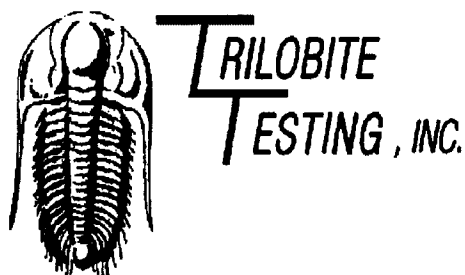


15-007-22705

2-33s-15w



DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum, Corp**

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

2-33s-15w Barber, KS

#1 DeGeer

Start Date: 2001.05.14 @ 14:01:20

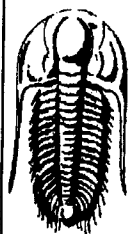
End Date: 2001.05.14 @ 20:50:20

Job Ticket #: 15715 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

White Pine Petroleum, Corp

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

#1 DeGeer

2-33s-15w Barber, KS

Job Ticket: 15715

DST#: 1

Test Start: 2001.05.14 @ 14:01:20

GENERAL INFORMATION:

Formation: **Krider**

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

Time Tool Opened: 15:41:20

Time Test Ended: 20:50:20

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **19**

Interval: **2323.00 ft (KB) To 2360.00 ft (KB) (TVD)**

Total Depth: **2360.00 ft (KB) (TVD)**

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

Reference Elevations: **1988.00 ft (KB)**

1978.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 3302

Inside

Press@RunDepth: **141.08 psig @ 2324.00 ft (KB)**

Start Date: **2001.05.14**

End Date:

2001.05.14

Start Time: **14:01:22**

End Time:

20:50:20

Capacity: **7000.00 psig**

Last Calib.: **2002.05.14**

Time On Btm: **2001.05.14 @ 15:40:50**

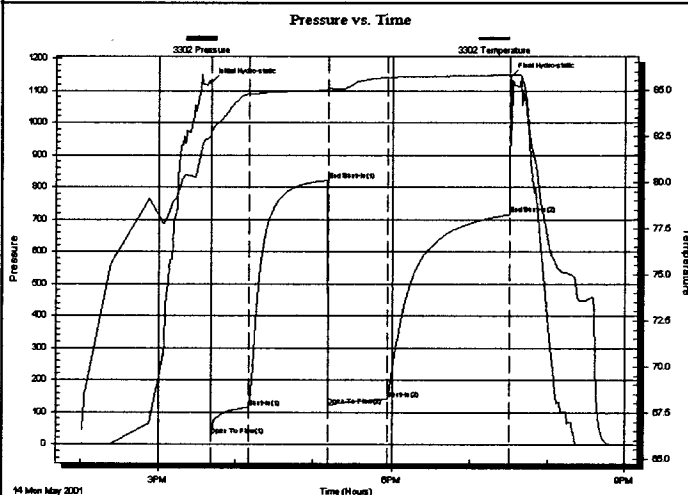
Time Off Btm: **2001.05.14 @ 19:30:50**

TEST COMMENT: **IF: Fair blow b.o.b in 90 sec.**

IS: Bled down n for 5 min. no blow back.

FF: Weak blow b.o.b in 34 min.

FS: Bled down n for 10 min. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1124.93	82.54	Initial Hydro-static
1	27.72	82.75	Open To Flow (1)
30	115.04	84.80	Shut-in(1)
91	820.16	85.00	End Shut-in(1)
91	119.99	85.14	Open To Flow(2)
136	141.08	85.69	Shut-in(2)
230	715.54	85.83	End Shut-in(2)
230	1143.66	85.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	01 - Gas	0.59
180.00	402 - GCMW 10%gas 60%water 30%mu	1.97
75.00	VSGCWM 4%gas 31%water 65%mud	1.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15715

DST#: 1

ATTN: Brad Rine

Test Start: 2001.05.14 @ 14:01:20

Tool Information

Drill Pipe:	Length: 2140.00 ft	Diameter: 3.80 inches	Volume: 30.02 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: 181.02 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 30.91 bbl		Tool Chased 7.00 ft
Drill Pipe Above KB:	19.02 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	2323.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2303.00	
S.I. Tool	5.00			2308.00	
HMV	5.00			2313.00	
Packer	5.00			2318.00	21.00 Bottom Of Top Packer
Packer	5.00			2323.00	
Stubb	1.00			2324.00	
Recorder	0.00	3302	Inside	2324.00	
Anchor	33.00			2357.00	
Recorder	0.00	10991	Outside	2357.00	
Bullnose	3.00			2360.00	37.00 Bottom Packers & Anchor
Total Tool Length:	58.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15715

DST#: 1

ATTN: Brad Rine

Test Start: 2001.05.14 @ 14:01:20

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:

90000 ppm

Viscosity: 32.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: 0.10 ohm.m

Gas Cushion Pressure:

psig

Salinity: 74000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	01 - Gas	0.590
180.00	402 - GCMW 10%gas 60%water 30%mud	1.969
75.00	VSGCWM 4%gas 31%water 65%mud	1.052

Total Length: 375.00 ft

Total Volume: 3.611 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:

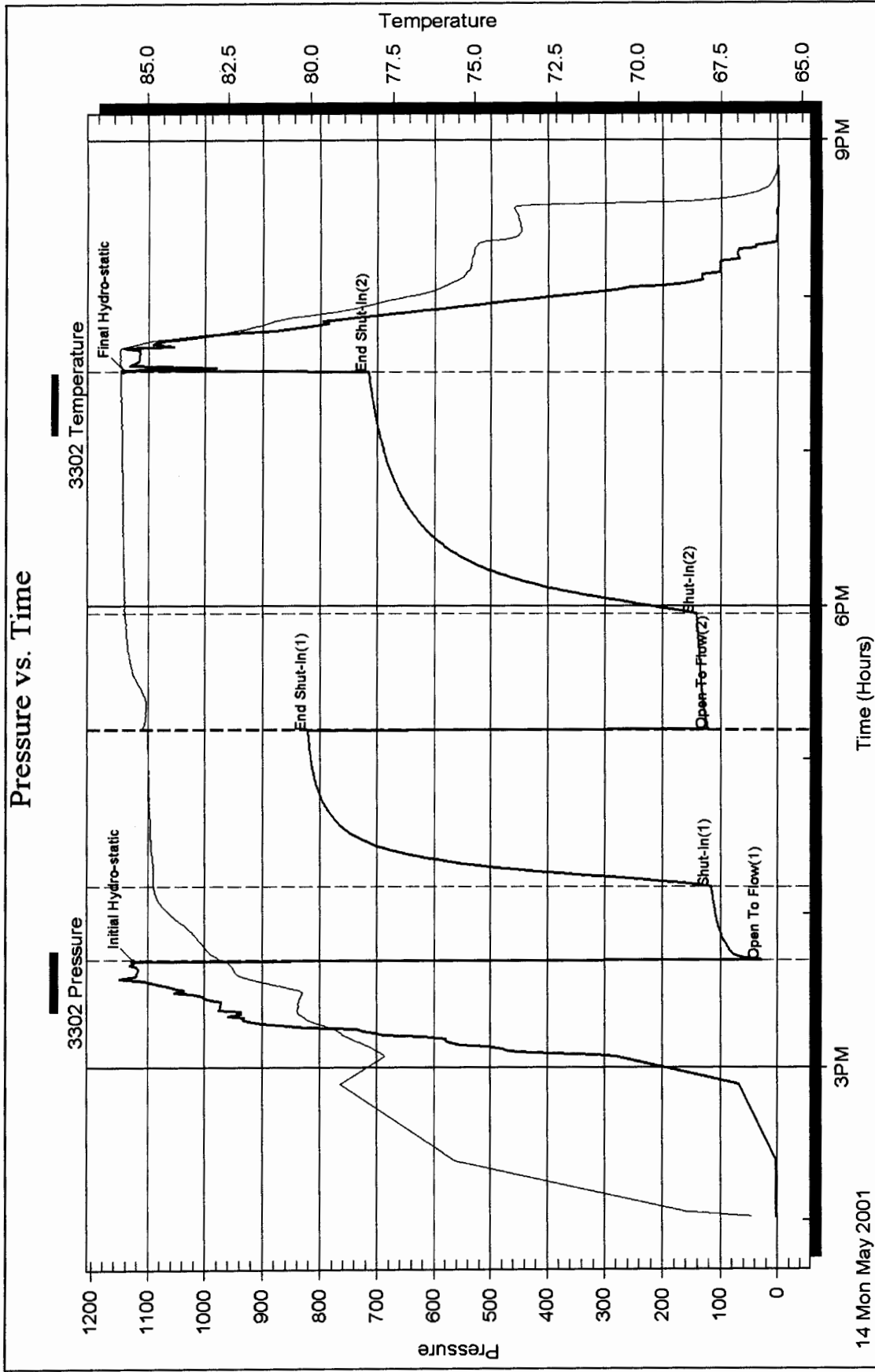
Serial #: 3302

Inside

White Fine Petroleum, Corp

2-33s-15w Barber, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum, Corp**

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

2-33s-15w Barber, KS

#1 DeGeer

Start Date: 2002.05.15 @ 14:30:21

End Date: 2002.05.15 @ 20:36:06

Job Ticket #: 15716 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

White Pine Petroleum, Corp

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

#1 DeGeer

2-33s-15w Barber, KS

Job Ticket: 15716

DST#: 2

Test Start: 2002.05.15 @ 14:30:21

GENERAL INFORMATION:

