

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum ,LTD**

225 N. Market, suite 300
Wichita, KS 67202

ATTN: Flip Phillips

28--19s--24w

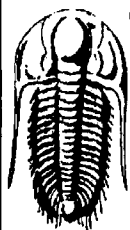
Fanshier 'HD' # 1-28

Start Date: 2005.09.21 @ 22:43:51

End Date: 2005.09.22 @ 05:25:51

Job Ticket #: 22255 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

Pintail Petroleum, LTD

225 N. Market, suite 300
Wichita, KS 67202

ATTN: Flip Phillips

Fanshier 'HD' # 1-28

28-19s-24w

Job Ticket: 22255

DST#: 1

Test Start: 2005.09.21 @ 22:43:51

GENERAL INFORMATION:

Formation: **Pt. Scott**

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

Time Tool Opened: 00:29:51

Time Test Ended: 05:25:51

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: **4212.00 ft (KB) To 4276.00 ft (KB) (TVD)**

Reference Elevations: **2298.00 ft (KB)**

Total Depth: **4276.00 ft (KB) (TVD)**

2293.00 ft (CF)

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

KB to GR/CF: **5.00 ft**

Serial #: 8018 **Inside**

Press@RunDepth: **181.29 psig @ 4216.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.09.21**

End Date: **2005.09.22**

Last Calib.: **2005.09.22**

Start Time: **22:43:56**

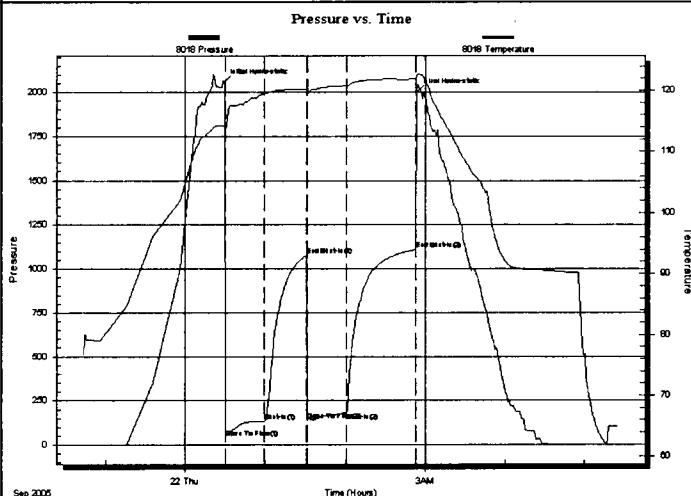
End Time: **05:25:50**

Time On Btm: **2005.09.22 @ 00:28:51**

Time Off Btm: **2005.09.22 @ 02:53:21**

TEST COMMENT: **IF-Strong B.O.B.6 min.**
FF-Strong B.O.B.3 min.

ISI-Weak surf.1" in.
FSI-Fair 4" in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.22	114.16	Initial Hydro-static
1	37.60	113.51	Open To Flow (1)
31	132.09	119.33	Shut-In(1)
63	1079.11	120.19	End Shut-In(1)
63	139.46	119.82	Open To Flow (2)
92	181.29	120.75	Shut-In(2)
144	1109.86	121.83	End Shut-In(2)
145	2003.27	122.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	GMVCO-20%G-15%M-20%W-45%O	0.93
185.00	GMVCO-40%G-5%W-20M-35%O	2.06
55.00	OCM-5%G-15%O-80%M	0.77
0.00	930 Gas in pipe	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

Pintail Petroleum, LTD

225 N. Market, suite 300
Wichita, KS 67202

ATTN: Flip Phillips

Fanshier 'HD' # 1-28

28-19s-24w

Job Ticket: 22255

DST#: 1

Test Start: 2005.09.21 @ 22:43:51

Tool Information

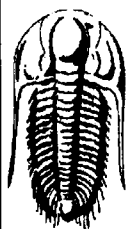
Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 56.98 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4212.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4193.00	
Shut In Tool	5.00			4198.00	
Hydraulic tool	5.00			4203.00	
Packer	4.00			4207.00	20.00 Bottom Of Top Packer
Packer	5.00			4212.00	
Stubb	1.00			4213.00	
Perforations	2.00			4215.00	
Change Over Sub	1.00			4216.00	
Recorder	0.00	8018	Inside	4216.00	
Blank Spacing	31.00			4247.00	
Change Over Sub	1.00			4248.00	
Recorder	0.00	11084	Outside	4248.00	
Perforations	25.00			4273.00	
Bullnose	3.00			4276.00	64.00 Bottom Packers & Anchor

