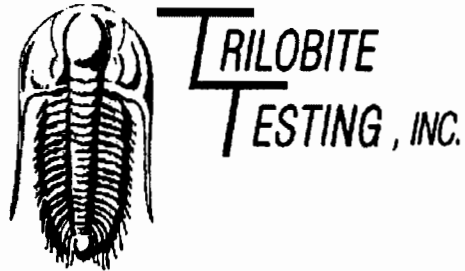


15-095-21954

8-29s-8w



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

8-29s-8w

Ziegler #1

Start Date: 2005.03.21 @ 06:19:17

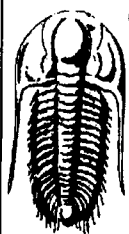
End Date: 2005.03.21 @ 18:50:47

Job Ticket #: 21091 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.

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

Ziegler #1

8-29s-8w

Job Ticket: 21091

DST#: 1

Test Start: 2005.03.21 @ 06:19:17

GENERAL INFORMATION:

Formation: **Swope & Hertha**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 10:08:17

Time Test Ended: 18:50:47

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **19**

Interval: **3875.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Total Depth: **3920.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1691.00 ft (KB)**

1683.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667 Inside

Press@RunDepth: **386.89 psig @ 3876.00 ft (KB)**

Start Date: **2005.03.21**

End Date:

2005.03.21

Start Time: **06:19:22**

End Time:

18:50:47

Capacity: **7000.00 psig**

Last Calib.: **2002.03.21**

Time On Btm: **2005.03.21 @ 10:04:32**

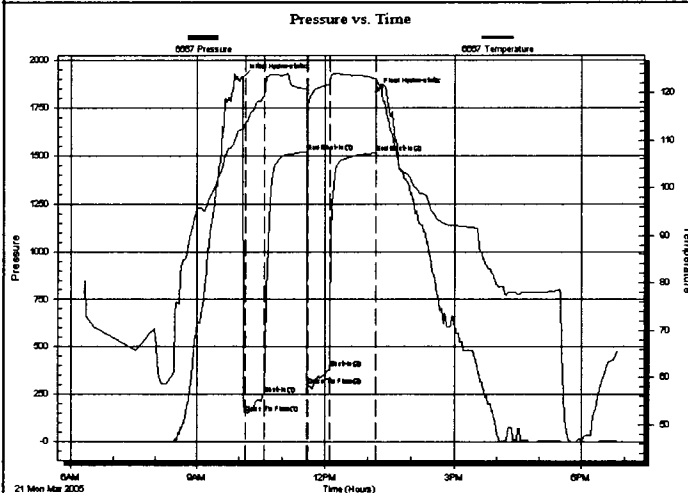
Time Off Btm: **2005.03.21 @ 13:11:02**

TEST COMMENT: **IF: Strong blow . BOB 30sec. GTS 7min 45sec.**

IS: Bled off. Blew back BOB after 30 sec.

FF: Strong blow . BOB Immediately.

FS: Bled off. Blew back BOB Immediately.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1910.40	112.25	Initial Hydro-static
4	148.22	113.62	Open To Flow (1)
31	250.92	119.13	Shut-In(1)
91	1519.94	120.66	End Shut-In(1)
92	294.50	114.19	Open To Flow (2)
122	386.89	121.83	Shut-In(2)
186	1514.19	123.05	End Shut-In(2)
187	1834.40	123.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
247.00	W&MCOsyo 31%g 35%o 17%w 17%h	1.21
185.00	G&MCO 4%g 76%o 20%h	2.19
893.00	MCO 2%g 88%o 10%h	10.63
40.00	HG&OCM 12%g 34%o 54%h	0.48

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	4.00	124.12
Last Gas Rate		0.00	
Max. Gas Rate	0.25	30.00	70.44



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

Ziegler #1

8-29s-8w

Job Ticket: 21091

DST#: 1

Test Start: 2005.03.21 @ 06:19:17

Tool Information

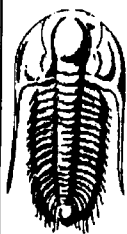
Drill Pipe:	Length: 3632.00 ft	Diameter: 3.50 inches	Volume: 43.22 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: lb
		Total Volume:	44.44 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3875.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3852.00	
Hydraulic tool	5.00			3857.00	
Jars	5.00			3862.00	
Safety Joint	3.00			3865.00	
Packer	5.00			3870.00	28.00 Bottom Of Top Packer
Packer	5.00			3875.00	
Stubb	1.00			3876.00	
Recorder	0.00	6667	Inside	3876.00	
Perforations	41.00			3917.00	
Recorder	0.00	6074	Outside	3917.00	
Bullnose	3.00			3920.00	45.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

Ziegler #1

529 S. Main St.
Kingman, KS 67068

8-29s-8w

Job Ticket: 21091

DST#: 1

ATTN: John Messenger

Test Start: 2005.03.21 @ 06:19:17

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
247.00	W&MGSyO 31%g 35%o 17%w 17%m	1.215
185.00	G&MCO 4%g 76%o 20%m	2.188
893.00	MCO 2%g 88%o 10%m	10.627
40.00	HG&OCM 12%g 34%o 54%m	0.476

Total Length: 1365.00 ft

Total Volume: 14.506 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #: JF

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum, Inc.

