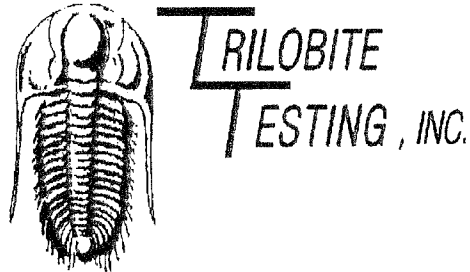


5-19S-10W



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary JR And Associates**

1670 Broadway STE 3300
Denver CO 80202

ATTN: Tom Fertal

5 19S 10W Rice KS

Mooney 2-5

Start Date: 2006.11.28 @ 03:00:17

End Date: 2006.11.28 @ 09:41:47

Job Ticket #: 25519

KCC

MAR 13 2007

CONFIDENTIAL

DST # 1 RECEIVED
OIL & GAS CORPORATION COMMISSION

MAR 14 2007

CONSERVATION DIVISION
WICHITA, KS

15-159-22513
NE SW SW
930 FSL 1150 FWL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary JR And Associates

Mooney 2-5

1670 Broadway STE 3300
Denver CO 80202

5 19S 10W Rice KS

Job Ticket: 25519

DST#: 1

ATTN: Tom Fertal

Test Start: 2006.11.28 @ 03:00:17

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:21:17

Time Test Ended: 09:41:47

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: **3328.00 ft (KB) To 3350.00 ft (KB) (TVD)**

Total Depth: 3350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1765.00 ft (KB)

1755.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6752 Inside

Press@RunDepth: 1018.12 psig @ 3329.00 ft (KB)

Start Date: 2006.11.28

End Date:

2006.11.28

Capacity: 7000.00 psig

Last Calib.: 2006.11.28

Start Time: 03:00:22

End Time:

09:41:46

Time On Btm: 2006.11.28 @ 05:20:47

Time Off Btm: 2006.11.28 @ 07:04:17

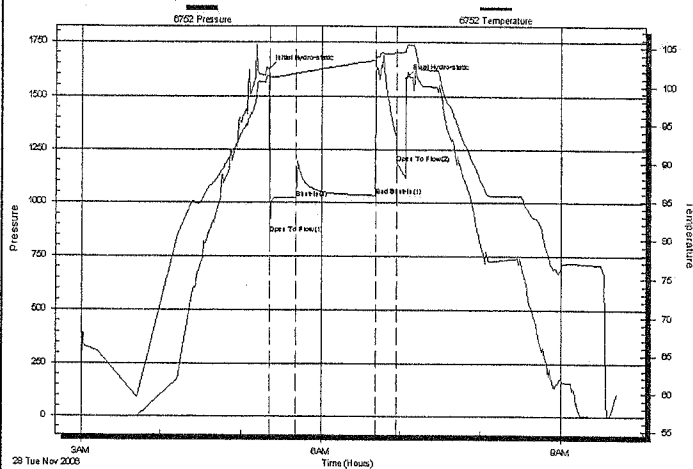
TEST COMMENT: IF Weak Surface Blow

ISI No Blow back

FF No Blow Pulled loose and reset packers still no blow pulled test

Misrun Tool was in final shut in

Pressure vs. Time



PRESSURE SUMMARY

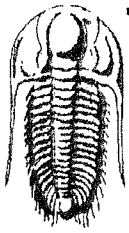
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.78	101.27	Initial Hydro-static
1	852.19	101.24	Open To Flow (1)
21	1018.12	101.62	Shut-In(1)
81	1034.75	103.37	End Shut-In(1)
96	1189.06	104.26	Open To Flow (2)
104	1581.18	104.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary JR And Associates

Mooney 2-5

1670 Broadway STE 3300
Denver CO 80202

5 19S 10W Rice KS

Job Ticket: 25519

DST#: 1

ATTN: Tom Fertal

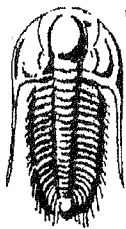
Test Start: 2006.11.28 @ 03:00:17

Tool Information

Drill Pipe:	Length: 3009.00 ft	Diameter: 2.76 inches	Volume: 22.27 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: lb
		Total Volume: 23.80 bbl		Tool Chased ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3328.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	45.00 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			3306.00	
Shut In Tool	5.00			3311.00	
Hydraulic tool	5.00			3316.00	
Safety Joint	3.00			3319.00	
Packer	5.00			3324.00	23.00 Bottom Of Top Packer
Packer	4.00			3328.00	
Stubb	1.00			3329.00	
Recorder	0.00	6752	Inside	3329.00	
Perforations	18.00			3347.00	
Recorder	0.00	13255	Outside	3347.00	
Bullnose	3.00			3350.00	22.00 Bottom Packers & Anchor