Formation: **Wreford**

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

Time Tool Opened: 15:36:36

Time Test Ended: 20:36:06

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **2602.00 ft (KB) To 2650.00 ft (KB) (TVD)**

Total Depth: **2650.00 ft (KB) (TVD)**

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

Reference Elevations: **1988.00 ft (KB)**

1978.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **3302**

Inside

Press@RunDepth: **44.80 psig @ 2613.00 ft (KB)**

Start Date: **2002.05.15**

End Date:

2002.05.15

Start Time: **14:30:23**

End Time:

20:36:06

Capacity: **7000.00 psig**

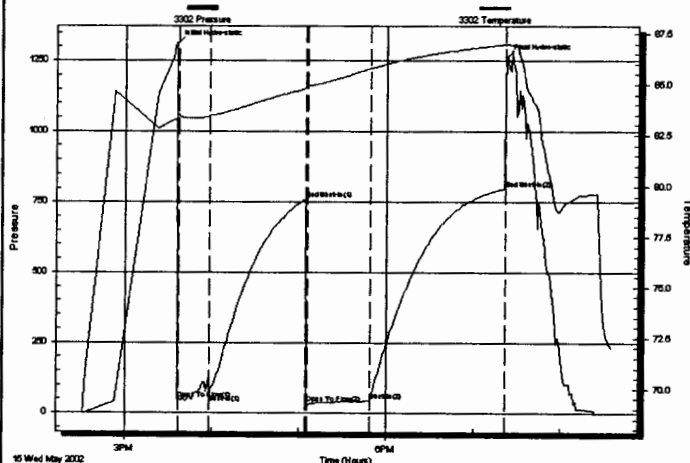
Last Calib.: **2002.05.15**

Time On Btm: **2002.05.15 @ 15:35:51**

Time Off Btm: **2002.05.15 @ 19:22:06**

TEST COMMENT: IF: Fair blow b.o.b in 2-1/2 min.
IS: Bled down for 10 min. no blow back.
FF: Strong blow b.o.b in 30 sec.
FS: Bled down for 10 min. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1308.42	83.35	Initial Hydro-static
1	49.59	83.53	Open To Flow (1)
23	66.13	83.45	Shut-In (1)
89	759.84	84.80	End Shut-In (1)
90	33.47	84.98	Open To Flow (2)
134	44.80	85.80	Shut-In (2)
226	798.87	86.97	End Shut-In (2)
227	1261.58	86.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	01 - Gas	1.15
60.00	GCM	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15716

DST#: 2

ATTN: Brad Rine

Test Start: 2002.05.15 @ 14:30:21

Tool Information

Drill Pipe:	Length: 2419.70 ft	Diameter: 3.80 inches	Volume: 33.94 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 181.30 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 34.83 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	2602.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

C.O. Sub	1.00			2582.00	
S.I. Tool	5.00			2587.00	
HMV	5.00			2592.00	
Packer	5.00			2597.00	21.00 Bottom Of Top Packer
Packer	5.00			2602.00	
Stubb	1.00			2603.00	
Anchor	10.00			2613.00	
Recorder	0.00	3302	Inside	2613.00	
Anchor	34.00			2647.00	
Recorder	0.00	10991	Outside	2647.00	
Bullnose	3.00			2650.00	48.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15716

DST#: 2

ATTN: Brad Rine

Test Start: 2002.05.15 @ 14:30:21

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: 32.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 66000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	01 - Gas	1.154
60.00	GCM	0.842

Total Length: 260.00 ft

Total Volume: 1.996 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

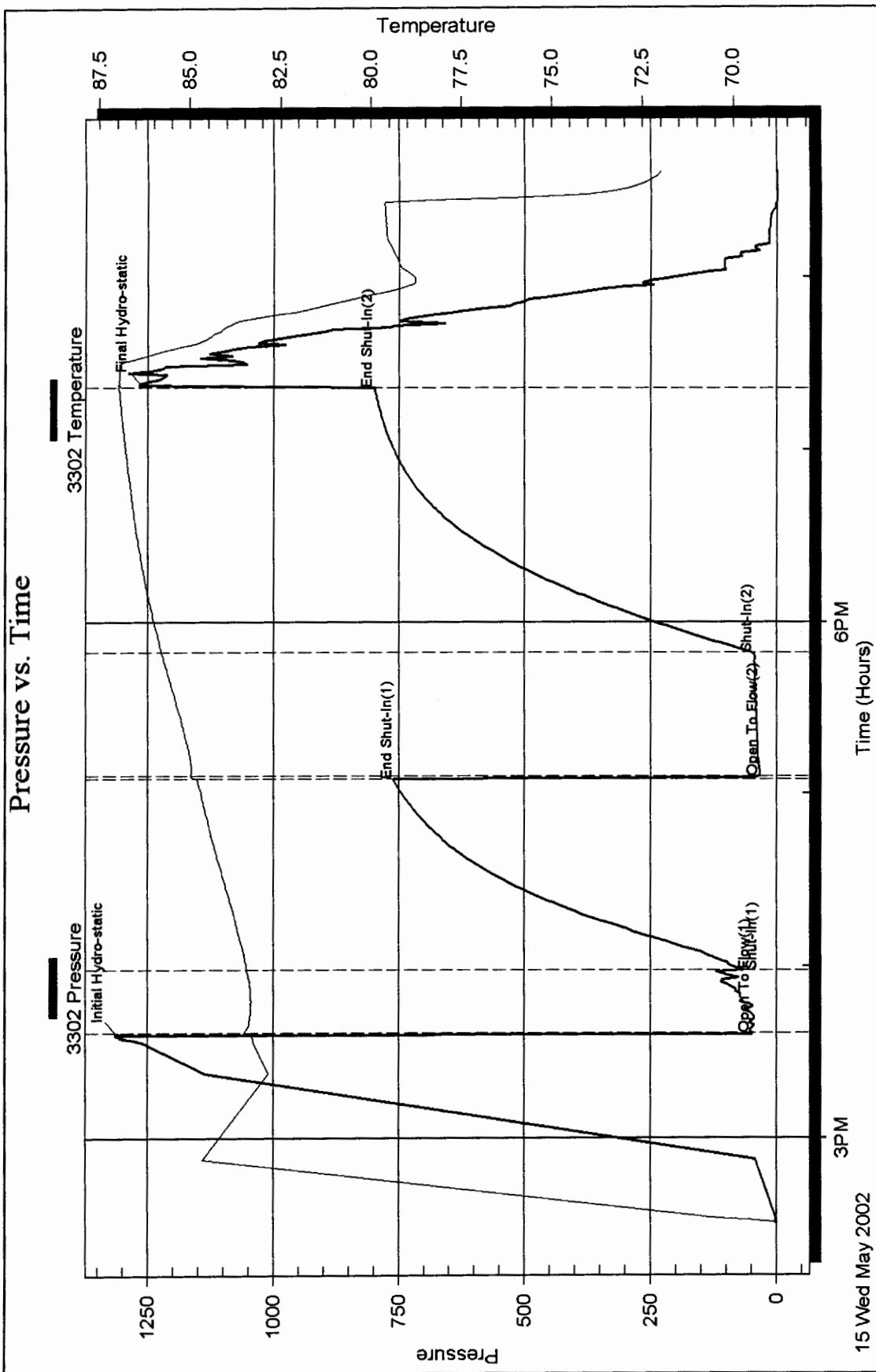
Serial #:

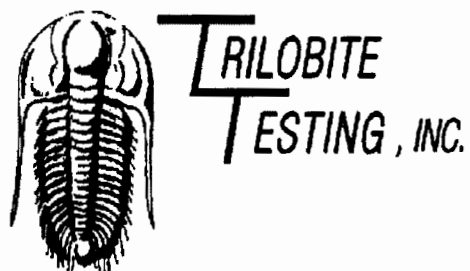
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum, Corp**