Total Tool Length: 84.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, LTD

225 N. Market, suite 300
Wichita, KS 67202

ATTN: Flip Phillips

Fanshier 'HD' # 1-28

28-19s-24w

Job Ticket: 22255

DST#: 1

Test Start: 2005.09.21 @ 22:43:51

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	GMVCO-20%G-15%M-20%W-45%O	0.934
185.00	GMVCO-40%G-5%W-20M-35%O	2.058
55.00	OCM-5%G-15%O-80%M	0.772
0.00	930 Gas in pipe	0.000

Total Length: 430.00 ft

Total Volume: 3.764 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

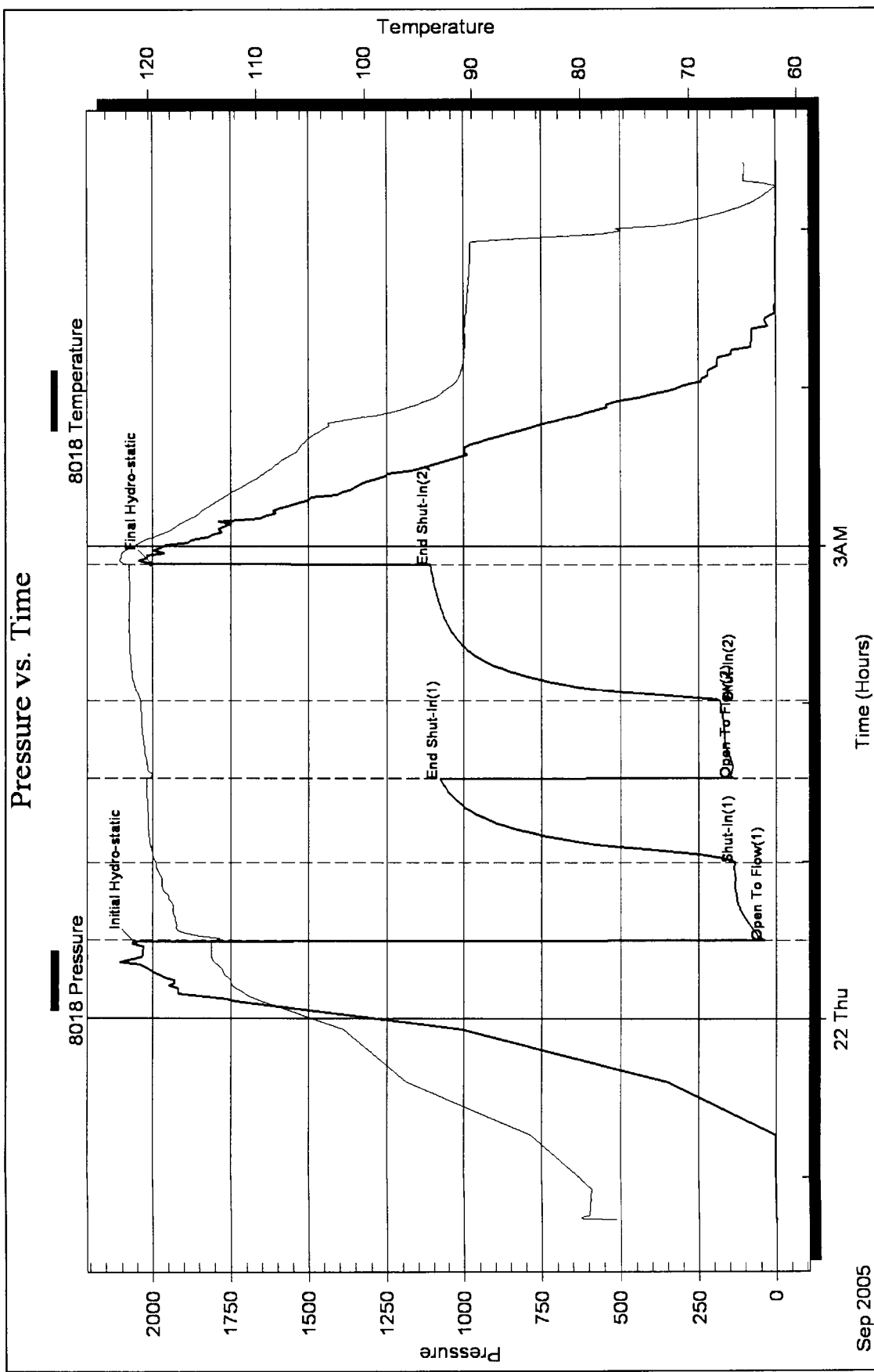
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

