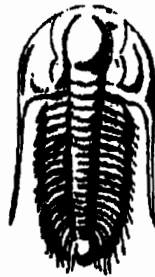


15-159-22510

24-18s-10w
SW SWS WS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Assoc.**

1670 Broadway Ste. 3300
Denver Co. 80202

ATTN: ,Tom Fertal

24-18s-10w Rice Ks.

Roelfs #1-24

Start Date: 2006.10.20 @ 10:42:30

End Date: 2006.10.20 @ 18:56:15

Job Ticket #: 25479 / DST #: 1

KCC
FEB 01 2007
CONFIDENTIAL

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

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 02 2007
CONSERVATION DIVISION
WICHITA, KS

Samuel Gary Jr. & Assoc.

Roelfs #1-24

24-18s-10w Rice Ks.

DST # 1

Arbuckle

2006.10.20



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

1670 Broadway Ste. 3300
Denver Co. 80202

ATTN: , Tom Fertal

Roelfs #1-24

24-18-10w Rice Ks.

Job Ticket: 25479

DST#: 1

Test Start: 2006.10.20 @ 10:42:30

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:15

Time Test Ended: 18:56:15

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3252.00 ft (KB) To 3268.00 ft (KB) (TVD)**

Total Depth: 3268.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1753.00 ft (KB)

1747.00 ft (CF)

KB to GRVCF: 6.00 ft

Serial #: 6771 Inside

Press @ Run Depth: 442.02 psig @ 3253.00 ft (KB)

Start Date: 2006.10.20

End Date: 2006.10.20

Start Time: 10:42:35

End Time: 18:56:14

Capacity: 7000.00 psig

Last Calib.: 2006.10.20

Time On Btm: 2006.10.20 @ 12:47:30

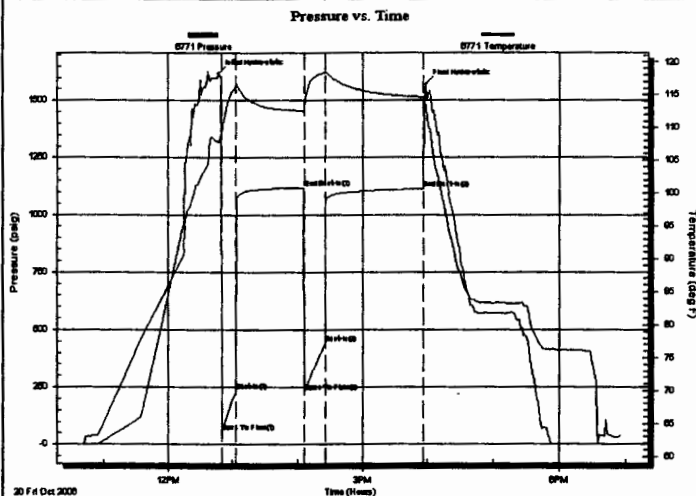
Time Off Btm: 2006.10.20 @ 15:59:30

TEST COMMENT: IF: Strong blow . B.O.B. in 2 1/4 mins.

IS: No blow .

FF: Strong blow . B.O.B. in 2 1/2 mins.

FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1617.57	107.71	Initial Hydro-static
3	55.56	108.51	Open To Flow (1)
17	232.63	116.26	Shut-In(1)
79	1118.61	112.57	End Shut-In(1)
79	229.92	112.16	Open To Flow (2)
98	442.02	118.36	Shut-In(2)
190	1112.01	114.64	End Shut-In(2)
192	1571.77	113.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMCO 22g 33% m 45% o	0.88
1120.00	CGO 15% g 85% o	9.39
0.00	170 ft. of GIP	0.00

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. & Assoc.

Roelfs #1-24

1670 Broadway Ste. 3300
Denver Co. 80202

24-18s-10w Rice Ks.

Job Ticket: 25479

DST#: 1

ATTN: , Tom Fertal

Test Start: 2006.10.20 @ 10:42:30

Tool Information

Drill Pipe:	Length: 2957.00 ft	Diameter: 3.00 inches	Volume: 25.85 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 240.00 ft	Diameter: 2.75 inches	Volume: 1.76 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: 27.91 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3252.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	43.00 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			3226.00	
Shut In Tool	5.00			3231.00	
Hydraulic tool	5.00			3236.00	
Jars	5.00			3241.00	
Safety Joint	2.00			3243.00	
Packer	4.00			3247.00	27.00 Bottom Of Top Packer
Packer	5.00			3252.00	
Stubb	1.00			3253.00	
Recorder	0.00	6771	Inside	3253.00	
Perforations	10.00			3263.00	
Recorder	0.00	13789	Outside	3263.00	
Bullnose	5.00			3268.00	16.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Assoc.

Roelfs #1-24

1670 Broadway Ste. 3300
Denver Co. 80202

24-18s-10w Rice Ks.

Job Ticket: 25479

DST#: 1

ATTN: ,Tom Fertal

Test Start: 2006.10.20 @ 10:42:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37.7 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

7000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GMCO 22g 33% m 45% o	0.882
1120.00	CGO 15% g 85% o	9.395
0.00	170 ft. of GIP	0.000

Total Length: 1240.00 ft

Total Volume: 10.277 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

