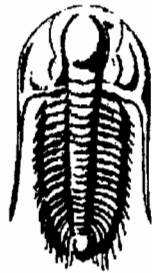


15-097-21510



**TRILOBITE
TESTING, INC.**

RECEIVED
OCT 01 2003
KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **McGinnis Oil & Gas**

150 N Main Ste 1026
Wichita KS 67202

ORIGINAL

ATTN: Doug McGinnis

5 28s 17w Kiowa KS

Keller #2

Start Date: 2003.07.11 @ 20:32:08

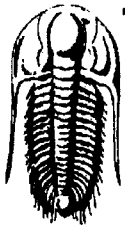
End Date: 2003.07.12 @ 05:13:53

Job Ticket #: 17090 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McGinnis Oil & Gas

150 N Main Ste 1026
Wichita KS 67202

ATTN: Doug McGinnis

Keller #2**5 28s 17w Kiowa KS**

Job Ticket: 17090

DST#: 1

Test Start: 2003.07.11 @ 20:32:08

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:19:53

Time Test Ended: 05:13:53

Test Type: Conventional Bottom Hole

Tester: Wenrich

Unit No: 24

Interval: **4699.00 ft (KB) To 4749.00 ft (KB) (TVD)**

Total Depth: 4749.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition:

Reference Elevations: 2181.00 ft (KB)

2176.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3310**Inside**

Press@RunDepth: 63.67 psig @ 4700.00 ft (KB)

Start Date: 2003.07.11

End Date:

2003.07.12

Start Time: 20:32:13

End Time:

05:13:53

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.07.11 @ 23:18:53

Time Off Btm: 2003.07.12 @ 02:50:53

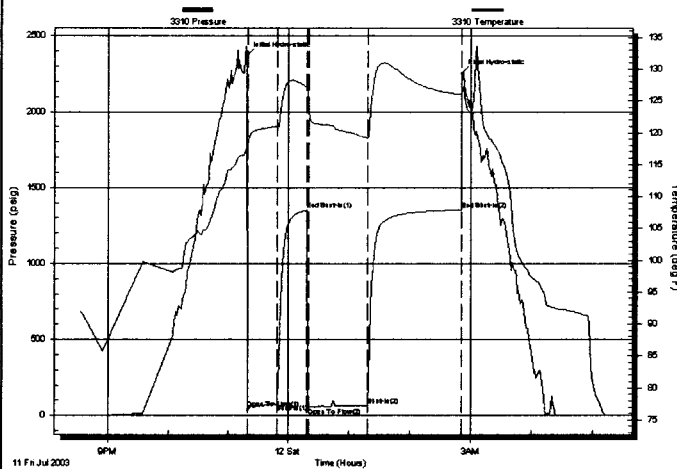
TEST COMMENT: IF: Strong blow .BOB in 1 min.GTS in 20 mins.(see gas report)

IS: No blow .

FF: Strong blow .BOB immediately.(see gas report)

FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2370.48	117.65	Initial Hydro-static
1	43.34	118.07	Open To Flow (1)
31	79.23	120.93	Shut-In (1)
60	1350.68	127.15	End Shut-In (1)
62	54.47	123.44	Open To Flow (2)
120	63.67	119.19	Shut-In (2)
212	1354.04	126.03	End Shut-In (2)
212	2254.91	126.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	mmw os	0.64

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	-5.40	32.97
Last Gas Rate	0.50	-6.40	53.97
Max. Gas Rate	0.38	-1.40	47.62

15-097-21510

ORIGINAL

 TRILOBITE TESTING, INC.		DRILL STEM TEST REPORT		TOOL DIAGRAM																																																																																																													
		McGinnis Oil & Gas 150 N Main Ste 1026 Wichita KS 67202 ATTN: Doug McGinnis		Keller #2 5 28s 17w Kiowa KS Job Ticket: 17090 DST#: 1 Test Start: 2003.07.11 @ 20:32:08																																																																																																													
Tool Information																																																																																																																	
Drill Pipe:	Length: 4431.00 ft	Diameter: 3.80 inches	Volume: 62.16 bbl	Tool Weight:	2100.00 lb																																																																																																												
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb																																																																																																												
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	85000.00 lb																																																																																																												
		Total Volume: 63.36 bbl		Tool Chased	0.00 ft																																																																																																												
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	75000.00 lb																																																																																																												
Depth to Top Packer:	4699.00 ft			Final	76000.00 lb																																																																																																												
Depth to Bottom Packer:	ft																																																																																																																
Interval between Packers:	50.00 ft																																																																																																																
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McGinnis Oil & Gas

Keller #2

150 N Main Ste 1026
Wichita KS 67202

5 28s 17w Kiowa KS

Job Ticket: 17090

DST#: 1

ATTN: Doug McGinnis

Test Start: 2003.07.11 @ 20:32:08

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	mwos	0.639

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

McGinnis Oil & Gas

Keller #2

150 N Main Ste 1026
Wichita KS 67202

5 28s 17w Kiowa KS

Job Ticket: 17090

DST#: 1

ATTN: Doug McGinnis

Test Start: 2003.07.11 @ 20:32:08

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	20	0.38	-5.40	32.97
1	20	0.38	-5.40	32.97
1	30	0.38	-4.40	36.63
2	10	0.38	-1.40	47.62
2	20	0.50	-8.40	40.47
2	30	0.50	-8.40	40.47
2	40	0.50	-7.40	47.22
2	50	0.50	-6.40	53.97

DST Test Number: 1

5 28s 17w Klow a KS

McGinnis Oil & Gas

Inside

Serial #: 3310

Pressure vs. Time