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

2-33s-15w Barber, KS

#1 DeGeer

Start Date: 2002.05.17 @ 22:26:19

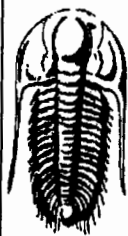
End Date: 2002.05.18 @ 07:59:04

Job Ticket #: 15717 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

White Pine Petroleum, Corp

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

#1 DeGeer

2-33s-15w Barber, KS

Job Ticket: 15717

DST#: 3

Test Start: 2002.05.17 @ 22:26:19

GENERAL INFORMATION:

Formation: **Howard**

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

Time Tool Opened: 01:16:04

Time Test Ended: 07:59:04

Test Type: **Conventional**

Tester: **Darren L. Amerine**

Unit No: **19**

Interval: **3595.00 ft (KB) To 3604.00 ft (KB) (TVD)**

Total Depth: **3604.00 ft (KB) (TVD)**

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

Reference Elevations: **1988.00 ft (KB)**

1978.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **3302**

Inside

Press@RunDepth: **119.65 psig @ 3596.00 ft (KB)**

Start Date: **2002.05.17**

End Date: **2002.05.18**

Start Time: **22:26:21**

End Time: **07:59:04**

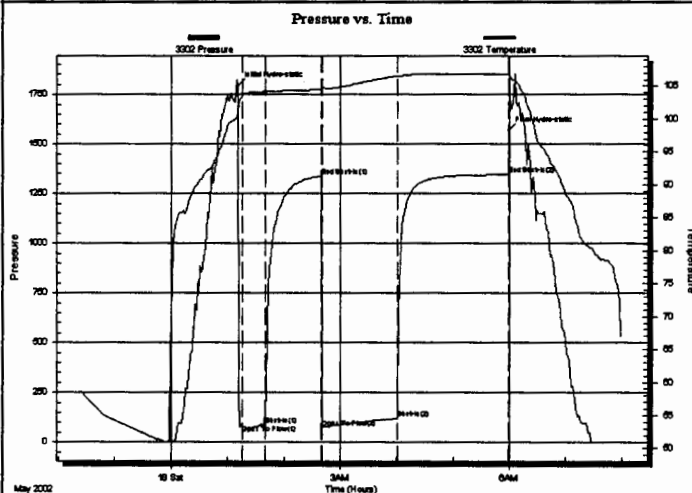
Capacity: **7000.00 psig**

Last Calib.: **2002.05.18**

Time On Btm: **2002.05.18 @ 01:10:49**

Time Off Btm: **2002.05.18 @ 05:59:19**

TEST COMMENT: IF: Strong blow b.o.b in 30 sec. slid tool 7'
IS: Bled down n for 3 min. weak blow back 1/4" in H2O bucket.
FF: Strong blow b.o.b in 30 sec. GTS in 9 min.
FSI: Bled down n for 10 min. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.62	101.06	Initial Hydro-static
6	44.78	103.48	Open To Flow (1)
29	88.78	104.11	Shut-In(1)
89	1338.14	104.47	End Shut-In(1)
91	72.54	104.68	Open To Flow (2)
170	119.65	106.52	Shut-In(2)
288	1346.06	106.82	End Shut-In(2)
289	1569.82	106.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3317.00	01 - Gas	44.88
180.00	SMCGW 10%gas 85%water 5%mud	2.52
90.00	SGCWM 5%gas 30%water 65%mud	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.00	26.02
Last Gas Rate	0.25	5.00	30.78
Max. Gas Rate	0.25	5.00	30.78



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15717

DST#: 3

ATTN: Brad Rine

Test Start: 2002.05.17 @ 22:26:19

Tool Information

Drill Pipe:	Length: 3406.70 ft	Diameter: 3.80 inches	Volume: 47.79 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: 181.30 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 48.68 bbl		Tool Chased 7.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3595.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	0.00 ft			
Tool Length:	30.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3575.00	
S.I. Tool	5.00			3580.00	
HMV	5.00			3585.00	
Packer	5.00			3590.00	21.00 Bottom Of Top Packer
Packer	5.00			3595.00	
Stubb	1.00			3596.00	
Recorder	0.00	3302	Inside	3596.00	
Anchor	5.00			3601.00	
Bullnose	3.00			3604.00	9.00 Bottom Packers & Anchor
Total Tool Length:	30.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15717

DST#: 3

ATTN: Brad Rine

Test Start: 2002.05.17 @ 22:26:19

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:

92000 ppm

Viscosity: 36.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: 0.50 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3317.00	01 - Gas	44.877
180.00	SMCGW 10%gas 85%water 5%mud	2.525
90.00	SGCWM 5%gas 30%water 65%mud	1.262

Total Length: 3587.00 ft

Total Volume: 48.664 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15717

DST#: 3

ATTN: Brad Rine

Test Start: 2002.05.17 @ 22:26:19

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)
2	19	0.25	2.00	26.02
2	19	0.25	2.00	26.02
2	29	0.25	2.50	26.81
2	39	0.25	3.00	27.60
2	49	0.25	3.50	28.40
2	59	0.25	5.00	30.78
2	69	0.25	5.00	30.78

Serial #: 3302

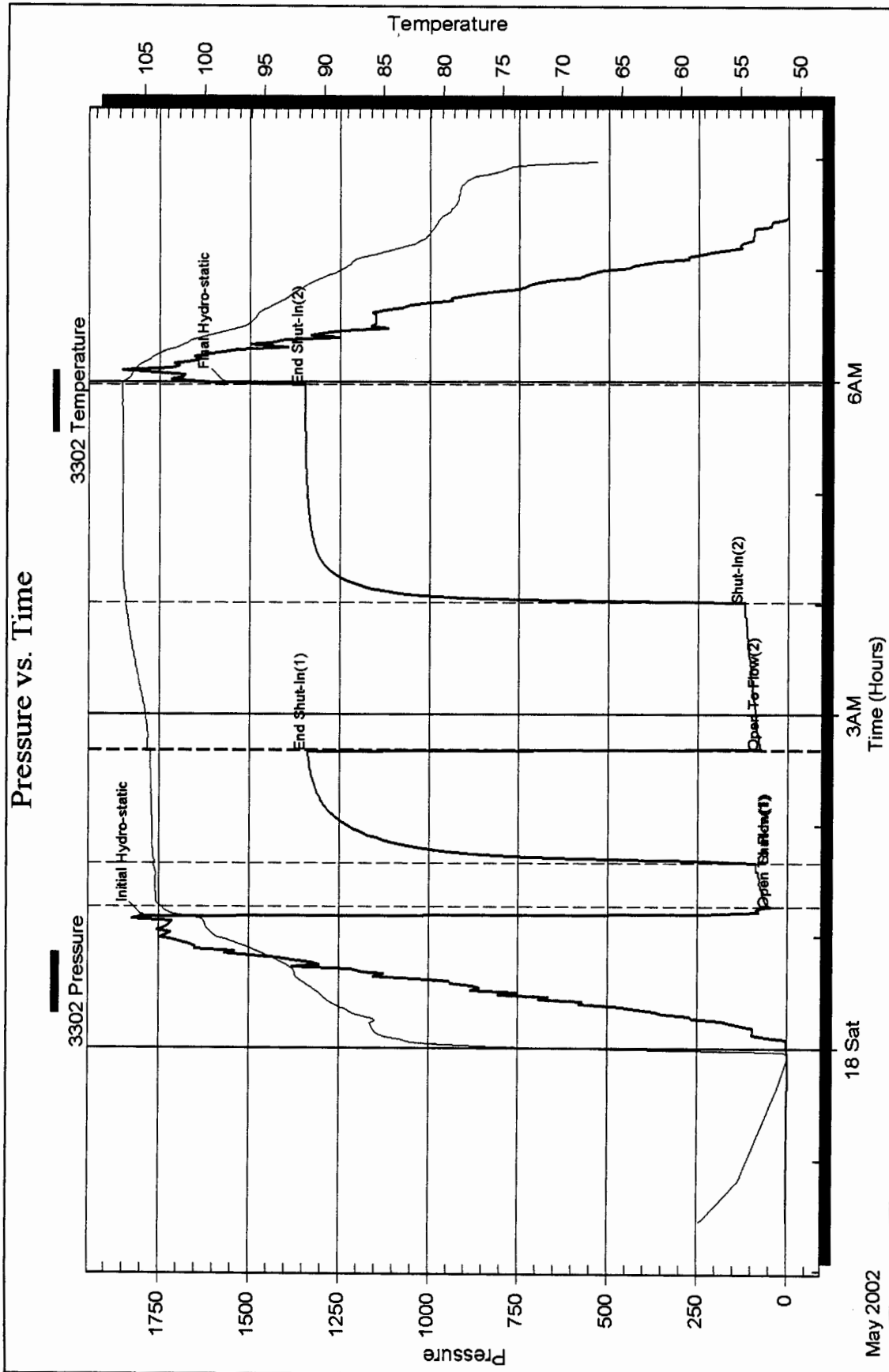
White Fine Petroleum, Corp

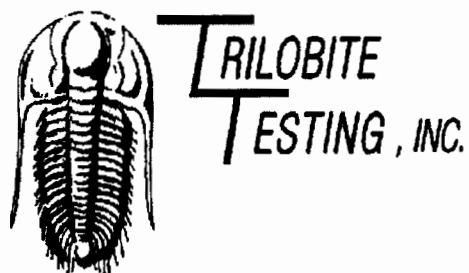
Inside

2-33s-15w Barber, KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum, Corp**