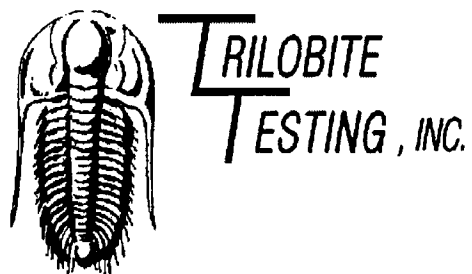
Pressure vs. Time



11084

DST #1





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum ,LTD**

225 N.Market,suite 300
Wichita, KS 67202

ATTN: Flip Phillips

28--19s--24w

Fanshier 'HD' # 1-28

Start Date: 2005.09.22 @ 17:13:57

End Date: 2005.09.23 @ 00:06:57

Job Ticket #: 22256 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

Pintail Petroleum, LTD

225 N. Market, suite 300
Wichita, KS 67202

ATTN: Flip Phillips

Fanshier 'HD' # 1-28

28-19s-24w

Job Ticket: 22256

DST#: 2

Test Start: 2005.09.22 @ 17:13:57

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 19:16:57

Time Test Ended: 00:06:57

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: **4295.00 ft (KB) To 4373.00 ft (KB) (TVD)**

Total Depth: **4276.00 ft (KB) (TVD)**

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

Reference Elevations: **2298.00 ft (KB)**

2293.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **8018**

Inside

Press@RunDepth: **200.36 psig @ 4304.00 ft (KB)**

Start Date: **2005.09.22**

End Date:

2005.09.23

Start Time: **17:14:02**

End Time:

00:06:56

Capacity: **7000.00 psig**

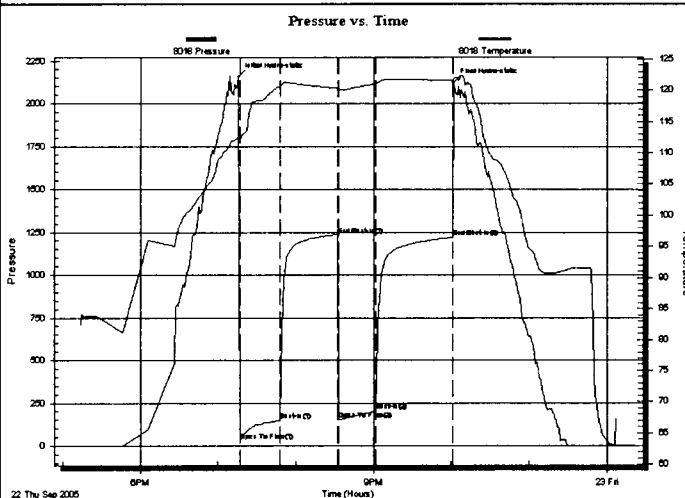
Last Calib.: **2005.09.23**

Time On Btm: **2005.09.22 @ 19:15:57**

Time Off Btm: **2005.09.22 @ 22:01:57**

TEST COMMENT: **IF-Weak to strong B.O.B. 22 min.**
FF-Weak to good built to 8 & 1/2" in.