Ziegler #1

529 S. Main St.
Kingman, KS 67068

8-29s-8w

Job Ticket: 21091

DST#: 1

ATTN: John Messenger

Test Start: 2005.03.21 @ 06:19:17

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	4.00	124.12
1	15	0.50	5.00	130.87
1	20	0.50	3.50	120.75
2	5	0.13	5.00	7.26
2	10	0.25	30.00	70.44
2	15	0.38	21.00	129.68
2	20	0.50	9.00	157.85
2	25	0.50	2.00	110.63
2	30	0.50	14.00	191.58
0	0	-999999.00	0.00	-999999.00

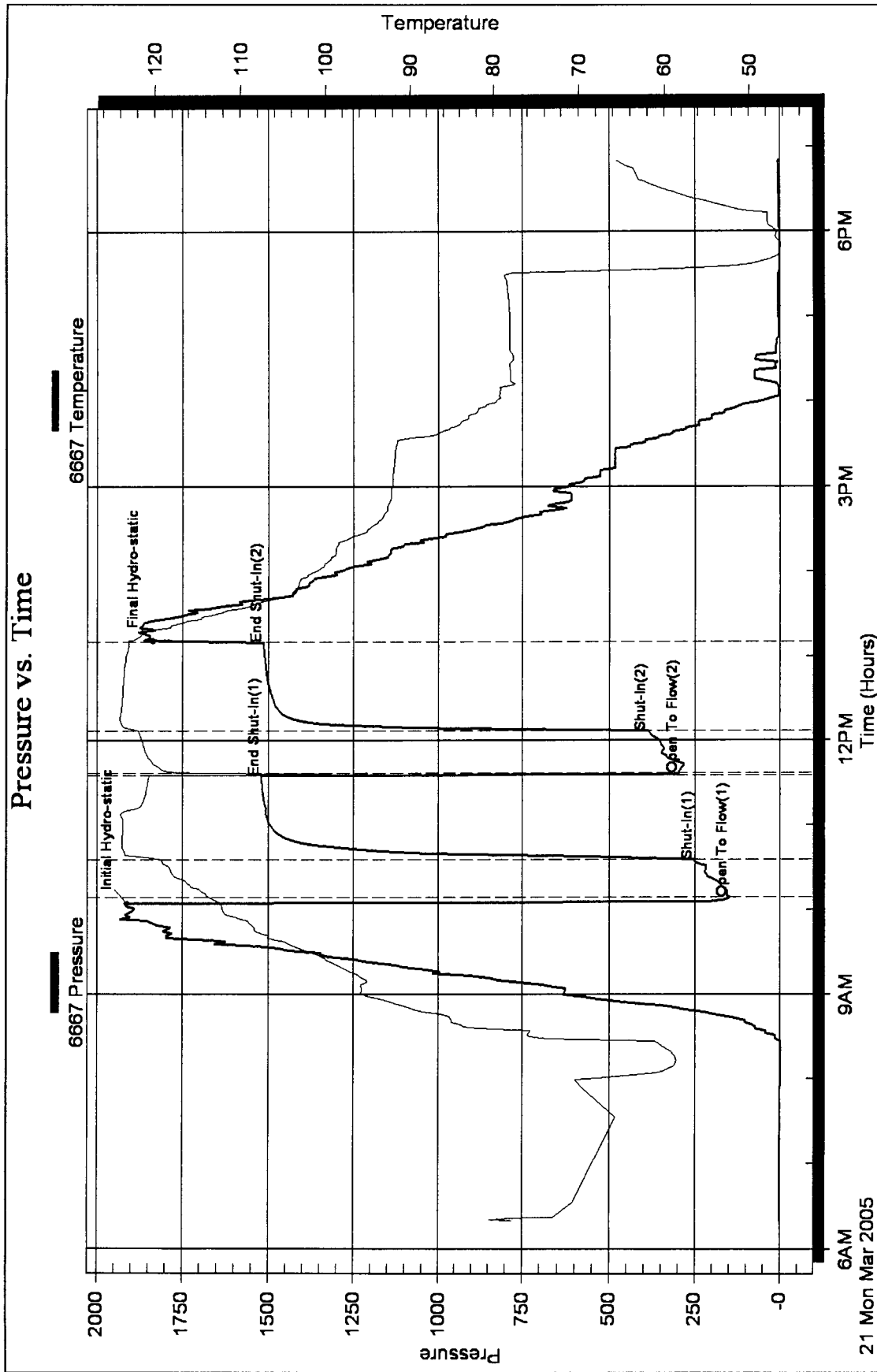
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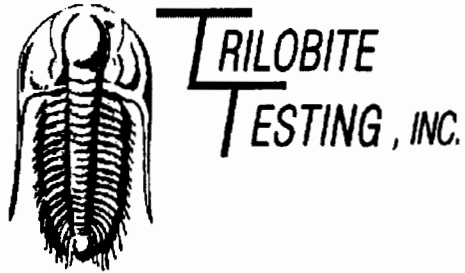
Inside

Messenger Petroleum, Inc.

8-29s-8w

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

8-29s-8w

Ziegler #1

Start Date: 2005.03.23 @ 00:35:36

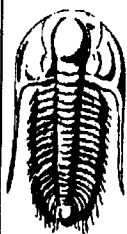
End Date: 2005.03.23 @ 10:14:06

Job Ticket #: 21092 DST #: 2

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.