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

2-33s-15w Barber, KS

#1 DeGeer

Start Date: 2002.05.21 @ 17:37:06

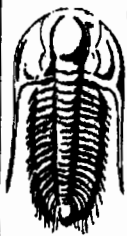
End Date: 2002.05.22 @ 00:56:06

Job Ticket #: 15816 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

White Pine Petroleum, Corp

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

#1 DeGeer

2-33s-15w Barber, KS

Job Ticket: 15816

DST#: 4

Test Start: 2002.05.21 @ 17:37:06

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:21:36

Time Test Ended: 00:56:06

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 18

Interval: **4844.00 ft (KB) To 4880.00 ft (KB) (TVD)**

Total Depth: 4880.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1988.00 ft (KB)

1978.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 3017

Inside

Press@RunDepth: 25.87 psig @ 4846.01 ft (KB)

Start Date: 2002.05.21

End Date:

2002.05.22

Start Time: 17:37:07

End Time:

00:56:06

Capacity: 7000.00 psig

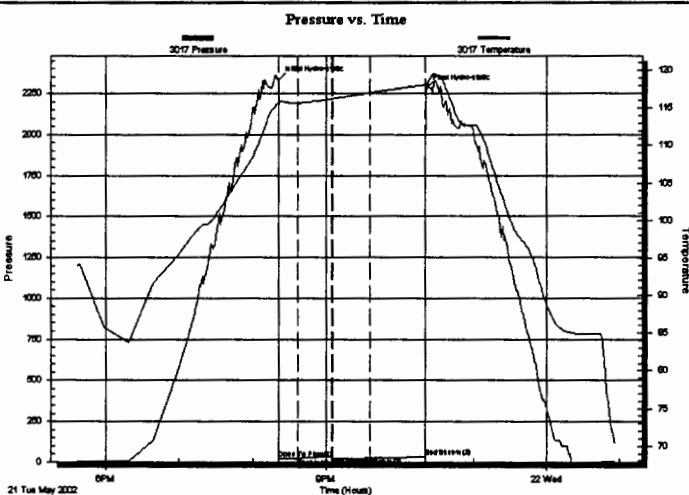
Last Calib.: 2002.05.22

Time On Btm: 2002.05.21 @ 20:21:06

Time Off Btm: 2002.05.21 @ 22:21:36

TEST COMMENT: IF-Weak Dead in 10 min.

FF-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.73	115.68	Initial Hydro-static
1	19.78	115.79	Open To Flow (1)
16	22.99	115.69	Shut-In(1)
44	35.97	116.23	End Shut-In(1)
45	23.73	116.25	Open To Flow (2)
75	25.87	117.04	Shut-In(2)
120	33.40	118.08	End Shut-In(2)
121	2277.81	118.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%Mud	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15816

DST#: 4

ATTN: Brad Rine

Test Start: 2002.05.21 @ 17:37:06

Tool Information

Drill Pipe:	Length: 4653.00 ft	Diameter: 3.80 inches	Volume: 65.27 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 68000.00 lb
		Total Volume:	66.16 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4844.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.02 ft			
Tool Length:	63.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

C.O. Sub	1.00			4818.00	
S.I. Tool	5.00			4823.00	
HMV	5.00			4828.00	
Jars	5.00			4833.00	
Safety Joint	2.00			4835.00	
Packer	5.00			4840.00	27.00 Bottom Of Top Packer
Packer	4.00			4844.00	
Stubb	1.00			4845.00	
Perforations	1.00			4846.00	
Recorder	0.01	3017	Inside	4846.01	
Perforations	31.00			4877.01	
Recorder	0.01	13308	Outside	4877.02	
Bullnose	3.00			4880.02	36.02 Bottom Packers & Anchor

Total Tool Length: 63.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15816

DST#: 4

ATTN: Brad Rine

Test Start: 2002.05.21 @ 17:37:06

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 3017

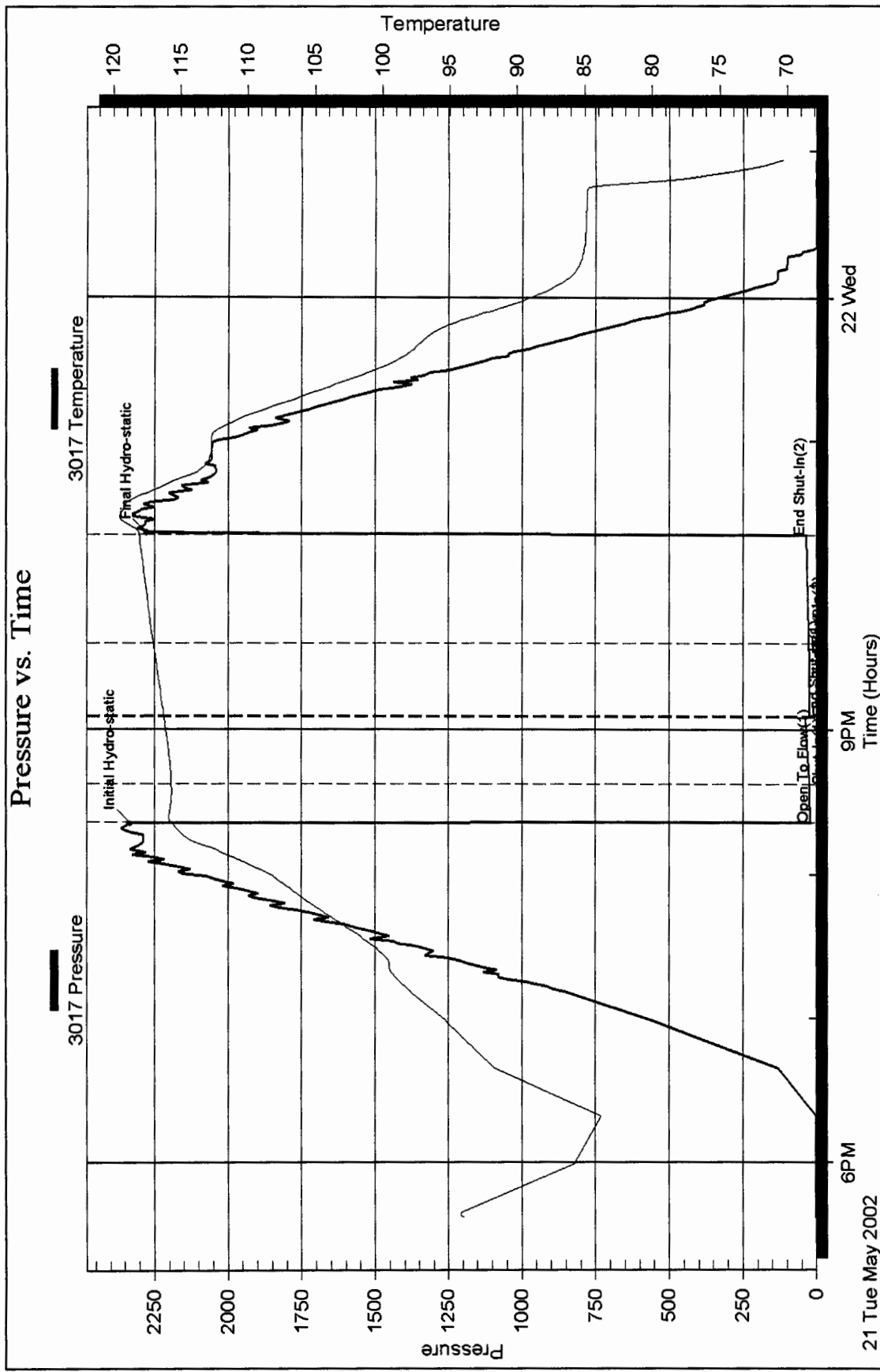
White Pine Petroleum, Corp

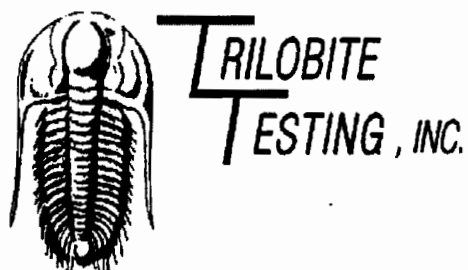
Inside

2-33s-15w Barber, KS

DST Test Number: 4

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **White Pine Petroleum, Corp**

