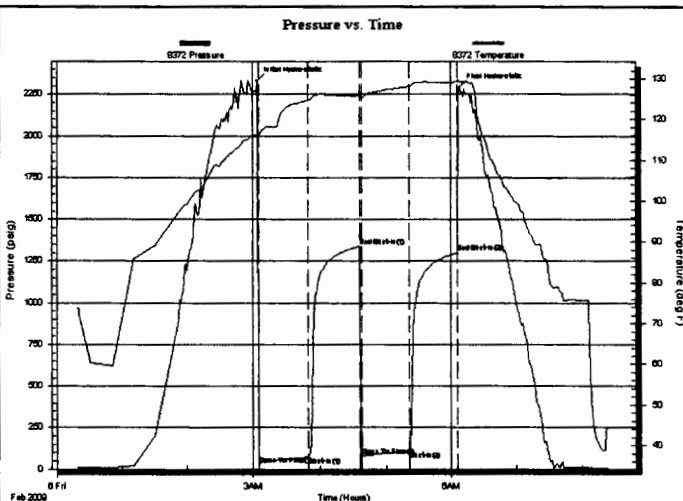
Reference Elevations: **2402.00 ft (KB)**
2394.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8372 **Inside**

Press@RunDepth: **108.30 psig @ 4602.00 ft (KB)**
Start Date: **2009.02.06** End Date: **2009.02.06**
Start Time: **00:19:02** End Time: **08:24:31**

Capacity: **7000.00 psig**
Last Calib.: **2009.02.06**
Time On Btm: **2009.02.06 @ 03:04:01**
Time Off Btm: **2009.02.06 @ 06:08:01**

TEST COMMENT: IF-Weak building to 3 1/2"
FF-Weak building to 2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2331.91	116.22	Initial Hydro-static
1	30.25	115.77	Open To Flow (1)
46	73.79	124.72	Shut-In (1)
92	1339.31	125.73	End Shut-In (1)
94	79.05	125.10	Open To Flow (2)
138	108.30	128.15	Shut-In (2)
182	1302.62	129.21	End Shut-In (2)
184	2291.23	129.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	OCGsyM 5%g 25%o 45%m	0.78
125.00	HMOGsyO 10%g 75%o 15%m	1.75
0.00	125 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)
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TOOL DIAGRAM

Am Warrior Inc
Box 399
Garden City Ks 67846

ATTN: Cecil O'Brate

Rudzik # 1-19
19 22 23 Hodgman Ks
Job Ticket: 34374 **DST#: 1**
Test Start: 2009.02.06 @ 00:19:01

Tool Information

Drill Pipe:	Length: 4557.00 ft	Diameter: 3.80 inches	Volume: 63.92 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	64.07 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4599.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	79.00 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			4571.00	
Shut In Tool	5.00			4576.00	
Hydraulic tool	5.00			4581.00	
Jars	5.00			4586.00	
Safety Joint	3.00			4589.00	
Packer	5.00			4594.00	29.00 Bottom Of Top Packer
Packer	5.00			4599.00	
Stubb	1.00			4600.00	
Perforations	1.00			4601.00	
Change Over Sub	1.00			4602.00	
Recorder	0.00	8372	Inside	4602.00	
Recorder	0.00	8368	Outside	4602.00	
Drill Pipe	31.00			4633.00	
Change Over Sub	1.00			4634.00	
Perforations	12.00			4646.00	
Bullnose	3.00			4649.00	50.00 Bottom Packers & Anchor
Total Tool Length:		79.00			

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FLUID SUMMARY

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Garden City Ks 67846

Rudzik # 1-19

19 22 23 Hodgman Ks

Job Ticket: 34374

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2009.02.06 @ 00:19:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 9.19 in³

Resistivity: ohm.m

Salinity: 2600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	OCGsyM 5%g 25%o 45%m	0.779
125.00	HMCgsyO 10%g 75%o 15%m	1.753
0.00	125 GIP	0.000