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

Ziegler #1

8-29s-8w

Job Ticket: 21092

DST#: 2

Test Start: 2005.03.23 @ 00:35:36

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:47:36

Time Test Ended: 10:14:06

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 19

Interval: **4173.00 ft (KB) To 4185.00 ft (KB) (TVD)**

Reference Elevations: 1691.00 ft (KB)

Total Depth: 4185.00 ft (KB) (TVD)

1683.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6667 Inside

Press@RunDepth: 99.84 psig @ 4174.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.03.23

End Date: 2005.03.23

Last Calib.: 2005.03.23

Start Time: 00:35:41

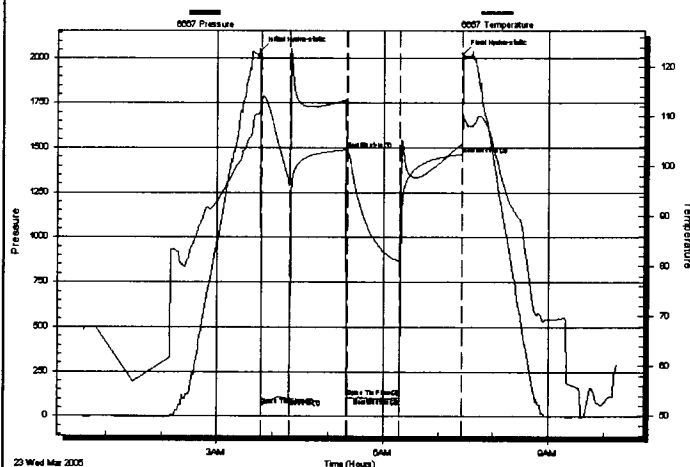
End Time: 10:14:06

Time On Btm: 2005.03.23 @ 03:46:51

Time Off Btm: 2005.03.23 @ 07:26:51

TEST COMMENT: IF: Strong blow . BOB 10sec. GTS 6min 15sec.
IS: Bled off. No blow back.
FF: Strong blow . BOB Immediately.
FS: Bled off. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.68	111.51	Initial Hydro-static
1	59.65	113.02	Open To Flow (1)
31	99.84	96.16	Shut-In (1)
92	1487.73	113.30	End Shut-In (1)
94	109.85	102.75	Open To Flow (2)
151	104.50	80.95	End Shut-In (2)
219	1464.01	104.57	End Shut-In (3)
220	2029.18	109.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	WCM 10%w 90%rm	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	22.00	245.54
Last Gas Rate		0.00	
Max. Gas Rate	0.50	44.00	393.95



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

Ziegler #1

8-29s-8w

Job Ticket: 21092

DST#: 2

Test Start: 2005.03.23 @ 00:35:36

Tool Information

Drill Pipe:	Length: 3913.00 ft	Diameter: 3.50 inches	Volume: 46.56 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 66000.00 lb
		Total Volume: 47.78 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4173.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4150.00	
Hydraulic tool	5.00			4155.00	
Jars	5.00			4160.00	
Safety Joint	3.00			4163.00	
Packer	5.00			4168.00	28.00 Bottom Of Top Packer
Packer	5.00			4173.00	
Stubb	1.00			4174.00	
Recorder	0.00	6667	Inside	4174.00	
Perforations	8.00			4182.00	
Recorder	0.00	6074	Outside	4182.00	
Bullnose	3.00			4185.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

Ziegler #1

529 S. Main St.
Kingman, KS 67068

8-29s-8w

Job Ticket: 21092

DST#: 2

ATTN: John Messenger

Test Start: 2005.03.23 @ 00:35:36

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	WCM 10%w 90%m	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 1

Num Gas Bombs: 2

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Not enough water to check resistivity.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum, Inc.

Ziegler #1

529 S. Main St.
Kingman, KS 67068

8-29s-8w

Job Ticket: 21092

DST#: 2

ATTN: John Messenger

Test Start: 2005.03.23 @ 00:35:36

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	2	0.50	22.00	245.54
1	5	0.50	27.00	279.27
1	10	0.50	41.00	373.71
1	15	0.75	23.00	584.18
1	20	0.75	19.50	529.51
1	24	0.75	19.00	521.70
2	5	0.50	44.00	393.95
2	10	0.75	25.00	615.42
2	15	0.75	24.00	599.80
2	20	0.75	24.00	599.80
2	25	0.75	23.50	591.99
2	30	0.75	23.50	591.99
2	35	0.75	23.50	591.99
2	40	0.75	23.50	591.99
2	45	0.75	23.50	591.99
2	50	0.75	23.50	591.99
2	55	0.75	23.50	591.99
2	60	0.75	23.50	591.99
0	0	-999999.00	0.00	-999999.00