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

2-33s-15w Barber, KS

#1 DeGeer

Start Date: 2002.05.23 @ 15:13:41

End Date: 2002.05.24 @ 01:56:41

Job Ticket #: 15679 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

White Pine Petroleum, Corp

107 N. Market Suite 800
Wichita, KS 67202

ATTN: Brad Rine

#1 DeGeer

2-33s-15w Barber, KS

Job Ticket: 15679

DST#: 5

Test Start: 2002.05.23 @ 15:13:41

GENERAL INFORMATION:

Formation: **Viola**

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

Time Tool Opened: 18:43:41

Time Test Ended: 01:56:41

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **5178.00 ft (KB) To 5201.00 ft (KB) (TVD)**

Total Depth: **5201.00 ft (KB) (TVD)**

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

Reference Elevations: **1988.00 ft (KB)**

1978.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **2342**

Inside

Press@RunDepth: **1093.15 psig @ 5179.00 ft (KB)**

Start Date: **2002.05.23**

End Date:

2002.05.24

Capacity: **7000.00 psig**

Last Calib.: **2002.05.24**

Start Time: **15:13:42**

End Time:

01:56:41

Time On Btm: **2002.05.23 @ 18:43:26**

Time Off Btm: **2002.05.23 @ 21:46:11**

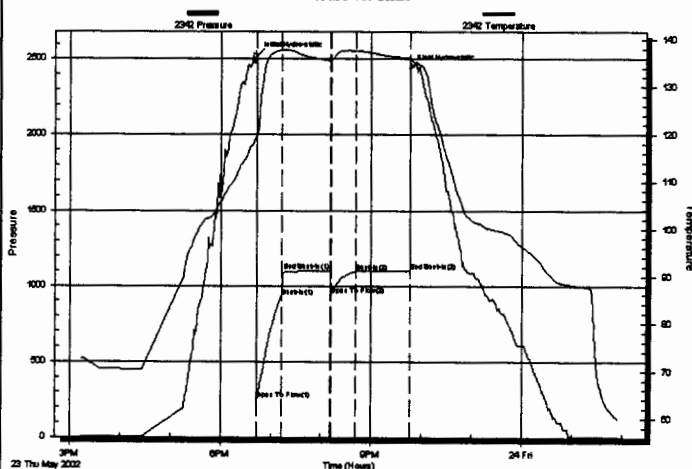
TEST COMMENT: IF: Strong blow . B.O.B. in 1.5 min.

IS: Weak blow . 1/2 - 2".

FF: Strong blow . B.O.B. in 3 min.

FS: Weak blow . 1/2".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2519.92	119.60	Initial Hydro-static
1	251.36	119.72	Open To Flow (1)
29	930.16	137.73	Shut-In(1)
88	1097.66	135.57	End Shut-In(1)
88	938.47	135.56	Open To Flow (2)
118	1093.15	137.63	Shut-In(2)
183	1098.00	136.03	End Shut-In(2)
183	2439.27	136.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1680.00	SGCW 3%g 97%w Rw .078 ohms @ 7821.93	
240.00	GCW with oil specs. 15%g 85%w	3.37
180.00	GOCMW 15%g 3%o 10%w 72%w	2.52
180.00	GOCMW 16%g 14%o 15%w 55%w	2.52
70.00	GOCMW 48%g 12%o 13%w 27%w	0.98
0.00	110 ft. of gas in pipe	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15679

DST#: 5

ATTN: Brad Rine

Test Start: 2002.05.23 @ 15:13:41

Tool Information

Drill Pipe:	Length: 4992.00 ft	Diameter: 3.80 inches	Volume: 70.02 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:	28000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	82000.00 lb
		Total Volume:	70.91 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	67000.00 lb
Depth to Top Packer:	5178.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	50.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5152.00	
S.I. Tool	5.00			5157.00	
HMV	5.00			5162.00	
Jars	5.00			5167.00	
Safety Joint	2.00			5169.00	
Packer	4.00			5173.00	27.00 Bottom Of Top Packer
Packer	5.00			5178.00	
Stubb	1.00			5179.00	
Recorder	0.00	2342	Inside	5179.00	
Perforations	17.00			5196.00	
Recorder	0.00	10248	Outside	5196.00	
Bullnose	5.00			5201.00	23.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Pine Petroleum, Corp

#1 DeGeer

107 N. Market Suite 800
Wichita, KS 67202

2-33s-15w Barber, KS

Job Ticket: 15679

DST#: 5

ATTN: Brad Fine

Test Start: 2002.05.23 @ 15:13:41

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:

94000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1680.00	SGCW 3%g 97%w Rw .078 ohms @ 78 deg	21.926
240.00	GCW with oil specs. 15%g 85%w	3.367
180.00	GOCMW 15%g 3%o 10%m 72%w	2.525
180.00	GOCMW 16%g 14%o 15%m 55%w	2.525
70.00	GOCMW 48%g 12%o 13%m 27%w	0.982
0.00	110 ft. of gas in pipe	0.000

Total Length: 2350.00 ft

Total Volume: 31.325 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 5

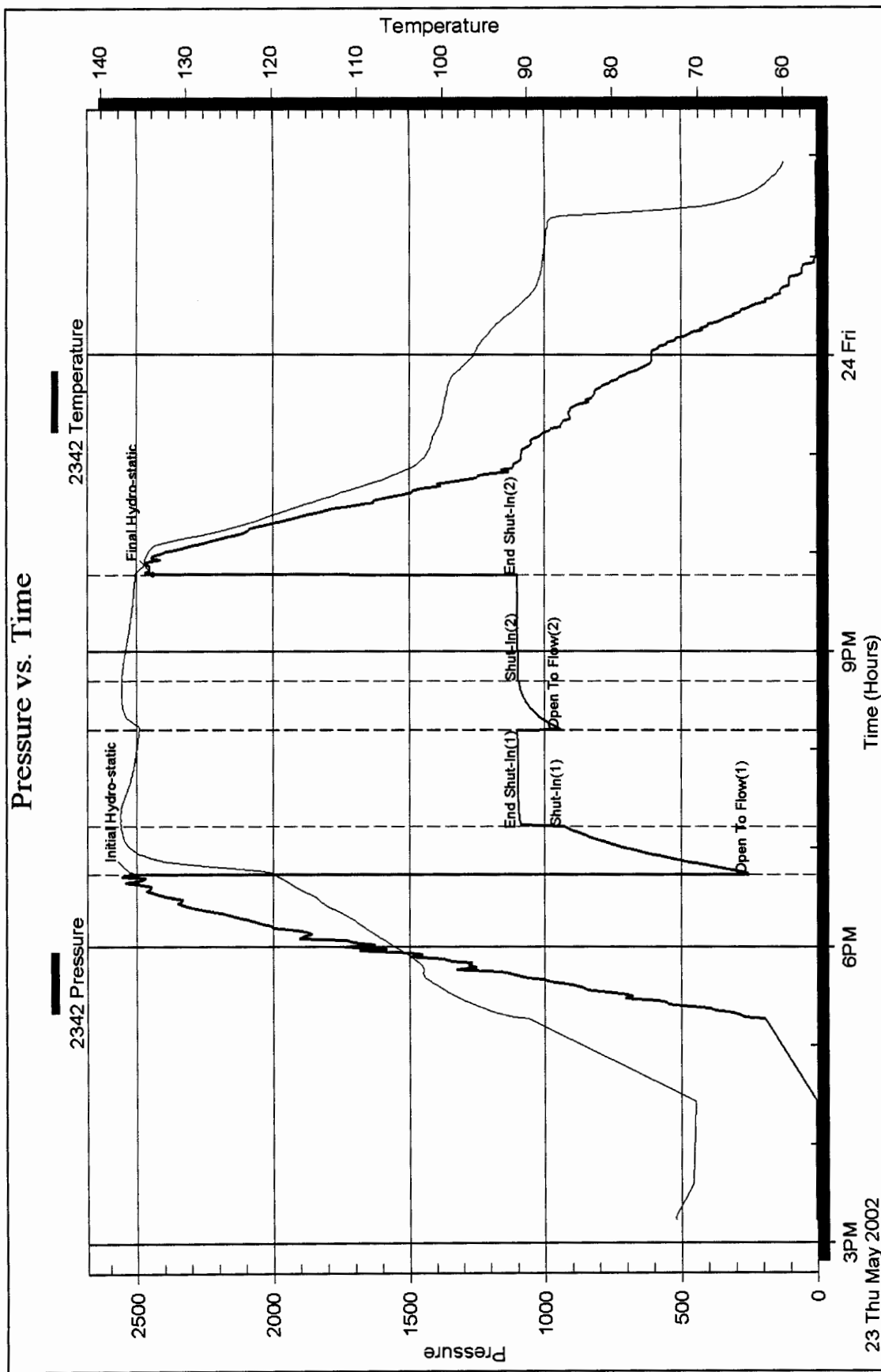
2-33s-15w Barber, KS

White Pine Petroleum, Corp

Inside

Serial #: 2342

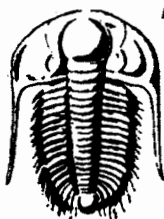
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 15679

