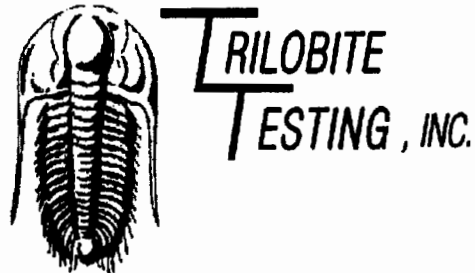


15-095-22101

34-28s-8w



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

34 28 8W Kingman KS

Schumacher#2

Start Date: 2007.05.08 @ 04:26:45

End Date: 2007.05.08 @ 12:42:15

Job Ticket #: 27020 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

Messenger Petroleum Inc

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

Schumacher#2

34 28 8W Kingman KS

Job Ticket: 27020

DST#: 1

Test Start: 2007.05.08 @ 04:26:45

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:45:00

Time Test Ended: 12:42:15

Interval: **4119.00 ft (KB) To 4129.00 ft (KB) (TVD)**

Total Depth: 4129.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Reference Elevations: 1654.00 ft (KB)

1645.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167

Inside

Press@RunDepth: 133.83 psig @ 4120.00 ft (KB)

Start Date: 2007.05.08

End Date: 2007.05.08

Start Time: 04:26:50

End Time: 12:42:14

Capacity: 7000.00 psig

Last Calib.: 2007.05.08

Time On Btm: 2007.05.08 @ 06:44:00

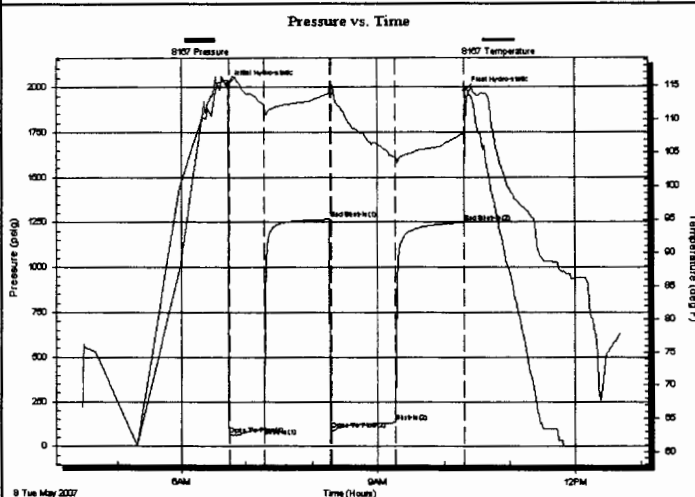
Time Off Btm: 2007.05.08 @ 10:18:59

TEST COMMENT: IF Strong blow GTS in 3.5 mins.(see gas flow report)

ISI Weak blow 1/2 "

FF Strong blow (see gas flow report)

FSI Weak blow 1/2 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2017.88	115.95	Initial Hydro-static
1	65.43	115.51	Open To Flow (1)
33	101.27	112.14	Shut-In(1)
93	1266.78	113.92	End Shut-In(1)
94	90.63	115.52	Open To Flow(2)
152	133.83	104.29	Shut-In(2)
215	1247.83	107.96	End Shut-In(2)
215	1979.37	108.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
155.00	MW OHMS@79 deg 30%M 70%W Rw .160.76	
71.00	GCM 4%G 96%M	0.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	16.00	205.07
Last Gas Rate	0.50	42.00	380.46
Max. Gas Rate	0.50	42.00	380.46



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Schumacher#2

525 S Main
Kingman KS 67068

34 28 8W Kingman KS

Job Ticket: 27020

DST#: 1

ATTN: Jon Messenger

Test Start: 2007.05.08 @ 04:26:45

Tool Information

Drill Pipe:	Length: 3889.00 ft	Diameter: 3.80 inches	Volume: 54.55 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:	24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	55.62 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4119.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4092.00	
Shut In Tool	5.00			4097.00	
Hydraulic tool	5.00			4102.00	
Jars	5.00			4107.00	
Safety Joint	3.00			4110.00	
Packer	4.00			4114.00	28.00 Bottom Of Top Packer
Packer	5.00			4119.00	
Stubb	1.00			4120.00	
Recorder	0.00	8167	Inside	4120.00	
Perforations	4.00			4124.00	
Recorder	0.00	11019	Outside	4124.00	
Bullnose	5.00			4129.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Schumacher#2