ISI-Dead
FSI-Dead



PRESSURE SUMMARY

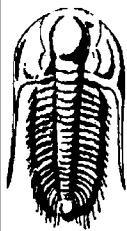
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.41	112.76	Initial Hydro-static
1	27.10	111.79	Open To Flow (1)
32	147.57	120.66	Shut-In (1)
77	1233.73	120.36	End Shut-In (1)
77	149.95	120.02	Open To Flow (2)
106	200.36	121.00	Shut-In (2)
165	1219.51	121.64	End Shut-In (2)
166	2124.04	121.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	D.Mud	1.09
202.00	Muddy S.W.50%W-50%M	2.83
0.00	w ith @ oil scum	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

Pintail Petroleum, LTD

225 N. Market, suite 300
Wichita, KS 67202

ATTN: Flip Phillips

Fanshier 'HD' # 1-28

28-19s-24w

Job Ticket: 22256

DST#: 2

Test Start: 2005.09.22 @ 17:13:57

Tool Information

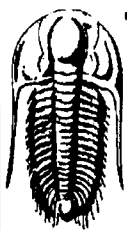
Drill Pipe:	Length: 4100.00 ft	Diameter: 3.80 inches	Volume: 57.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 188.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 58.43 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4295.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4276.00	
Shut In Tool	5.00			4281.00	
Hydraulic tool	5.00			4286.00	
Packer	4.00			4290.00	20.00 Bottom Of Top Packer
Packer	5.00			4295.00	
Stubb	1.00			4296.00	
Perforations	7.00			4303.00	
Change Over Sub	1.00			4304.00	
Recorder	0.00	8018	Inside	4304.00	
Blank Spacing	30.00			4334.00	
Recorder	0.00	11084	Outside	4334.00	
Blank Spacing	30.00			4364.00	
Change Over Sub	1.00			4365.00	
Perforations	5.00			4370.00	
Bullnose	3.00			4373.00	78.00 Bottom Packers & Anchor

Total Tool Length: 98.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, LTD

Fanshier 'HD' # 1-28

225 N. Market, suite 300
Wichita, KS 67202

28-19s-24w

Job Ticket: 22256

DST#: 2

ATTN: Flip Phillips

Test Start: 2005.09.22 @ 17:13:57

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.49 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	D.Mud	1.093
202.00	Muddy S.W.50%W-50%M	2.834
0.00	with @ oil scum	0.000