Printed: 2002.05.29 @ 09:27:03 Page 5



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15715

Test Ticket

Well Name & No. #1 DeGeer Test No. #1 Date 05/14/02
 Company White Pine Petroleum Corp. Zone Tested Krider
 Address 107 N. Market Suite 800 Wichita, KS 67202 Elevation 1988 KB 1978 GL
 Co. Rep / Geo. Brad Rine Cont. Duke #5 Est. Ft. of Pay Por. %
 Location: Sec. 2 Twp. 33S Rge. 15W Co. Barber State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2323' - 2360' Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 45200
 Anchor Length 37' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 2348' Tool Weight 2100
 Bottom Packer Depth 2308' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 2360 Wt. Pipe Run N/A Drill Collar Run 181.02
 Mud Wt. 9.1 LCM 0 Vis. 32 WL N/C Drill Pipe Size 4 1/2 KH Ft. Run 2140.0

Blow Description IF: Fair blow b.o.b in 90 sec.
IST: Bled down for 5 mins. No blow back.
FF: Weak blow b.o.b in 34 mins.
FST: Bled down for 10 mins.

Recovery — Total Feet 235 GIP Trace Ft. in DC 181 Ft. in DP 74
 Rec. 75 Feet Of US6CWM 4 %gas %oil 31 %water 65 %mud
 Rec. 180 Feet Of 6CMW 10 %gas %oil 60 %water 30 %mud
 Rec. Trace Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 86° °F Gravity °API D₄₀ °F Corrected Gravity °API
 RW .09 @ 70 °F Chlorides 90,000 ppm Recovery Chlorides ppm System

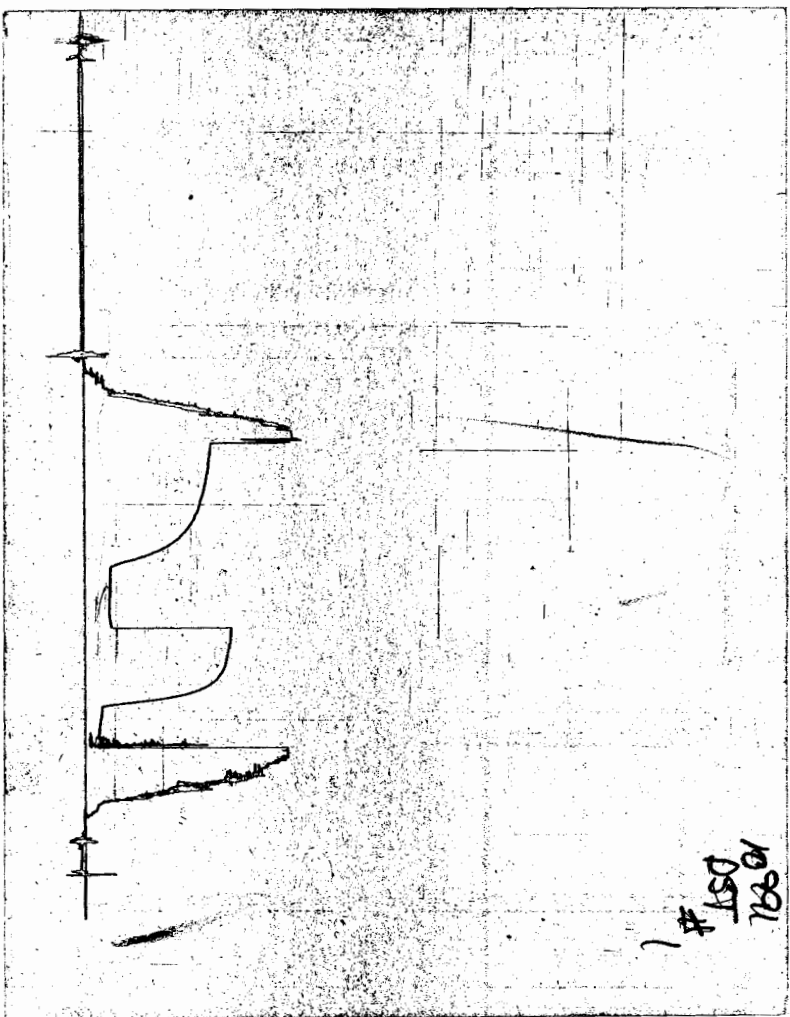
(A) Initial Hydrostatic Mud	<u>1625</u>	PSI Recorder No.	<u>3302</u>	T-On Location	<u>1240</u>
(B) First Initial Flow Pressure	<u>28</u>	PSI (depth)	<u>2324'</u>	T-Started	<u>1401</u>
(C) First Final Flow Pressure	<u>115</u>	PSI Recorder No.	<u>10991</u>	T-Open	<u>1606</u>
(D) Initial Shut-In Pressure	<u>821</u>	PSI (depth)	<u>2357'</u>	T-Pulled	<u>1951</u>
(E) Second Initial Flow Pressure	<u>210-119</u>	PSI Recorder No.	<u> </u>	T-Out	<u>2050</u>
(F) Second Final Flow Pressure	<u>141</u>	PSI (depth)	<u> </u>	T-Off Location	<u>2130</u>
(G) Final Shut-in Pressure	<u>716</u>	PSI Initial Opening	<u>30</u>	Test	<u>700</u>
(Q) Final Hydrostatic Mud	<u>1170</u>	PSI Initial Shut-in	<u>60</u>	Jars	<u> </u>
		Final Flow	<u>45</u>	Safety Joint	<u> </u>
		Final Shut-in	<u>90</u>	Straddle	<u> </u>
				Circ. Sub	<u> </u>
				Sampler	<u> </u>
				Extra Packer	<u> </u>
				Elec. Rec.	<u>150</u>
				Mileage	<u>65</u>
				Other	<u> </u>
				TOTAL PRICE \$	<u>915</u>

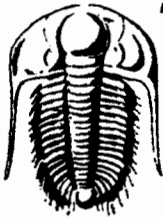
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Approved By Brad Rine
 Our Representative Darren J. Lumsden

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15716

Test Ticket

Well Name & No. <u>#1 DeBeer</u>	Test No. <u>#2</u>	Date <u>05/15/02</u>
Company <u>White Pine Petroleum Corp.</u>	Zone Tested <u>Wre Ford</u>	
Address <u>101 N. Market Suite 800 Wichita, Ks. 67202</u>	Elevation <u>1988</u>	KB <u>1978</u> GL
Co. Rep / Geo. <u>Brad Rine</u>	Cont. <u>Duke #5</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>2</u>	Twp. <u>33S</u>	Rge. <u>15W</u>
	Co. <u>Barber</u>	State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>
	Evaluation (Y, N) <u> </u>	

Interval Tested <u>2602' - 2650'</u>	Initial Str Wt./Lbs. <u>45000</u>	Unseated Str Wt./Lbs. <u> </u>
Anchor Length <u>48'</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u> </u>
Top Packer Depth <u>2597'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>2602</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>2650</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>181.30</u>
Mud Wt. <u>9.4</u> LCM <u>0</u> Vis. <u>32</u> WL <u>N/C</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>2419.70</u>

Blow Description IF Blow blow b.o.b in 2 1/2 mins.
ISI Bleed down for 10 mins. No blow back.
FF Strong blow b.o.b in 30 sec.
FST Bleed down for 15 mins. No blow back.