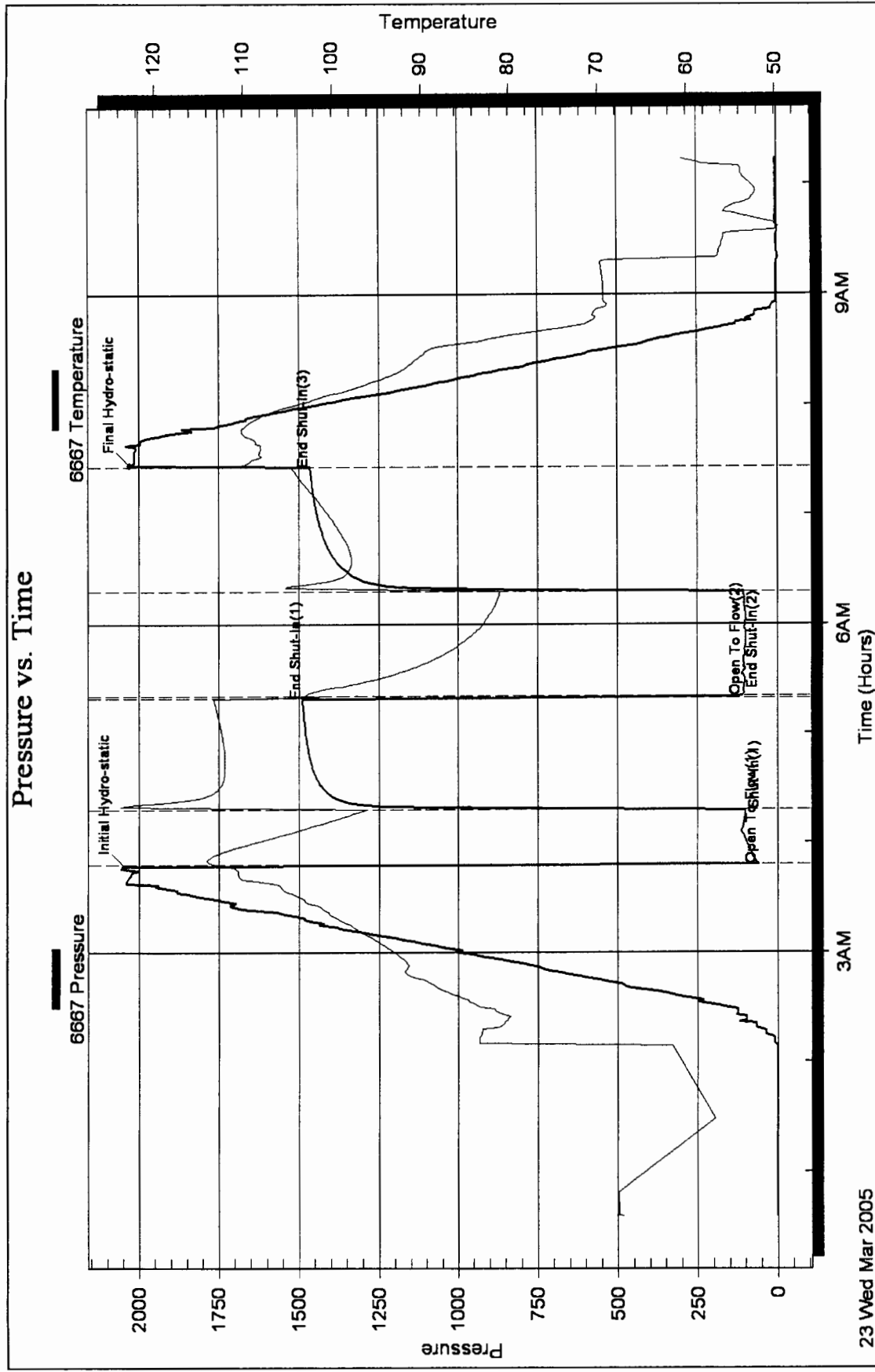
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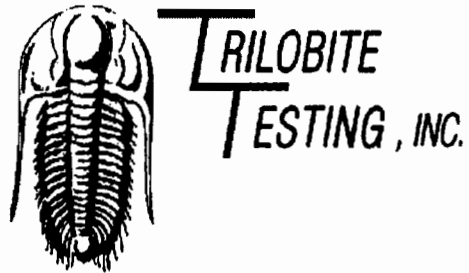
Inside

Messenger Petroleum, Inc.

8-29s-8w

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

8-29s-8w

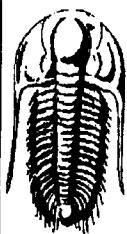
Ziegler #1

Start Date: 2005.03.23 @ 16:40:11

End Date: 2005.03.24 @ 01:46:56

Job Ticket #: 21093 DST #: 3

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.

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

Ziegler #1

8-29s-8w

Job Ticket: 21093

DST#: 3

Test Start: 2005.03.23 @ 16:40:11

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:03:11

Time Test Ended: 01:46:56

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 19

Interval: 4185.00 ft (KB) To 4200.00 ft (KB) (TVD)

Total Depth: 4200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1691.00 ft (KB)

1683.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667

Inside

Press@RunDepth: 132.64 psig @ 4186.00 ft (KB)

Start Date: 2005.03.23

End Date:

2005.03.24

Start Time: 16:40:16

End Time:

01:46:56

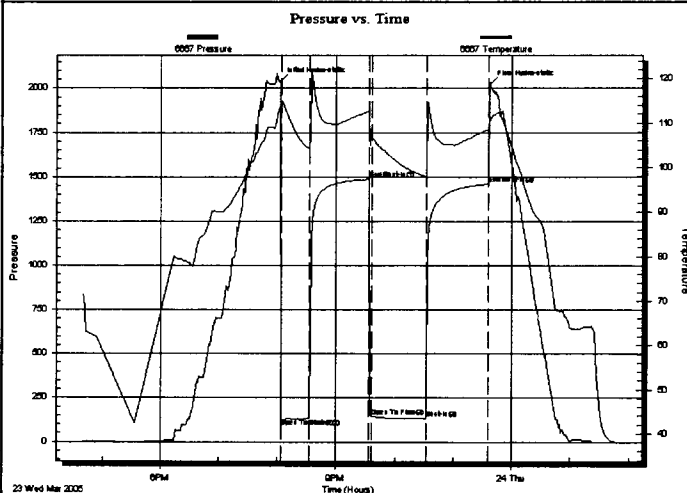
Capacity: 7000.00 psig

Last Calib.: 2002.03.24

Time On Btm: 2005.03.23 @ 20:02:11

Time Off Btm: 2005.03.23 @ 23:37:41

TEST COMMENT: IF: Strong blow . BOB 10sec. GTS 4min.
IS: Bled off. Blew back @ 1.5" & maintained.
FF: Strong blow . BOB immediately.
FS: Bled off. Blew back @ 2" & maintained.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.18	113.44	Initial Hydro-static
1	82.89	114.88	Open To Flow (1)
31	130.46	103.96	Shut-In(1)
92	1485.76	112.75	End Shut-In(1)
94	141.99	106.82	Open To Flow (2)
150	132.64	97.94	Shut-In(2)
214	1460.03	108.59	End Shut-In(2)
216	2026.50	110.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Watery Mud 50%w 50%m	0.59
0.00	Rw: .2 ohms @ 43 deg F. = 63,000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	35.00	333.24
Last Gas Rate	0.75	33.00	740.38
Max. Gas Rate	0.50	35.00	333.24



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

529 S. Main St.
Kingman, KS 67068

ATTN: John Messenger

Ziegler #1

8-29s-8w

Job Ticket: 21093

DST#: 3

Test Start: 2005.03.23 @ 16:40:11

Tool Information

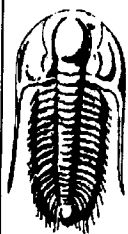
Drill Pipe:	Length: 3913.00 ft	Diameter: 3.50 inches	Volume: 46.56 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 69000.00 lb
		Total Volume:	47.78 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4185.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4162.00	
Hydraulic tool	5.00			4167.00	
Jars	5.00			4172.00	
Safety Joint	3.00			4175.00	
Packer	5.00			4180.00	28.00 Bottom Of Top Packer
Packer	5.00			4185.00	
Stubb	1.00			4186.00	
Recorder	0.00	6667	Inside	4186.00	
Perforations	11.00			4197.00	
Recorder	0.00	11019	Outside	4197.00	
Bullnose	3.00			4200.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

Ziegler #1

529 S. Main St.
Kingman, KS 67068

8-29s-8w

Job Ticket: 21093

DST#: 3

ATTN: John Messenger

Test Start: 2005.03.23 @ 16:40:11

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: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Watery Mud 50%w 50%m	0.590
0.00	Rw: .2 ohms @ 43 deg F. = 63,000 ppm	0.000

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 1

Num Gas Bombs: 3

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum, Inc.

Ziegler #1

529 S. Main St.
Kingman, KS 67068

8-29s-8w

Job Ticket: 21093

DST#: 3

ATTN: John Messenger

Test Start: 2005.03.23 @ 16:40:11

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	5	0.50	35.00	333.24
1	5	0.50	35.00	333.24
1	10	0.75	25.00	615.42
1	15	0.75	25.50	623.23
1	20	0.75	27.00	646.66
1	25	0.75	28.50	670.09
1	30	0.75	29.00	677.90
2	5	0.75	31.00	709.14
2	10	0.75	35.00	771.62
2	15	0.75	35.00	771.62
2	20	0.75	34.00	756.00
2	25	0.75	33.50	748.19
2	30	0.75	33.50	748.19
2	35	0.75	33.00	740.38
2	40	0.75	33.00	740.38
2	45	0.75	33.00	740.38
2	50	0.75	33.00	740.38
2	55	0.75	33.00	740.38
2	60	0.75	33.00	740.38

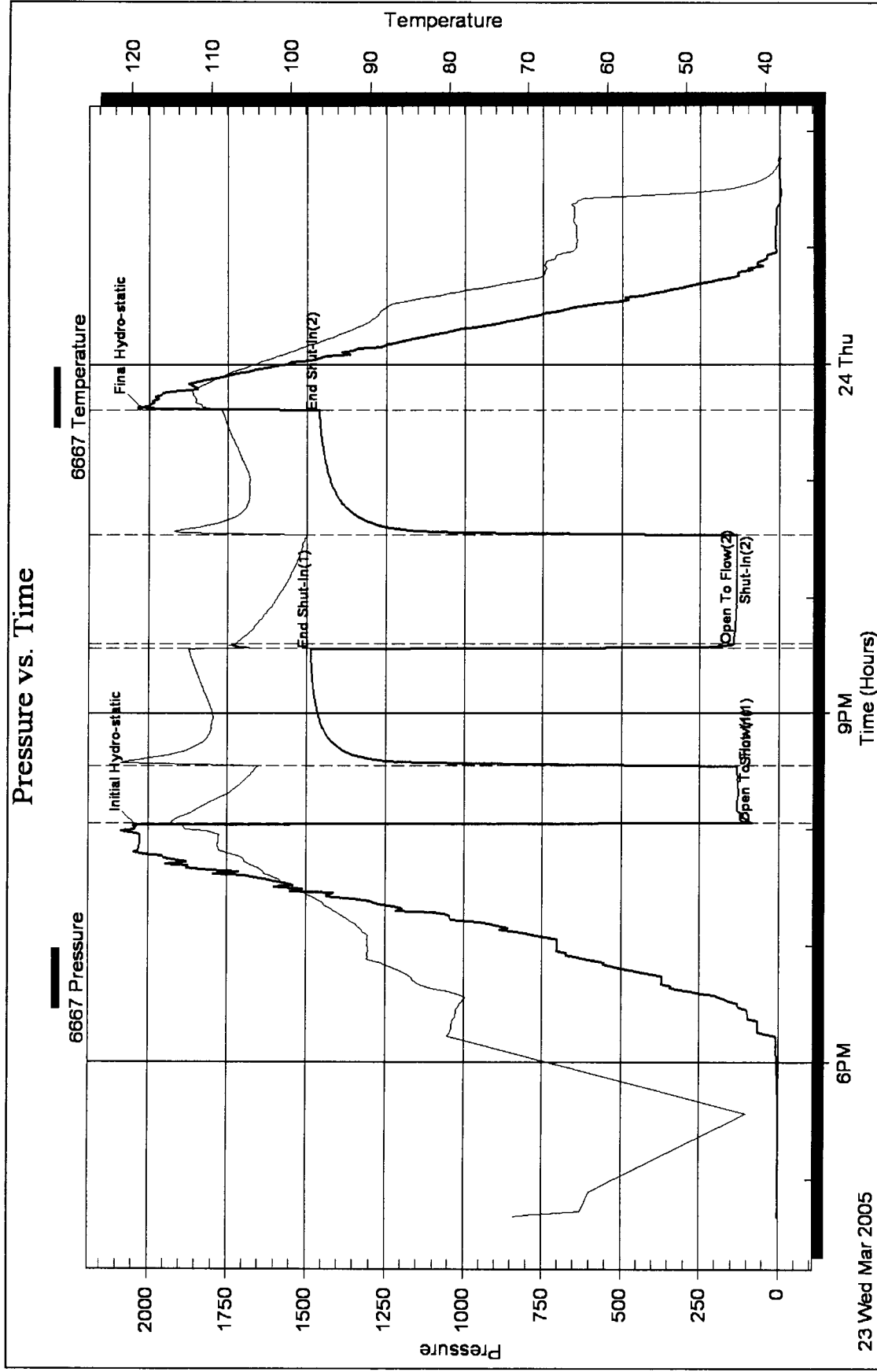
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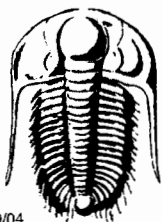
Inside