Total Tool Length: 45.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary JR And Associates

Mooney 2-5

1670 Broadway STE 3300
Denver CO 80202

5 19S 10W Rice KS

Job Ticket: 25519

DST#: 1

ATTN: Tom Fertal

Test Start: 2006.11.28 @ 03:00:17

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11500.00 ppm

Filter Cake: 0.03 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

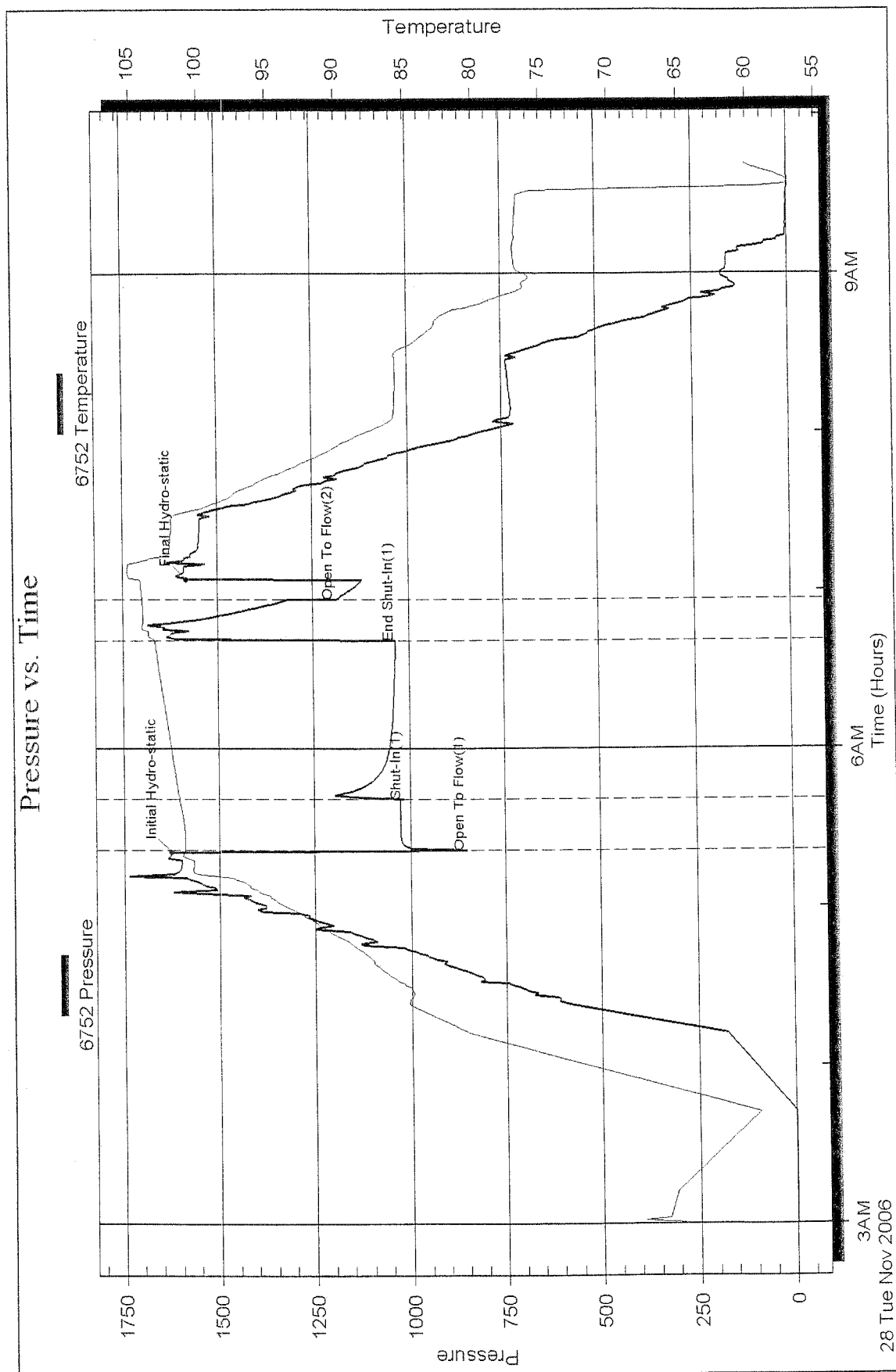
5 19S 10W Rice KS

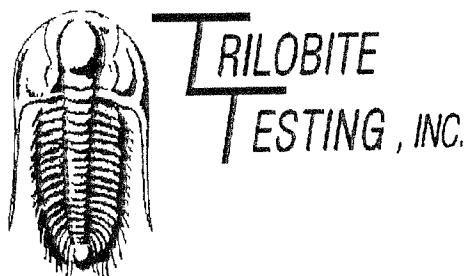
Samuel Gary JR And Associates

Inside

Serial #: 6752

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary JR And Associates**

1670 Broadway STE 3300
Denver CO 80202

ATTN: Tom Fertal

5 19S 10W Rice KS

Mooney 2-5

Start Date: 2006.11.28 @ 10:16:30

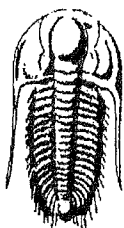
End Date: 2006.11.29 @ 00:15:00

Job Ticket #: 25520 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary JR And Associates

1670 Broadway STE 3300
Denver CO 80202

ATTN: Tom Fertal

Mooney 2-5

5 19S 10W Rice KS

Job Ticket: 25520

DST#: 2

Test Start: 2006.11.28 @ 10:16:30

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:54:30

Time Test Ended: 00:15:00