Total Length: 402.00 ft

Total Volume: 3.927 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

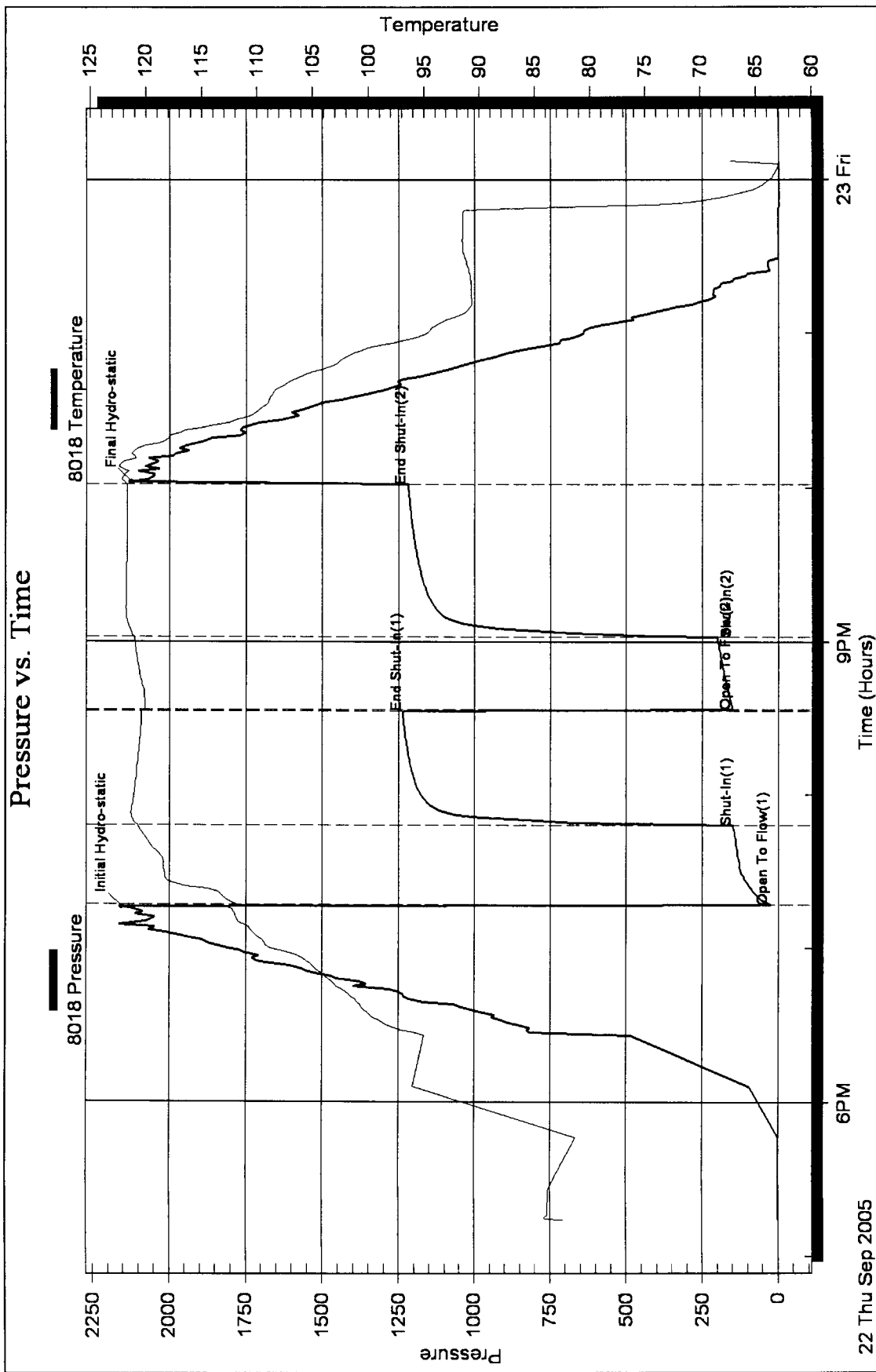
Serial #:

Laboratory Name:

Laboratory Location:

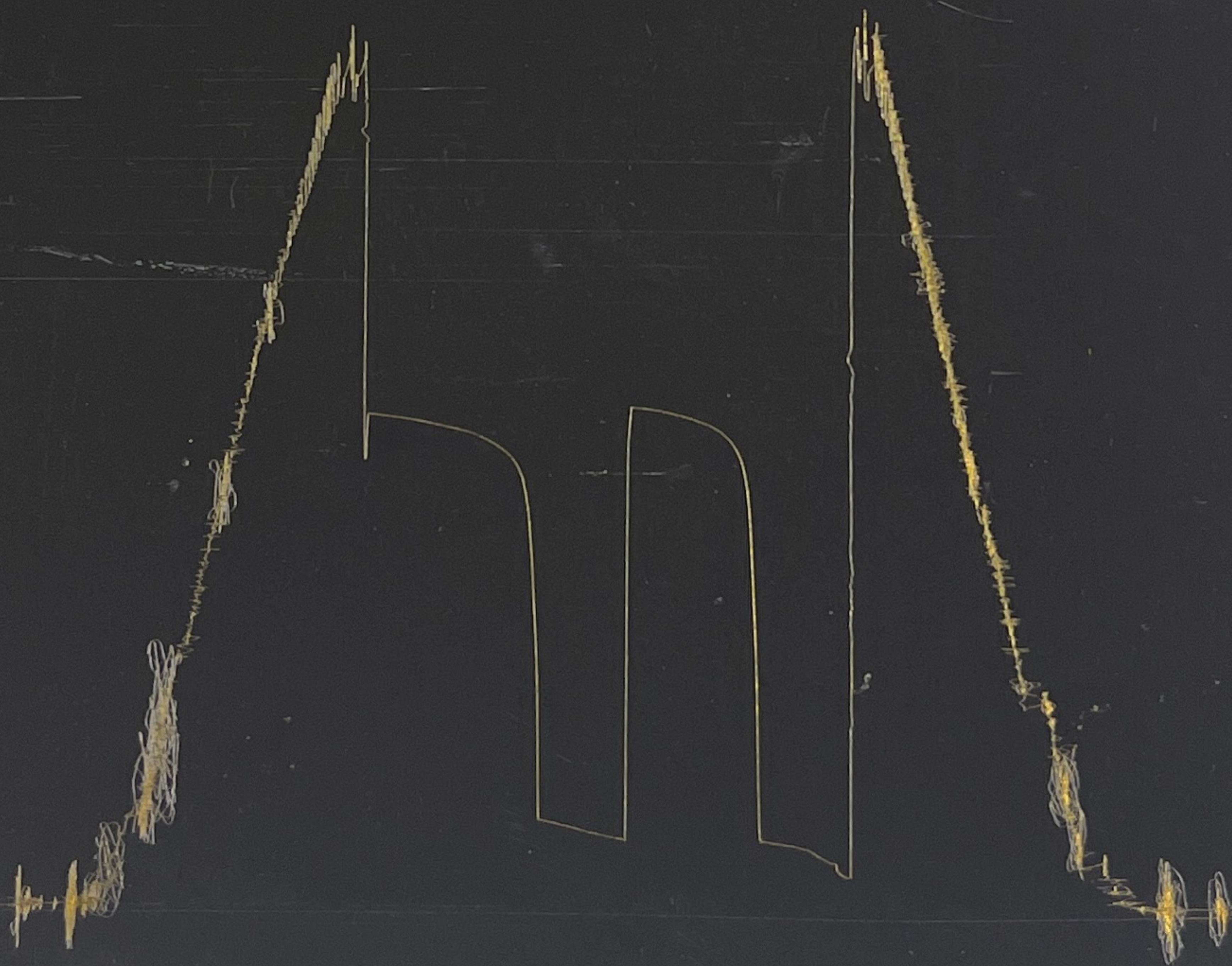
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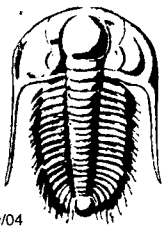
Pressure vs. Time



11084

DST#2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

7936
No 22255

Test Ticket

Well Name & No. FANSHIER 'HD' #1-28 Test No. #1 Date 9-21-05
Company PINTAIL PETROLEUM, LTD Zone Tested FT. SCOTT
Address 225 N MARKET, SUITE 300 WICHITA KS 67202 Elevation 2298 KB 2293 GL
Co. Rep / Geo. FLIP PHILLIPS Cont. MALLARD Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 28 Twp. 19S Rge. 24W Co. NESS State KS
No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4212 TO 4276 Initial Str Wt./Lbs. 55000 Unseated Str Wt./Lbs. 57000
Anchor Length 64' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
Top Packer Depth 4207 Tool Weight 2,000
Bottom Packer Depth 4212 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth 4276 Wt. Pipe Run 0 Drill Collar Run 249
Mud Wt. 9.1 LCM 0 Vis. 47 WL 9.6 Drill Pipe Size 4 1/2 XH Ft. Run 3975
Blow Description FF-STRONG B.O.B, 6-min. FSI WEAK SURF. 1" IN
FF-STRONG B.O.B. 3-min. FSI-FAIR 4" IN

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>430</u>	<u>930</u>	<u>289</u>	<u>141</u>
Rec. <u>190'</u>	Feet of <u>G M W C O</u>	<u>20%</u> gas <u>45%</u> oil	<u>20%</u> water <u>15%</u> mud
Rec. <u>185'</u>	Feet of <u>G W M C O</u>	<u>40%</u> gas <u>35%</u> oil	<u>5%</u> water <u>20%</u> mud
Rec. <u>55'</u>	Feet of <u>60 C M</u>	<u>5%</u> gas <u>15%</u> oil	<u>%</u> water <u>80%</u> mud
Rec. _____	Feet of _____	<u>%</u> gas <u>%</u> oil	<u>%</u> water <u>%</u> mud
Rec. _____	Feet of _____	<u>%</u> gas <u>%</u> oil	<u>%</u> water <u>%</u> mud
BHT <u>121</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW _____ @ _____	°F Chlorides _____	ppm Recovery _____	Chlorides <u>3,500</u> ppm System

