

34-28s-8w

15-095-21903-0000



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Messenger Petl. Inc.**

525 S. Main
Kingman Ks. 67068

ATTN: Jon Messenger

34-28s-8w Kingman Ks

Larkin #1

Start Date: 2004.08.23 @ 03:53:39

End Date: 2004.08.23 @ 12:42:39

Job Ticket #: 19759

DST #: 1

15-095-21903

Sw Sw

510 FSL 660 FWL

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 31 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Messenger Petl. Inc.

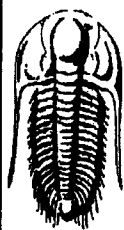
Larkin #1

34-28s-8w Kingman Ks

DST # 1

Miss.

2004.08.23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petl. Inc.

525 S. Main
Kingman Ks. 67068

ATTN: Jon Messenger

Larkin #1

34-28s-8w Kingman Ks

Job Ticket: 19759

DST#: 1

Test Start: 2004.08.23 @ 03:53:39

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:17:39

Time Test Ended: 12:42:39

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: 4146.00 ft (KB) To 4156.00 ft (KB) (TVD)

Total Depth: 4156.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1672.00 ft (KB)

1663.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press@RunDepth: 67.31 psig @ 4147.00 ft (KB)

Start Date: 2004.08.23

End Date:

2004.08.23

Start Time: 03:53:44

End Time:

12:42:39

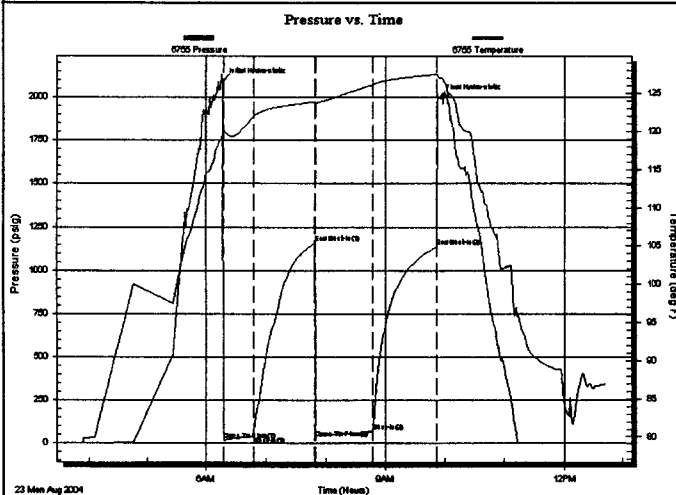
Capacity: 7000.00 psig

Last Calib.: 2004.08.23

Time On Btmr 2004.08.23 @ 06:16:24

Time Off Btmr 2004.08.23 @ 09:53:24

TEST COMMENT: IF: Strong blow . B.O.B. in 55 secs.
IS: Weak blow . 1".
FF: Strong blow . B.O.B. in 2 - 3 secs.
FSI: No blow .



PRESSURE SUMMARY

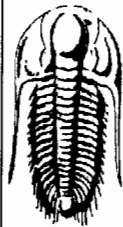
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.12	119.86	Initial Hydro-static
2	17.98	119.87	Open To Flow (1)
32	39.39	121.90	Shut-In(1)
93	1156.85	123.94	End Shut-In(1)
94	30.61	123.62	Open To Flow (2)
151	67.31	126.15	Shut-In(2)
215	1134.65	127.55	End Shut-In(2)
217	1994.52	127.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMV 6%o 34% m 60% w R w .16 ohms @ 0.30 deg.	
65.00	Drig. mud	0.32

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petl. Inc.

Larkin #1

525 S. Main
Kingman Ks. 67068

34-28s-8w Kingman Ks

Job Ticket: 19759

DST#: 1

ATTN: Jon Messenger

Test Start: 2004.08.23 @ 03:53:39

Tool Information

Drill Pipe: Length: 3898.00 ft Diameter: 3.80 inches Volume: 54.68 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 240.00 ft Diameter: 2.25 inches Volume: 1.18 bbl
Total Volume: 55.86 bbl
Drill Pipe Above KB: 12.00 ft
Depth to Top Packer: 4146.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 10.00 ft
Tool Length: 30.00 ft
Number of Packers: 2 Diameter: 6.75 inches
Tool Comments:

Tool Weight: 2100.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 80000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 64000.00 lb
Final 64000.00 lb

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			4127.00	
Shut In Tool	5.00			4132.00	
Hydraulic tool	5.00			4137.00	
Packer	4.00			4141.00	20.00 Bottom Of Top Packer
Packer	5.00			4146.00	
Stubb	1.00			4147.00	
Recorder	0.00	6755	Inside	4147.00	
Perforations	4.00			4151.00	
Recorder	0.00	13222	Outside	4151.00	
Bullnose	5.00			4156.00	10.00 Bottom Packers & Anchor

Total Tool Length: 30.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petil. Inc.

Larkin #1

525 S. Main
Kingman Ks. 67068

34-28s-8w Kingman Ks

Job Ticket: 19759

DST#: 1

ATTN: Jon Messenger

Test Start: 2004.08.23 @ 03:53:39

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:

41000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCMV 6%o 34%m 60%w Rw .16 ohms @ 77	0.295
65.00	Drig.mud	0.320

Total Length: 125.00 ft

Total Volume: 0.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