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: **3328.00 ft (KB) To 3350.00 ft (KB) (TVD)**

Total Depth: 3350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1765.00 ft (KB)

1755.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6752

Inside

Press@RunDepth: 131.21 psig @ 3329.00 ft (KB)

Start Date: 2006.11.28

End Date:

2006.11.29

Capacity: 7000.00 psig

Last Calib.: 2006.11.29

Start Time: 10:16:35

End Time:

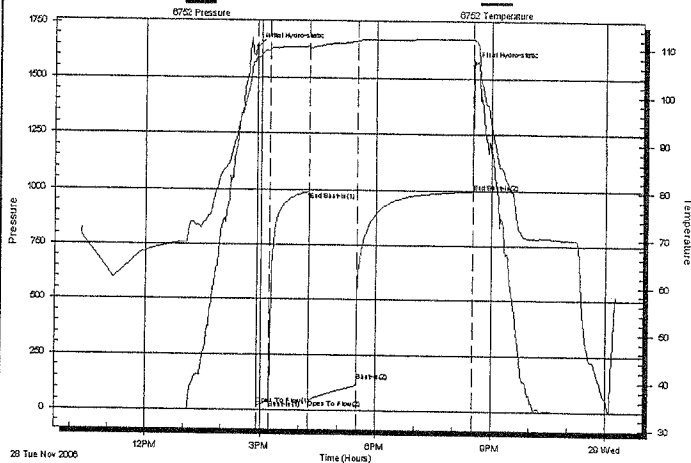
00:15:00

Time On Btm: 2006.11.28 @ 14:53:59

Time Off Btm: 2006.11.28 @ 20:31:30

TEST COMMENT: IF Weak Blow 2 1/2 Inches
ISI No Blow back
FF Weak Blow Built to 3 inches
FSI No Blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.58	108.19	Initial Hydro-static
1	22.68	107.90	Open To Flow (1)
21	42.30	109.65	Shut-In (1)
81	952.36	110.39	End Shut-In (1)
82	46.78	110.11	Open To Flow (2)
156	131.21	111.57	Shut-In (2)
338	995.37	112.08	End Shut-In (2)
338	1561.05	112.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCWM 10%O 14%W 76%M	0.30
211.00	GSY Oil 2%G 98%O	1.04
0.00	30 Feet GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Pressure vs. Time