Recovery — Total Feet <u>60'</u>	GIP <u>200'</u>	Ft. in DC <u>60'</u>	Ft. in DP <u> </u>
Rec. <u>60</u>	Feet Of <u>SGCM</u>	10 %gas	%oil %water <u>90</u> %mud
Rec. <u>200'</u>	Feet Of <u>GIP</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>87°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API
RW <u> </u>	°F Chlorides <u> </u>	ppm Recovery	Chlorides <u>66000</u> ppm System

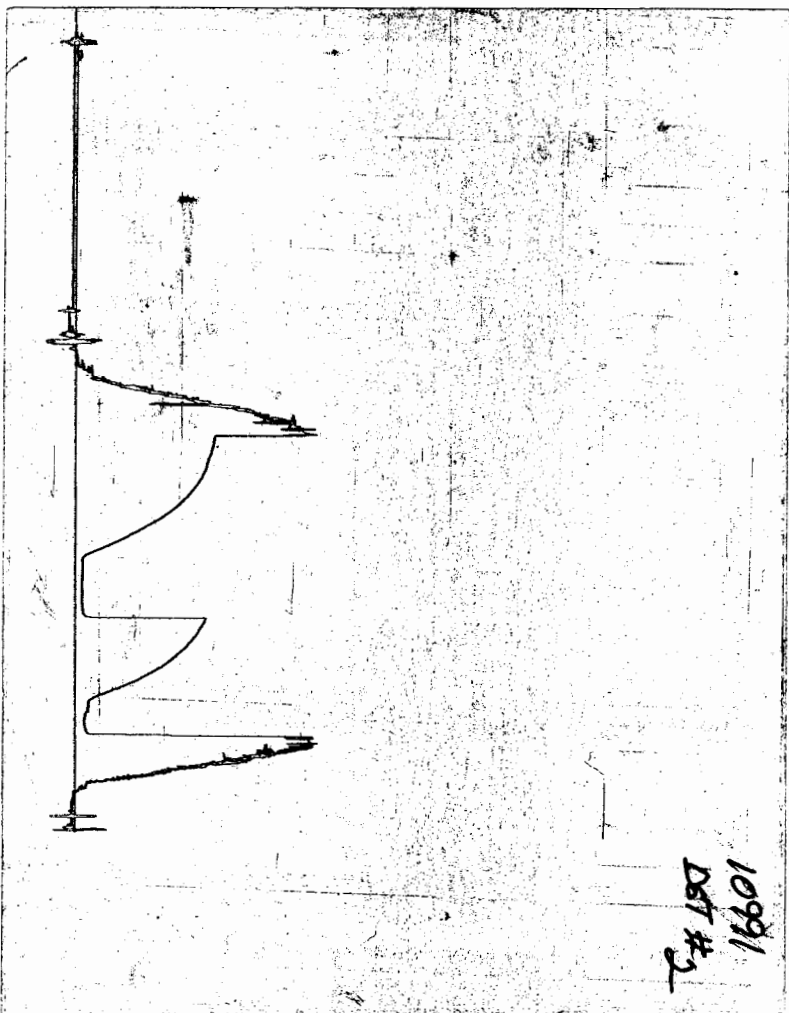
(A) Initial Hydrostatic Mud	AK-1 <u>1332</u>	Alpine	PSI Recorder No. <u>3302</u>	T-On Location <u>1430</u>
(B) First Initial Flow Pressure	<u>50</u>	PSI	(depth) <u>2613'</u>	T-Started <u>1430</u>
(C) First Final Flow Pressure	<u>89</u>	PSI Recorder No. <u>10991</u>		T-Open <u>1600</u>
(D) Initial Shut-In Pressure	<u>761</u>	PSI (depth) <u>2647'</u>		T-Pulled <u>1945</u>
(E) Second Initial Flow Pressure	<u>33</u>	PSI Recorder No. <u> </u>		T-Out <u>2036</u>
(F) Second Final Flow Pressure	<u>45</u>	PSI (depth) <u> </u>		T-Off Location <u>2130</u>
(G) Final Shut-in Pressure	<u>799</u>	PSI Initial Opening <u>30</u>	Test <u>✓ 700</u>	
(Q) Final Hydrostatic Mud	<u>1262</u>	PSI Initial Shut-in <u>60</u>	Jars <u> </u>	
		Final Flow <u>75</u>	Safety Joint <u> </u>	
		Final Shut-in <u>90</u>	Straddle <u> </u>	
			Circ. Sub <u> </u>	
			Sampler <u> </u>	
			Extra Packer <u> </u>	
			Elec. Rec. <u>✓ 150</u>	
			Mileage <u>105</u>	
			Other <u> </u>	
			TOTAL PRICE \$ <u>915</u>	

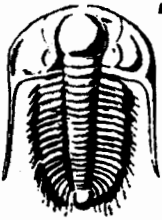
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Approved By Brad Rine
 Our Representative Darren Linneman

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15717

Test Ticket

Well Name & No. #1 DeBeer Test No. #3 Date 05/17/02
 Company White Pine Petroleum Corp. Zone Tested Howard
 Address 101 N. Market Suite 800 Wichita, Ks. 67202 Elevation 1988 KB 1978 GL
 Co. Rep / Geo. Brad Rine Cont. Duke # 5 Est. Ft. of Pay Por. %
 Location: Sec. 2 Twp. 33S Rge. 15W Co. Barber State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3595' - 3604' Initial Str Wt./Lbs. 55000 Unseated Str Wt./Lbs. 55000
 Anchor Length 9' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 89,000
 Top Packer Depth 3590' Tool Weight 2100
 Bottom Packer Depth 3595' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 3604' Wt. Pipe Run N/A Drill Collar Run 181.30
 Mud Wt. 9.2 LCM 0 Vis. 36 WL N/C Drill Pipe Size 4 1/2 X H Ft. Run 3406.70

Blow Description TF: Strong blow (slid tool) 7' b.o.b. in 30 sec.
TST: Bled down for 3 mins West blow back 1/4" into 120 sucked.
FF: Strong blow b.o.b. in 30 sec. 6TS in 9 mins. Gauge Gas.
FST: Bled down for 10 mins no blow back.

Recovery — Total Feet 270 GIP 3318 Ft. in DC 181 Ft. in DP 89
 Rec. 90 Feet Of SGCWM 5 %gas %oil 30 %water 65 %mud
 Rec. 180 Feet Of SMGW 10 %gas %oil 85 %water 5 %mud
 Rec. 3318 Feet Of GIP %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud

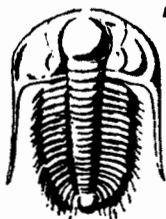
BHT 107° °F Gravity °API D@ °F Corrected Gravity °API
 RW 0.1 @ 60 °F Chlorides 92,000 ppm Recovery Chlorides 14,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1839</u>		<u>3302</u>	<u>2280</u>
(B) First Initial Flow Pressure		<u>45</u>	PSI (depth)	<u>3596</u>	<u>2226</u>
(C) First Final Flow Pressure		<u>89</u>	PSI	Recorder No.	<u>0137</u>
(D) Initial Shut-In Pressure		<u>1338</u>	PSI (depth)		<u>0627</u>
(E) Second Initial Flow Pressure		<u>73</u>	PSI	Recorder No.	<u>0759</u>
(F) Second Final Flow Pressure		<u>120</u>	PSI (depth)		<u>0900</u>
(G) Final Shut-in Pressure		<u>1346</u>	PSI	Initial Opening <u>30</u>	Test <u>✓ 700</u>
(Q) Final Hydrostatic Mud		<u>1627</u>	PSI	Initial Shut-in <u>60</u>	Jars <u> </u>
				Final Flow <u>90</u>	Safety Joint <u> </u>
				Final Shut-in <u>120</u>	Straddle <u> </u>
					Circ. Sub <u> </u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <u>✓ 150</u>
					Mileage <u>405</u>
					Other <u>2 hrs 40</u>
					TOTAL PRICE \$ <u>975</u>

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Approved By Brad Rine
 Our Representative Darren J. Rine

9:49
10:50



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15816

Test Ticket

Well Name & No. DEGEER #1 Test No. #4 Date 5-21-02
 Company WHITE PINE PETROLEUM CORP Zone Tested MISS.
 Address 107 N. MARKET SUITE 800 WICHITA, KS. 67202 Elevation 1988 KB 1969 GL 1977
 Co. Rep / Geo. BRAD RINE Cont. DUKE #5 Est. Ft. of Pay Por. %
 Location: Sec. 2 Twp. 33S Rge. 15W Co. BARBER State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4844 To 4880 Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 64,000
 Anchor Length 36 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 68,000
 Top Packer Depth 4839 Tool Weight 3,000
 Bottom Packer Depth 4844 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 4880 Wt. Pipe Run Drill Collar Run 181
 Mud Wt. 9.1 LCM *4 Vis. 46 WL 9.6 Drill Pipe Size 4 1/2 XH Ft. Run 4653
 Blow Description IF-WEAK DEAD IN 10 MIN.
F.F.-DEAD