525 S Main
Kingman KS 67068

34 28 8W Kingman KS

Job Ticket: 27020

DST#: 1

ATTN: Jon Messenger

Test Start: 2007.05.08 @ 04:26:45

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:

42000 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	MW OHMS@79 deg 30%M 70%W Rw .16	0.762
71.00	GCM 4%G 96%M	0.431

Total Length: 226.00 ft

Total Volume: 1.193 bbl

Num Fluid Samples: 0

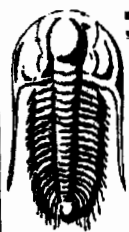
Num Gas Bombs: 0

Serial #: none

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc

Schumacher#2

525 S Main
Kingman KS 67068

34 28 8W Kingman KS

Job Ticket: 27020

DST#: 1

ATTN: Jon Messenger

Test Start: 2007.05.08 @ 04:26:45

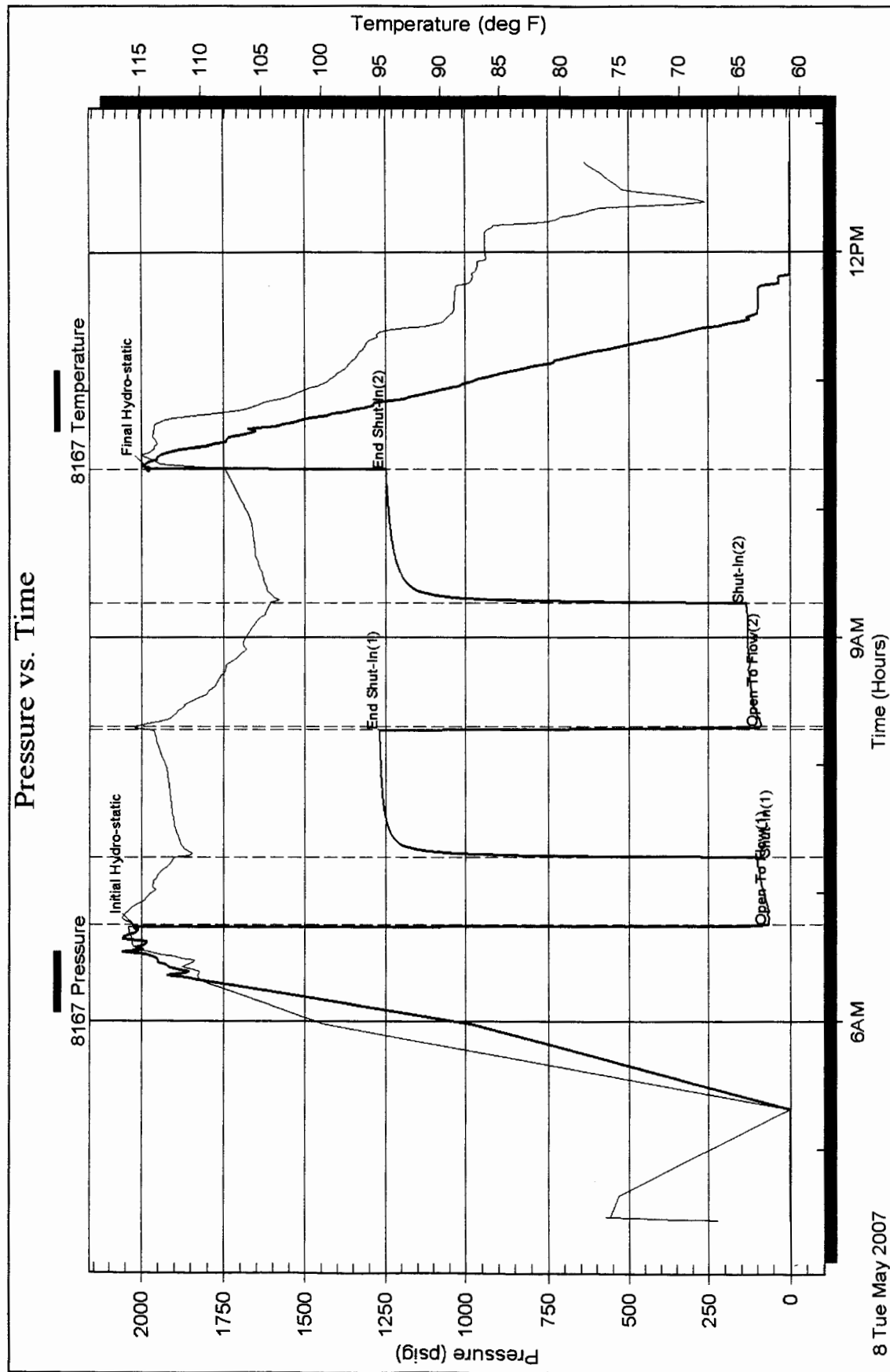
Gas Rates Information

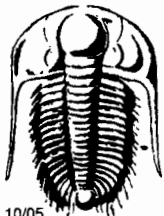
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.50	16.00	205.07
1	10	0.50	16.00	205.07
1	20	0.50	25.00	265.78
1	30	0.50	30.00	299.51
2	10	0.50	34.00	326.49
2	20	0.50	39.00	360.22
2	30	0.50	40.00	366.97
2	40	0.50	41.00	373.71
2	50	0.50	42.00	380.46

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27020

10134

Test Ticket

Well Name & No. <u>Schumacher #2</u>	Test No. <u>DST #1</u>	Date <u>5-8-07</u>
Company <u>Messenger PetL Inc.</u>	Zone Tested <u>Miss</u>	
Address <u>525 S. Main Kingman Ks 67068</u>	Elevation <u>1654</u>	KB <u>1645</u> GL
Co. Rep / Geo. <u>Jon Messenger</u>	Rig <u>Sterling DRUG #4</u>	
Location: Sec. <u>34</u> Twp. <u>28S.</u> Rge. <u>8W.</u>	Co. <u>Kingman</u>	State <u>Ks</u>
Comment: _____		Release date / time: _____

Interval Tested 4119 ~ 4129 Initial Str Wt./Lbs. 72,000 Unseated Str Wt./Lbs. 72,000
 Anchor Length 10' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 4114' Tool Weight 2100#
