

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon F Messenger

13 29 9W Kingman KS

Benny #1

Start Date: 2007.02.14 @ 15:41:01

End Date: 2007.02.15 @ 00:47:01

Job Ticket #: 25843 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 31 2008

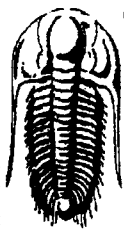
CONSERVATION DIVISION
WICHITA, KS

15-095-22083

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum Inc

525 S Main
Kingman KS 67068

ATTN: Jon F Messenger

Benny #1

13 29 9W Kingman KS

Job Ticket: 25843

DST#: 1

Test Start: 2007.02.14 @ 15:41:01

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:27:31

Time Test Ended: 00:47:01

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 36

Interval: **4186.00 ft (KB) To 4196.00 ft (KB) (TVD)**

Total Depth: 4196.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1653.00 ft (KB)

1644.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 111.90 psig @ 4187.00 ft (KB)

Start Date: 2007.02.14

End Date:

2007.02.15

Capacity: 7000.00 psig

Last Calib.: 2007.02.15

Start Time: 15:41:06

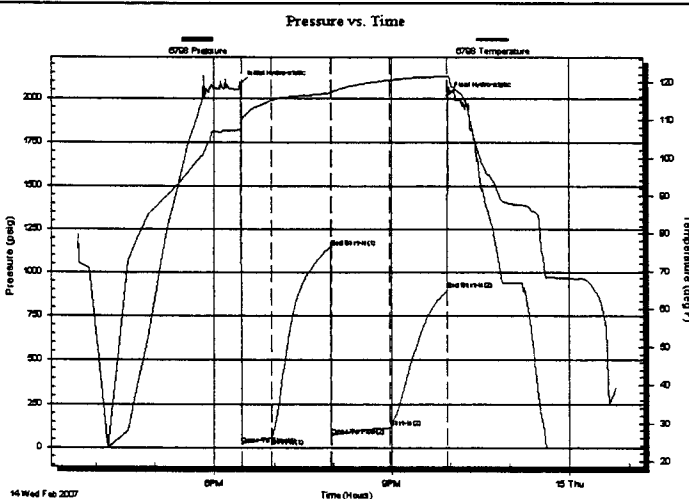
End Time:

00:47:01

Time On Btm: 2007.02.14 @ 18:27:01

Time Off Btm: 2007.02.14 @ 21:57:30

TEST COMMENT: IF Strong blow BOB in 5 1/2 mins.
ISI Very weak surface blow Dead in 10 mins.
FF Weak to fair blow BOB in 31 mins.
FSI Weak blow Steady at 1/4 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.91	107.34	Initial Hydro-static
1	17.25	109.23	Open To Flow (1)
31	53.79	115.01	Shut-In (1)
90	1148.50	116.96	End Shut-In (1)
91	67.60	117.01	Open To Flow (2)
151	111.90	120.39	Shut-In (2)
210	901.75	121.43	End Shut-In (2)
211	2014.14	121.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud 100%M	0.15
200.00	Muddy Salt Water 85%W 15%M	1.09
0.00	RW= .125 @ 42 deg. 125000 ppm	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Benny #1

525 S Main
Kingman KS 67068

13 29 9W Kingman KS

Job Ticket: 25843

DST#: 1

ATTN: Jon F Messenger

Test Start: 2007.02.14 @ 15:41:01

Tool Information

Drill Pipe: Length: 3951.00 ft Diameter: 3.80 inches Volume: 55.42 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 218.00 ft Diameter: 2.25 inches Volume: 1.07 bbl
Total Volume: 56.49 bbl

Drill Pipe Above KB: 3.00 ft

Depth to Top Packer: 4186.00 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

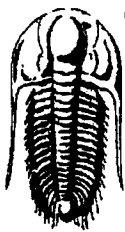
Weight to Pull Loose: 78000.00 lb

Tool Chased 0.00 ft

String Weight: Initial 70000.00 lb

Final 71000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4171.00	
Hydraulic tool	5.00			4176.00	
Packer	5.00			4181.00	20.00 Bottom Of Top Packer
Packer	5.00			4186.00	
Stubb	1.00			4187.00	
Recorder	0.00	6798	Inside	4187.00	
Perforations	6.00			4193.00	
Recorder	0.00	13249	Outside	4193.00	
Bullnose	3.00			4196.00	10.00 Bottom Packers & Anchor
Total Tool Length:	30.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Benny #1

525 S Main
Kingman KS 67068

13 29 9W Kingman KS

Job Ticket: 25843

DST#: 1

ATTN: Jon F Messenger

Test Start: 2007.02.14 @ 15:41:01

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling Mud 100%M	0.148
200.00	Muddy SaltWater 85%W 15%M	1.093
0.00	RW= .125 @ 42 deg. 125000 ppm	0.000

Total Length: 230.00 ft

Total Volume: 1.241 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