Recovery — Total Feet 5 GIP Ft. in DC 5 Ft. in DP
 Rec. 5' Feet Of MUD %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 118 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>2336</u>		<u>3017</u>	<u>15:45</u>
(B) First Initial Flow Pressure		<u>19</u>		(depth) <u>4846</u>	T-Started <u>17:37</u>
(C) First Final Flow Pressure		<u>22</u>		PSI Recorder No. <u>13308</u>	T-Open <u>20:21</u>
(D) Initial Shut-In Pressure		<u>35</u>		(depth) <u>4877</u>	T-Pulled <u>22:21</u>
(E) Second Initial Flow Pressure		<u>23</u>		PSI Recorder No. <u> </u>	T-Out <u>00:56</u>
(F) Second Final Flow Pressure		<u>25</u>		(depth) <u> </u>	T-Off Location <u>01:45</u>
(G) Final Shut-in Pressure		<u>33</u>		PSI Initial Opening <u>15</u>	Test <u>BOTTOM HOLE</u>
(Q) Final Hydrostatic Mud		<u>2277</u>		PSI Initial Shut-in <u>30</u>	Jars <u>✓</u> <u>200</u>
				Final Flow <u>15</u>	Safety Joint <u>✓</u> <u>50</u>
				Final Shut-in <u>60</u>	Straddle <u> </u>
					Circ. Sub <u> </u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <u>✓</u> <u>150</u>
					Mileage <u>2</u> <u>65</u>
					Other <u> </u>
					TOTAL PRICE \$ <u>1165</u>

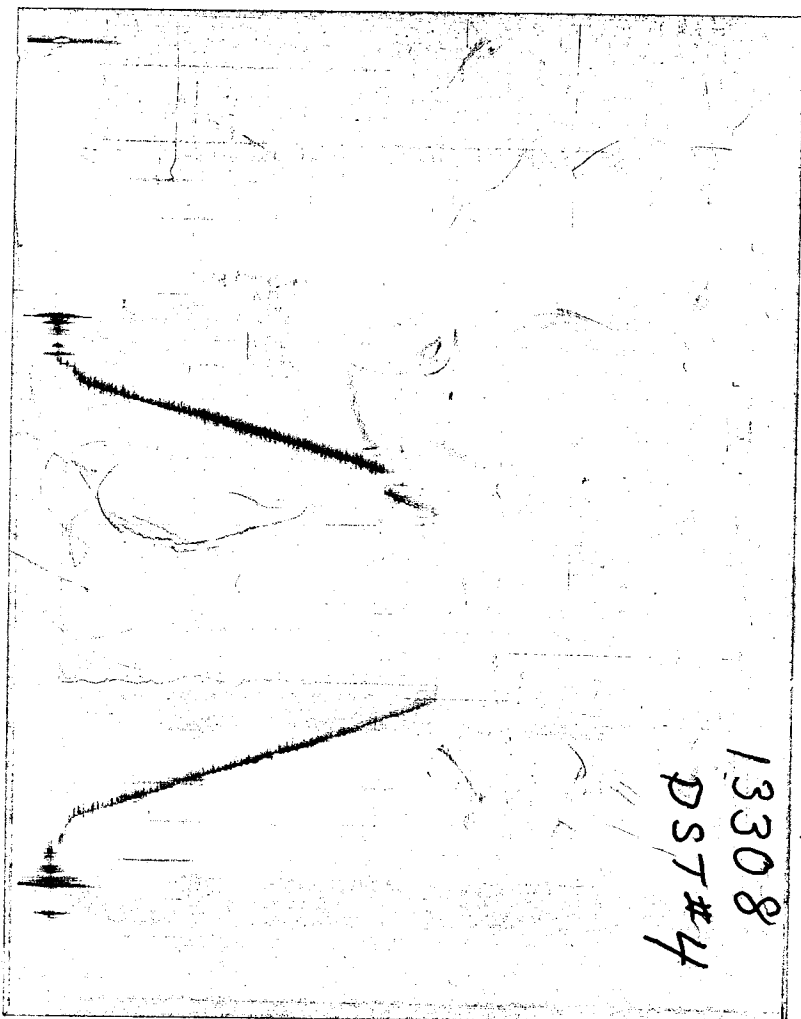
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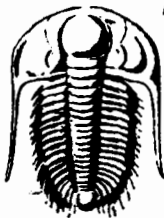
Approved By Brad Rine

Our Representative John A. Schmidt

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15679

Test Ticket

Well Name & No.	<u>DeGreen #1</u>	Test No.	<u>5</u>	Date	<u>5-23-2002</u>
Company	<u>White Pine Petr. Corp.</u>	Zone Tested	<u>Viola</u>		
Address	<u>107 N. Market Ste. 800, W. Schiller, Mo. 64202</u>	Elevation	<u>1988</u>	KB	<u>1977</u> GL
Co. Rep / Geo.	<u>Brad Rine</u>	Cont.	<u>Duke Dalg. #5</u>	Est. Ft. of Pay	<u>Por.</u> %
Location: Sec.	<u>2</u>	Twp.	<u>33 S</u>	Rge.	<u>15 W</u> Co. <u>Barber</u> State <u>Ks.</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>Evaluation (Y, N)</u>

Interval Tested	<u>5178 - 5201'</u>	Initial Str Wt./Lbs.	<u>67,000</u>	Unseated Str Wt./Lbs.	<u>78,000</u>
Anchor Length	<u>23'</u>	Wt. Set Lbs.	<u>28,000</u>	Wt. Pulled Loose/Lbs.	<u>82,000</u>
Top Packer Depth	<u>5173'</u>	Tool Weight	<u>2100 #</u>		
Bottom Packer Depth	<u>5178'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>5201'</u>	Wt. Pipe Run	<u>None</u>	Drill Collar Run	<u>180'</u>
Mud Wt.	<u>9.2</u> LCM <u>3#</u> Vis. <u>SL</u> WL <u>9.6 cc.</u>	Drill Pipe Size	<u>4 1/2" x.H.</u>	Ft. Run	<u>4992'</u>
Blow Description	<u>IF: Strong below. B.O.B. in 1.5 mins.</u>				
	<u>ISI: Weak below. 1/2 - 2"</u>				
	<u>FF: Strong below. B.O.B. in 3 mins. FSI: Weak below. 1/2"</u>				

Recovery — Total Feet	<u>2350</u>	GIP	<u>110</u>	Ft. in DC	<u>180</u>	Ft. in DP	<u>1170</u>
Rec.	<u>70</u> Feet Of	<u>GOCMW</u>	<u>48% gas</u>	<u>12% oil</u>	<u>27</u> %water	<u>13</u> %mud	
Rec.	<u>180</u> Feet Of	<u>GOCMW</u>	<u>16% gas</u>	<u>14% oil</u>	<u>55</u> %water	<u>15</u> %mud	
Rec.	<u>180</u> Feet Of	<u>GOCMW</u>	<u>15% gas</u>	<u>2% oil</u>	<u>72</u> %water	<u>10</u> %mud	
Rec.	<u>240</u> Feet Of	<u>GCW @ oil spec</u>	<u>15% gas</u>	<u>% oil</u>	<u>85</u> %water	<u>% mud</u>	
Rec.	<u>1680</u> Feet Of	<u>SGCW</u>	<u>3% gas</u>	<u>% oil</u>	<u>97</u> %water	<u>% mud</u>	
BHT	<u>136</u> °F Gravity	<u>N/A</u>	°API D@	<u>~</u>	°F Corrected Gravity	<u>N/A</u>	°API
RW	<u>.028</u> @ <u>78</u> °F	Chlorides	<u>94,000</u> ppm	Recovery	Chlorides	<u>4,000</u> ppm	System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	<u>2522</u>	PSI	Recorder No.	<u>2342</u>	T-On Location	<u>1400</u>	
(B) First Initial Flow Pressure	<u>251</u>	PSI	(depth)	<u>5179'</u>	T-Started	<u>1513</u>	11:56
(C) First Final Flow Pressure	<u>930</u>	PSI	Recorder No.	<u>10248</u>	T-Open	<u>1843</u>	
(D) Initial Shut-In Pressure	<u>1098</u>	PSI	(depth)	<u>5196'</u>	T-Pulled	<u>2142</u>	12:45
(E) Second Initial Flow Pressure	<u>938</u>	PSI	Recorder No.	<u>~</u>	T-Out	<u>0156</u>	
(F) Second Final Flow Pressure	<u>1093</u>	PSI	(depth)	<u>~</u>	T-Off Location	<u>0245</u>	
(G) Final Shut-in Pressure	<u>1098</u>	PSI	Initial Opening	<u>30</u>	Test	<u>✓</u> <u>900</u> °	
(Q) Final Hydrostatic Mud	<u>2470</u>	PSI	Initial Shut-in	<u>60</u>	Jars	<u>✓</u> <u>200</u> °	
			Final Flow	<u>30</u>	Safety Joint	<u>✓</u> <u>50</u> °	
			Final Shut-in	<u>60</u>	Straddle	<u>~</u>	
				<u>✓</u>	Circ. Sub	<u>~</u>	
					Sampler	<u>~</u>	

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Approved By Brad Rine

Our Representative Craig P. Wooten

Extra Packer
Elec. Rec. ✓ 18000
Mileage ✓ 65.40
Other STAND 87 12630
TOTAL PRICE \$ ✓ 13900 1425

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