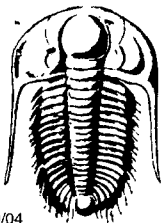
AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2057</u> PSI	<u>8018</u>	<u>B, HOLE 1100</u>
(B) First Initial Flow Pressure	<u>37</u> PSI	(depth) <u>4216</u>	Jars _____
(C) First Final Flow Pressure	<u>132</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1079</u> PSI	(depth) <u>4248</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>139</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>181</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1109</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2003</u> PSI	Initial Shut-In <u>30</u>	Shale 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.

Approved By [Signature]

Our Representative [Signature]

Final Flow	<u>30</u>	Ruined Packer	_____
Final Shut-In	<u>45</u>	Mileage	<u>R.T. 140 140</u>
T-On Location	<u>21:15</u>	Sub Total:	<u>1240</u>
T-Started	<u>22:43</u>	Std. By	<u>[Signature]</u>
T-Open	<u>00:29</u>	Other	_____
T-Pulled	<u>02:53</u>	Total:	_____
T-Out	<u>05:25</u>		



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22256

Test Ticket

Well Name & No. FANSHIER 'HD' #1-28 Test No. #2 Date 9-22-05
Company PINTAIL PET. LTD. Zone Tested MISS.
Address _____ Elevation 2298 KB 2293 GL
Co. Rep / Geo. FLIP PHILLIPS Cont. MALLARD Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 28 Twp. 19S Rge. 24W Co. NESS State KS.
No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4295 To 4373 Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 53,000
Anchor Length 78' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
Top Packer Depth 4290 Tool Weight 2,000
Bottom Packer Depth 4295 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth 4373 Wt. Pipe Run 0 Drill Collar Run 249
Mud Wt. 9.3 LCM 0 Vis. 52 WL 10.5 Drill Pipe Size 4 1/2 XH Ft. Run 188
Blow Description IF - WEAK TO STRONG B.O.B. 22-min. ISF - DEAD
FF - WEAK TO GOOD BUILT TO 8 1/2 in. FST - DEAD

Recovery - Total Feet 402 GIP 0 Ft. in DC 188 Ft. in DP 214
Rec. 200 Feet of D. MUD %gas _____ %oil _____ %water _____ %mud _____
Rec. 202 Feet of MUDDY S.W. %gas _____ %oil 50 %water 50 %mud _____
Rec. _____ Feet of ✓ %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of WITH OIL SCUM %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
BHT 121 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
RW .35 @ 70 °F Chlorides 29000 ppm Recovery _____ Chlorides 3,500 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud		<u>2156</u> PSI	Recorder No.	<u>8018</u>	Test <u>B, HOLE 1100</u>
(B) First Initial Flow Pressure		<u>27</u> PSI	(depth)	<u>4304</u>	Jars _____
(C) First Final Flow Pressure		<u>147</u> PSI	Recorder No.	<u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>1233</u> PSI	(depth)	<u>4334</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>149</u> PSI	Recorder No.		Sampler _____
(F) Second Final Flow Pressure		<u>200</u> PSI	(depth)		Straddle _____
(G) Final Shut-In Pressure		<u>1219</u> PSI	Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2124</u> PSI	Initial Shut-In	<u>45</u>	Shale 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 Flow	<u>30</u>	Ruined Packer _____
			Final Shut-In	<u>60</u>	Mileage <u>R.T. 20</u>
			T-On Location	<u>16:00</u>	Sub Total: <u>1120</u>
			T-Started	<u>17:13</u>	Std. By _____
			T-Open	<u>19:16</u>	Other _____
			T-Pulled	<u>22:01</u>	Total: _____
			T-Out	<u>00:06</u>	

Approved By Walter Phillips
Our Representative John F. Schmidt