Messenger Petroleum, Inc.

8-29s-8w

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21091

Test Ticket

Well Name & No. Ziegler #1 Test No. 1 Date 3-21-05
 Company Messenger Petroleum Inc. Zone Tested Swope + Hertha
 Address 529 S. Main Kingman, KS 67068 Elevation 1691 KB 1683 GL
 Co. Rep / Geo. John Messenger Cont. Sterling Dtg Rig #4 Est. Ft. of Pay — Por. — %
 Location: Sec. 8 Twp. 29s Rge. 8w Co. Kingman State KS
 No. of Copies — Distribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 3875 - 3920 Initial Str Wt./Lbs. 62000 Unseated Str Wt./Lbs. 66000
 Anchor Length 45 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 20000
 Top Packer Depth 3870 Tool Weight 2100
 Bottom Packer Depth 3875 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 3920 Wt. Pipe Run — Drill Collar Run 249
 Mud Wt. 9.0 LCM — Vis. 49 WL 10.4 Drill Pipe Size 4 1/2 X H Ft. Run 3632
 Blow Description IF: Strong blow. BOB 30 sec. GTS 7 min 45 sec.

ISI: Bled off. Blow Back BOB after 30 sec.

FF: Strong Blow. BOB Immediately.

FST: Bled off. BOB Immediately.

Recovery - Total Feet 1365 GIP yes (all fluid free pipe) Ft. in DC 249 Ft. in DP 1116
 Rec. 40 Feet of HG+OCM 12 %gas 34 %oil — %water 54 %mud
 Rec. 893 Feet of MC 2 %gas 88 %oil — %water 10 %mud
 Rec. 185 Feet of C+MCO 4 %gas 76 %oil — %water 20 %mud
 Rec. 247 Feet of W+MCGsy O 31 %gas 35 %oil 17 %water 17 %mud
 Rec. — Feet of W+MCGsy O %gas — %oil — %water — %mud
 BHT 123 °F Gravity 33 °API D @ 60 °F Corrected Gravity 33 °API
 RW NC @ — °F Chlorides — ppm Recovery — Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1910	PSI	Recorder No.	6667	Test	900
(B) First Initial Flow Pressure			148	PSI	(depth)	3876	Jars	200
(C) First Final Flow Pressure			251	PSI	Recorder No.	6079	Safety Jt.	50
(D) Initial Shut-In Pressure			1520	PSI	(depth)	3917	Circ Sub	NC
(E) Second Initial Flow Pressure			295	PSI	Recorder No.	—	Sampler	—
(F) Second Final Flow Pressure			387	PSI	(depth)	—	Straddle	—
(G) Final Shut-In Pressure			1514	PSI	Initial Opening	30	Ext. Packer	—
(Q) Final Hydrostatic Mud			1834	PSI	Initial Shut-In	60	Shale Packer	—
					Final Flow	30	Ruined Packer	—
					Final Shut-In	60	Mileage	75

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Approved By John L. Messenger