 Bottom Packer Depth 4119' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4129' Wt. Pipe Run None Drill Collar Run 217'
 Mud Wt. 9.0 LCM 2# Vis. 41 WL 12.0cc Drill Pipe Size 4 1/2" Ft. Run 3889'
 Blow Description IF: Strong below. GTS in 3.5 mins. (see gas flow report)
ISI: Weak below. 1/2"
FF: Strong below. (see gas flow report) FSI: Weak below. 1/2"

Recovery - Total Feet 226 GIP yes Ft. in DC 217 Ft. in DP 9
 Rec. 71 Feet of GCM 4 %gas %oil %water 96 %mud
 Rec. 155 Feet of MW %gas %oil 70 %water 30 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 108 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API
 RW .16 @ 79 °F Chlorides 42,000 ppm Recovery _____ Chlorides 4500 ppm System

AK-1	Alpine	Recorder No.	8167	Test	✓ 1200"
(A) Initial Hydrostatic Mud	2009 PSI	(depth)	4120'	Jars	✓ 250"
(B) First Initial Flow Pressure	65 PSI	Recorder No.	11019	Safety Jt.	✓ 75"
(C) First Final Flow Pressure	101 PSI	(depth)	4124'	Circ Sub	
(D) Initial Shut-In Pressure	1267 PSI	Recorder No.		Sampler	
(E) Second Initial Flow Pressure	91 PSI	(depth)		Straddle	
(F) Second Final Flow Pressure	134 PSI	Initial Opening	30	Ext. Packer	
(G) Final Shut-In Pressure	1248 PSI	Initial Shut-In	60	Shale Packer	
(Q) Final Hydrostatic Mud	1985 PSI	Final Flow	60	Ruined Packer	
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.		Final Shut-In	60	Mileage	85.00
		T-On Location	0325	Sub Total:	1610.00
		× T-Started	0426	Std. By	
		× T-Open	0645	Acc. Chg:	
		T-Pulled	1016	Other:	
		× T-Out	1242	Total:	1610.00

Approved By [Signature]
 Our Representative [Signature]



GAS VOLUME REPORT

Messenger Pct. Inc.
OPERATOR

Schumacher
WELL NAME AND NO.

DST NO

[illegible]

Remarks:

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

