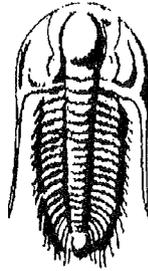


15-159-22487

23-18s-10w

23-18s-10w
Sw SE NE



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Sam Gary Associates**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

23 18S10W Rice KS

Weihe Trust 1-23

Start Date: 2006.08.06 @ 15:25:10

End Date: 2006.08.07 @ 00:51:53

Job Ticket #: 25303 DST #: 1

15-159-22487

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CONFIDENTIAL

Sam Gary Associates

Weihe Trust 1-23

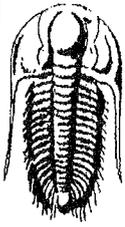
23 18S10W Rice KS

DST # 1

Arbuckle

2006.08.06

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Associates
 1670 Broadway Ste 3300
 Denver CO 80202
 ATTN: Tom Fertal

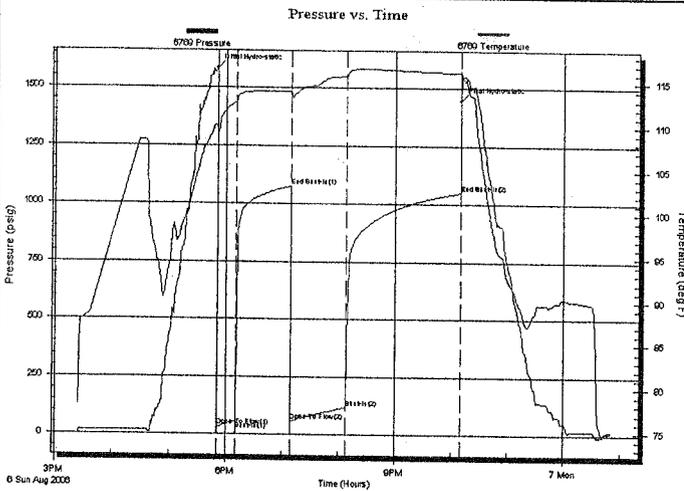
Weihe Trust 1-23
23 18S10W Rice KS
 Job Ticket: 25303 **DST#: 1**
 Test Start: 2006.08.06 @ 15:25:10

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:50:08
 Time Test Ended: 00:51:53
 Interval: **3252.00 ft (KB) To 3270.00 ft (KB) (TVD)**
 Total Depth: **3270.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 24
 Reference Elevations: 1754.00 ft (KB)
 1748.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6769 **Inside**
 Press@RunDepth: 117.73 psig @ 3253.01 ft (KB)
 Start Date: 2006.08.06 End Date: 2006.08.07 Capacity: 7000.00 psig
 Start Time: 15:25:10 End Time: 00:51:53 Last Calib.: 2006.08.07
 Time On Btm: 2006.08.06 @ 17:49:38
 Time Off Btm: 2006.08.06 @ 22:09:38

TEST COMMENT: IFP Weak to Good Blow 1/4" - 8 1/2"
 ISI No blow back
 FFP BOB 28 min
 FSI Weak sur blow back 5 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.46	109.84	Initial Hydro-static
1	32.67	109.50	Open To Flow (1)
20	56.82	112.79	Shut-In(1)
80	1075.97	114.01	End Shut-In(1)
80	60.56	113.72	Open To Flow (2)
139	117.73	115.78	Shut-In(2)
260	1049.07	116.19	End Shut-In(2)
261	1446.63	116.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHOCM 5%G 45%O 50%M	0.15
240.00	FREE OIL 5%G 92%O 3%M	1.25

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Associates

Weihe Trust 1-23

1670 Broadway Ste 3300
Denver CO 80202

23 18S10W Rice KS

Job Ticket: 25303

DST#: 1

ATTN: Tom Fertal

Test Start: 2006.08.06 @ 15:25:10

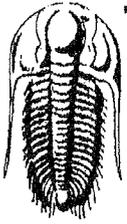
Tool Information

Drill Pipe:	Length: 2992.00 ft	Diameter: 2.75 inches	Volume: 21.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
		<u>Total Volume: 23.18 bbl</u>		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3252.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.02 ft			
Tool Length:	45.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
60' GIP

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3230.00	
Hydraulic tool	5.00			3235.00	
Jars	5.00			3240.00	
Safety Joint	2.00			3242.00	
Packer	5.00			3247.00	27.00 Bottom Of Top Packer
Packer	5.00			3252.00	
Stubb	1.00			3253.00	
Recorder	0.01	6769	Inside	3253.01	
Perforations	14.00			3267.01	
Recorder	0.01	13548	Outside	3267.02	
Bullnose	3.00			3270.02	18.02 Bottom Packers & Anchor

Total Tool Length: 45.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Associates

Weihe Trust 1-23

1670 Broadway Ste 3300
Denver CO 80202

23 18S10W Rice KS

Job Ticket: 25303

DST#: 1

ATTN: Tom Fertal

Test Start: 2006.08.06 @ 15:25:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.54 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GHOCM 5%G 45%O 50%M	0.148
240.00	FREE OIL 5%G 92%O 3%M	1.246

Total Length: 270.00 ft

Total Volume: 1.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

Inside

Sam Gary Associates

23 18S10W Rice KS

DST Test Number: 1

Pressure vs. Time