Our Representative Jacob E. Schreiner

T-On Location

T-Started

T-Open

T-Pulled

T-Out

5:00

6:19

10:08

13:09

18:44

Test 900

Jars 200

Safety Jt. 50

Circ Sub NC

Sampler

Straddle

Ext. Packer

Shale Packer

Ruined Packer

Mileage 75

Sub Total: 1225

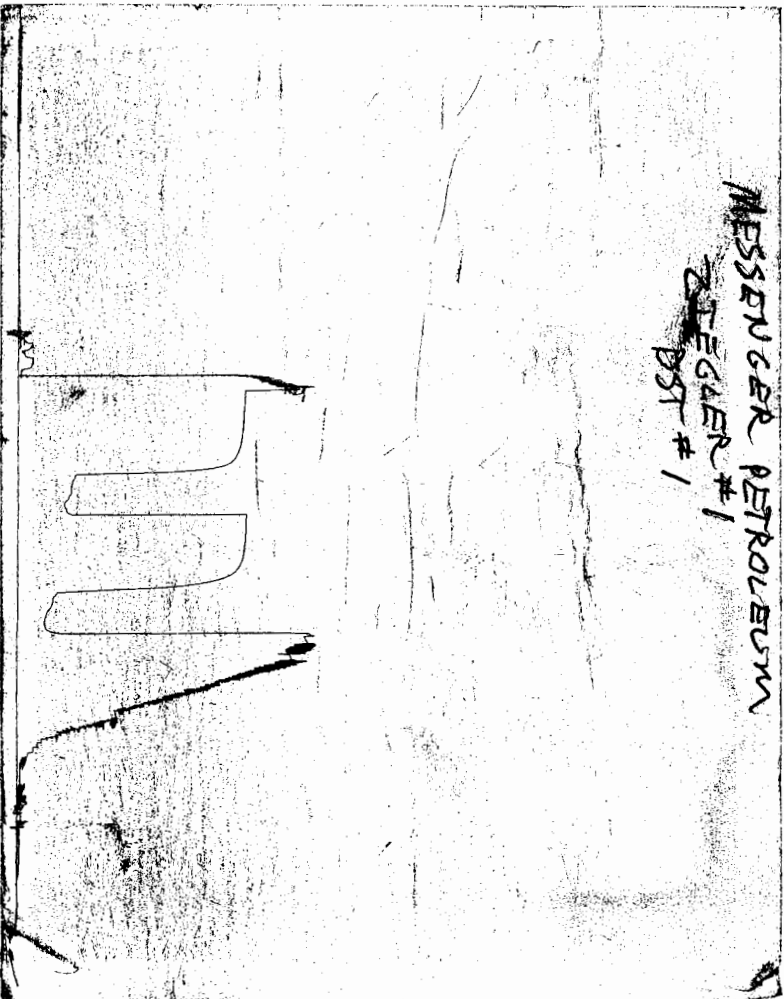
Std. By 5 hrs 120

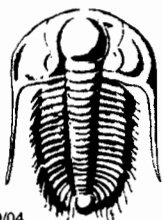
Other 30

Total: 1375

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21092

9/04

Test Ticket

Well Name & No. <u>ZIEGLER #1</u>	Test No. <u>2</u>	Date <u>3-23-04</u>
Company <u>Messenger Petroleum Inc.</u>	Zone Tested <u>Mississippi</u>	
Address <u>529 S. Main Kingman, KS 67068</u>	Elevation <u>1691</u>	KB <u>1683</u> GL
Co. Rep / Geo. <u>John Messenger</u>	Cont. <u>Sterling Dtg. Rig #4</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>8</u> Twp. <u>29s</u> Rge. <u>8w</u>	Co. <u>Kingman</u>	State <u>KS</u>
No. of Copies <u> </u>	Disbtribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4173 - 4185</u>	Initial Str Wt./Lbs. <u> </u>	Unseated Str Wt/Lbs. <u> </u>
Anchor Length <u>12</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u> </u>
Top Packer Depth <u>4168</u>	Tool Weight <u>21000</u>	
Bottom Packer Depth <u>4173</u>	Hole Size 7 7/8" <u>YES</u>	Rubber Size 6 3/4" <u>YES</u>
Total Depth <u>4185</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>249</u>
Mud Wt. <u>9.3</u> LCM <u>X</u> Vis. <u>42</u> WL <u>10.0</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>3913</u>
Blow Description <u>IF: Strong blow. BOB 10 seconds. GTS 6 minutes 15 seconds.</u>		

IS I: Bled off. No blowback.

FF: Strong blow. BOB Immediately.

FS I: Bled off. No blowback.

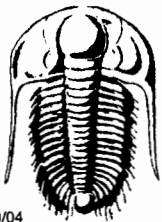
Recovery - Total Feet <u>90</u>	GIP <u>yes</u>	Ft. in DC <u>90</u>	Ft. in DP <u> </u>
Rec. <u>90</u> Feet of <u>WCM</u>	<u>X</u> %gas	<u>X</u> %oil	<u>10</u> %water <u>90</u> %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
BHT <u>105</u> °F Gravity <u>NA</u>	*API D @ <u> </u>	*F Corrected Gravity <u> </u>	*API <u> </u>
RW <u>NL</u> @ <u> </u> °F	Chlorides <u> </u> ppm	Recovery <u> </u>	Chlorides <u>4000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2046</u> PSI	Alpine	Recorder No. <u>6667</u>	Test <u>✓</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>60</u> PSI		(depth) <u>4174</u>	Jars <u>✓</u>	<u>200</u>
(C) First Final Flow Pressure	<u>100</u> PSI		Recorder No. <u>6074</u>	Safety Jt. <u>✓</u>	<u>60</u>
(D) Initial Shut-In Pressure	<u>1488</u> PSI		(depth) <u>4182</u>	Circ Sub <u>NL</u>	
(E) Second Initial Flow Pressure	<u>110</u> PSI		Recorder No. <u> </u>	Sampler <u> </u>	
(F) Second Final Flow Pressure	<u>105</u> PSI		(depth) <u> </u>	Straddle <u> </u>	
(G) Final Shut-In Pressure	<u>1464</u> PSI	Initial Opening	<u>30</u>	Ext. Packer <u> </u>	
(Q) Final Hydrostatic Mud	<u>2029</u> PSI	Initial Shut-In	<u>60</u>	Shale Packer <u> </u>	
		Final Flow	<u>60</u>	Ruined Packer <u> </u>	
		Final Shut-In	<u>60</u>	Mileage <u>75</u>	
		T-On Location	<u>23:00</u>	Sub Total: <u>1325</u>	
		T-Started	<u>00:35</u>	Std. By <u>ghr</u>	<u>60</u>
		T-Open	<u>3:47</u>	Other <u> </u>	
		T-Pulled	<u>7:26</u>	Total: <u>\$1385</u>	
		T-Out	<u>10:14</u>		

