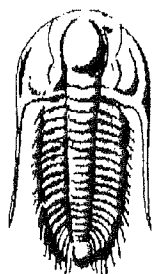


15-095-21957

34-28s-8w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S. Main
Kingman, KS 67068

ATTN: John Messenger

34-28s-8w Kingman KS

Larkin #2

Start Date: 2005.04.20 @ 11:39:04

End Date: 2005.04.20 @ 20:45:34

Job Ticket #: 20729 DST #: 1

15-095-21957

S2 N2 SW SW

810 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 Petroleum Inc.

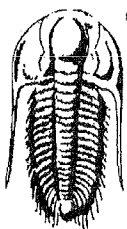
Larkin #2

34-28s-8w Kingman KS

DST # 1

Swope & Hertha

2005.04.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S. Main
Kingman, KS 67068

ATTN: John Messenger

Larkin #2

34-28s-8w Kingman KS

Job Ticket: 20729

DST#: 1

Test Start: 2005.04.20 @ 11:39:04

GENERAL INFORMATION:

Formation: **Swope & Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:22:49

Time Test Ended: 20:45:34

Interval: **3808.00 ft (KB) To 3858.00 ft (KB) (TVD)**

Total Depth: **3858.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 19

Reference Elevations: 1672.00 ft (KB)

1663.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6667

Inside

Press@RunDepth: 87.84 psig @ 3809.00 ft (KB)

Start Date: 2005.04.20

End Date:

2005.04.20

Start Time: 11:39:09

End Time:

20:45:34

Capacity: 7000.00 psig

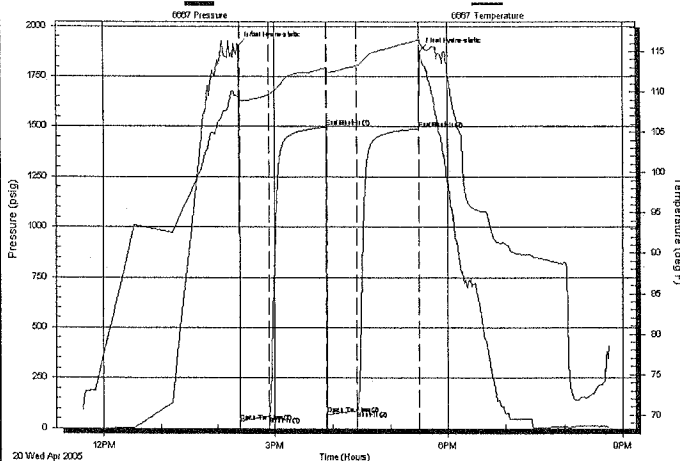
Last Calib.: 2005.04.20

Time On Btm: 2005.04.20 @ 14:22:19

Time Off Btm: 2005.04.20 @ 17:31:34

TEST COMMENT: IF: Weak blow @ 1.75".
ISl: Bled off, no blow back.
FF: Weak blow @ 1".
FSl: Bled off, no blow back.

Pressure vs. Time



PRESSURE SUMMARY

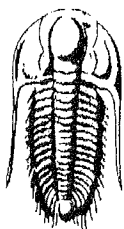
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1901.33	109.47	Initial Hydro-static
1	32.75	109.04	Open To Flow (1)
32	60.05	109.63	Shut-In(1)
91	1496.64	112.97	End Shut-In(1)
92	69.79	112.52	Open To Flow (2)
123	87.84	113.25	Shut-In(2)
189	1489.75	116.45	End Shut-In(2)
190	1873.35	116.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	Watery Mud W/Trace O%G 55%w45%w0.64	
0.00	RW .23 ohm @ 77 geg F = 28,000 ppm	0.00
0.00	0	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

Messenger Petroleum Inc.

Larkin #2

525 S. Main
Kingman, KS 67068

34-28s-8w Kingman KS

Job Ticket: 20729

DST#: 1

ATTN: John Messenger

Test Start: 2005.04.20 @ 11:39:04

Tool Information

Drill Pipe: Length: 3537.00 ft Diameter: 3.50 inches Volume: 42.09 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 249.00 ft Diameter: 2.25 inches Volume: 1.22 bbl
Total Volume: 43.31 bbl

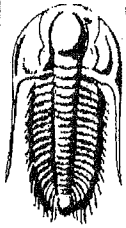
Drill Pipe Above KB: 6.00 ft
Depth to Top Packer: 3808.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 50.00 ft
Tool Length: 78.00 ft
Number of Packers: 2 Diameter: 6.75 inches

Tool Weight: 2100.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 70000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 63000.00 lb
Final 63000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3785.00	
Hydraulic tool	5.00			3790.00	
Jars	5.00			3795.00	
Safety Joint	3.00			3798.00	
Packer	5.00			3803.00	28.00 Bottom Of Top Packer
Packer	5.00			3808.00	
Stubb	1.00			3809.00	
Recorder	0.00	6667	Inside	3809.00	
Perforations	5.00			3814.00	
Change Over Sub	1.00			3815.00	
Blank Spacing	31.00			3846.00	
Change Over Sub	1.00			3847.00	
Perforations	8.00			3855.00	
Recorder	0.00	6074	Outside	3855.00	
Bullnose	3.00			3858.00	50.00 Bottom Packers & Anchor

Total Tool Length: 78.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Larkin #2

525 S. Main
Kingman, KS 67068

34-28s-8w Kingman KS

Job Ticket: 20729

DST#: 1

ATTN: John Messenger

Test Start: 2005.04.20 @ 11:39:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 11.18 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.04 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	Watery Mud W/Trace O%G 55%w45%w	0.639
0.00	RW .23 ohm @ 77 geg F = 28,000 ppm	0.000
0.00	0	0.000

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:

Pressure vs. Time