Total Length: 200.00 ft

Total Volume: 2.532 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

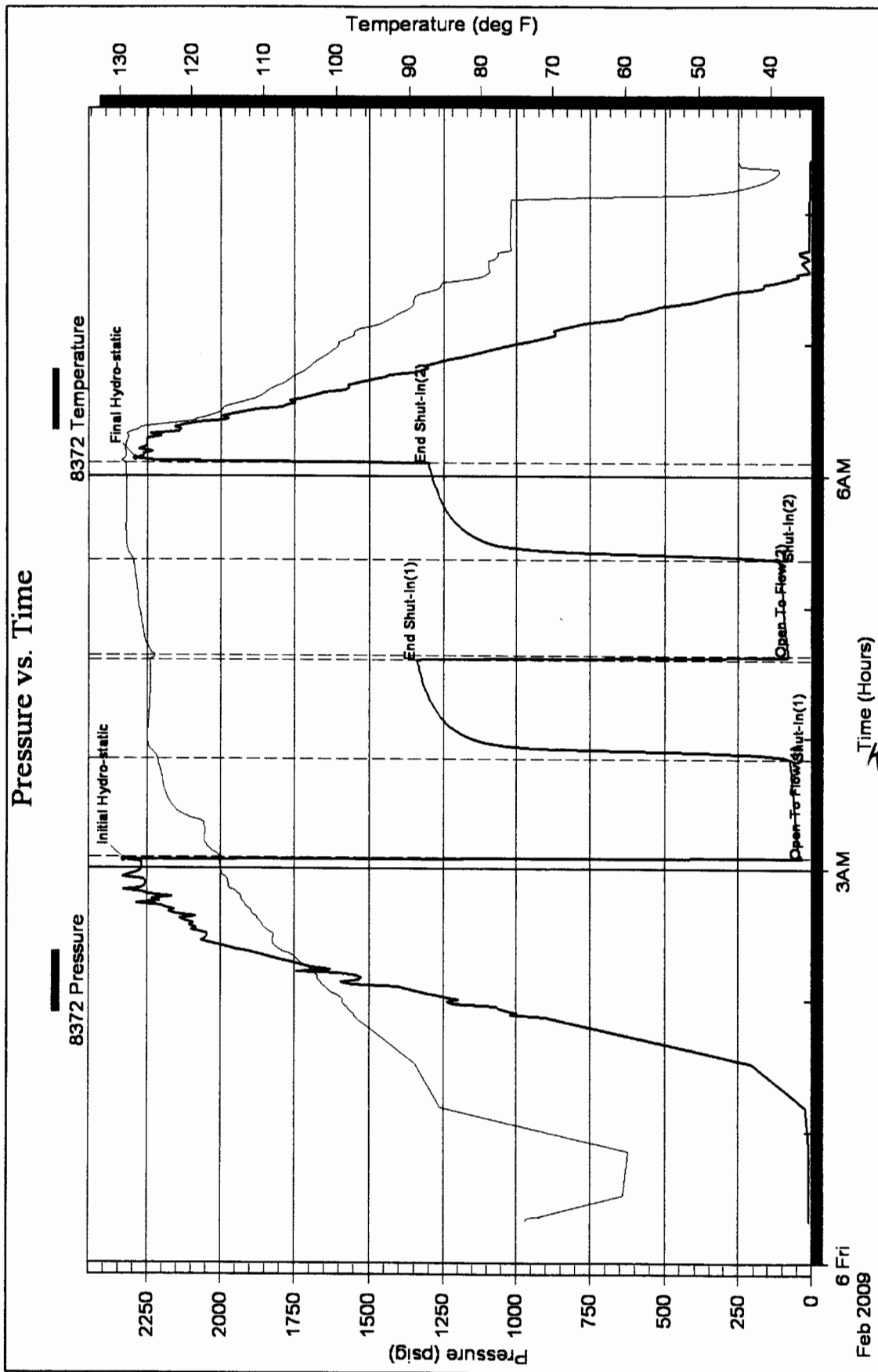
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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