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Approved By John Messenger

Our Representative John Messenger thanks



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 21093

Test Ticket

Well Name & No.	Ziegler #1	Test No.	3	Date	3-23-05
Company	Messenger Petroleum Inc	Zone Tested	Mississippi		
Address	529 S. Main Kingman KS 67068	Elevation	1691	KB	1683
Co. Rep / Geo.	John Messenger	Cont.	Sterling Drig Rig #4	Est. Ft. of Pay	—
Location: Sec.	8	Twp.	29S	Rge.	8 W
		Co.	Kingman	State	KS
No. of Copies	—	Disbtribution Sheet (Y, N)	—	Turnkey (Y, N)	—
		Evaluation (Y, N)	—		

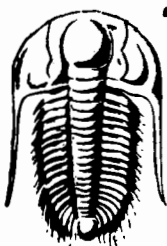
Interval Tested	4185 ~ 4200	Initial Str Wt./Lbs.	—	Unseated Str Wt./Lbs.	—
Anchor Length	15	Wt. Set Lbs.	20000	Wt. Pulled Loose/Lbs.	—
Top Packer Depth	4180	Tool Weight	2100		
Bottom Packer Depth	4185	Hole Size 7 7/8"	Yes	Rubber Size 6 3/4"	Yes
Total Depth	4200	Wt. Pipe Run	—	Drill Collar Run	249
Mud Wt.	9.2	Drill Pipe Size	4 1/2" XH	Ft. Run	3913
LCM	146				
Vis.	43				
WL	8.8				
Blow Description	IF: Strong Blow. BOB 10sec. GTS 4min. ISI: Bled off. Blewback at 1.5" & Maintained. FF: Strong Blow. BOB Immediately. FSI: Bled off. Blewback at 2" & Maintained.				
Recovery - Total Feet	120	GIP	yes (AFFP)	Ft. in DC	120
Rec.	120	Feet of	Watery Mud	%gas	—
				%oil	—
				%water	50
				%mud	50
Rec.		Feet of		%gas	—
				%oil	—
				%water	—
				%mud	—
Rec.		Feet of		%gas	—
				%oil	—
				%water	—
				%mud	—
BHT	109	°F Gravity	NC	°API D @	—
				°F Corrected Gravity	—
°API					
RW	.20-2	@	43	°F	—
Chlorides	63000	ppm Recovery	—	Chlorides	4500
				ppm System	—

(A) Initial Hydrostatic Mud	AK-1	Alpine	2039 PSI	Recorder No.	6667	Test	✓	1000
(B) First Initial Flow Pressure			83 PSI	(depth)	4188	Jars	✓	200
(C) First Final Flow Pressure			130 PSI	Recorder No.	11019	Safety Jt.	✓	50
(D) Initial Shut-In Pressure			1486 PSI	(depth)	4197	Circ Sub	NC	
(E) Second Initial Flow Pressure			142 PSI	Recorder No.	—	Sampler		
(F) Second Final Flow Pressure			133 PSI	(depth)	—	Straddle		
(G) Final Shut-In Pressure			1460 PSI	Initial Opening	30	Ext. Packer		
(Q) Final Hydrostatic Mud			2027 PSI	Initial Shut-In	60	Shale Packer		
				Final Flow	60	Ruined Packer		
				Final Shut-In	60	Mileage		75
				T-On Location	16:30	Sub Total:		1325
				T-Started	16:40	Std. By		
				T-Open	20:02	Other		
				T-Pulled	23:35	Total:		
				T-Out	01:47			

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Approved By _____

Our Representative James E. Schaefer Thomson



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 825-4778

GAS VOLUME REPORT

Messenger Petroleum Inc

OPERATOR

Ziegler #1

WELL NAME AND NO.

3

DST NO.

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
F 5	35 psi	.5"	310,500				
10	25 psi	.75"	557,7 575,800				
15	25.5 psi	.75"	582,000				
20	27 psi	.75"	604,900				
25	28.5 psi	.75"	626,000				
30	29 psi	.75"	633,900				
F 5	31 psi	.75"	663,000				
10	35 psi	.75"	721,200				
15	35 psi	.75"	721,200				
20	34 psi	.75"	706,600				
25	33.5 psi	.75"	699,000				
30	33.5 psi	.75"	699,000				
35	33 psi	.75"	692,100				
40	33 psi	.75"	692,100				
45	33 psi	.75"	692,100				
50	33 psi	.75"	692,100				
55	33 psi	.75"	692,100				
60	33 psi	.75"	692,100				

Remarks:

Burned off gas.

CHART PAGE

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

