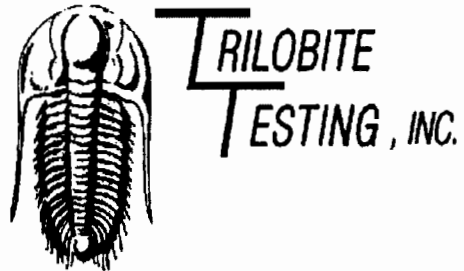


15-187-26923-0001



DRILL STEM TEST REPORT

Prepared For: **Pioneer Oil**

RR 4 Box 142 B
Lawrenceville IL 62439

ATTN: Tommy Disker

21 30S 40W Stanton

E Shore 21-11

Start Date: 2001.07.17 @ 07:40:00

End Date: 2001.07.17 @ 13:21:00

Job Ticket #: 14223 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

Pioneer Oil
RR 4 Box 142 B
Lawrenceville IL 62439

ATTN: Tommy Disker

E Shore 21-11
21 30S 40W Stanton
Job Ticket: 14223 **DST#: 1**
Test Start: 2001.07.17 @ 07:40:00

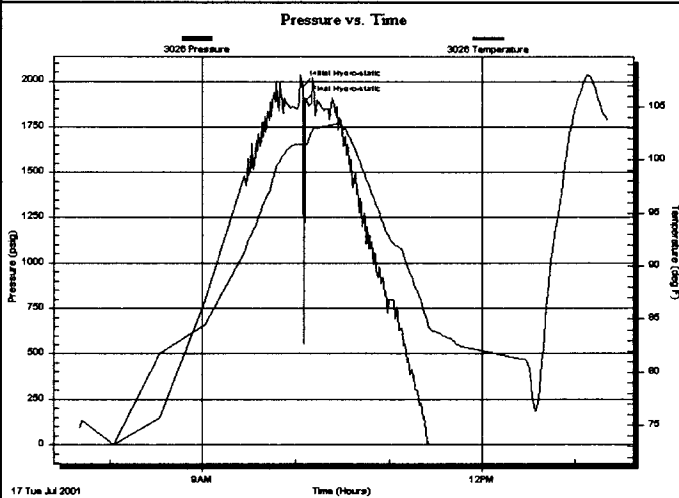
GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: **No** Whipstock: ft (KB) Test Type: Conventional Straddle
Time Tool Opened: 00:00:00 Tester: Jakki Kreklau
Time Test Ended: 13:21:00 Unit No: 17

Interval: **4219.00 ft (KB) To 4367.00 ft (KB) (TVD)** Reference Elevations: 3303.00 ft (KB)
Total Depth: 4367.00 ft (KB) (TVD) 3293.00 ft (CF)
Hole Diameter: 7.78 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 3026 **Inside**
Press@RunDepth: psig @ 4220.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2001.07.17 End Date: 2001.07.17 Last Calib.: 2001.01.31
Start Time: 07:40:02 End Time: 13:21:00 Time On Btm: 2001.07.17 @ 10:04:45
Time Off Btm: 2001.07.17 @ 10:06:00

TEST COMMENT: IF- Packer Failed tried again no help



PRESSURE SUMMARY

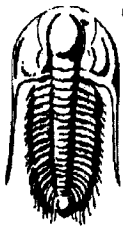
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1973.44	101.52	Initial Hydro-static
2	1891.11	101.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	DRILG MUD 100%	2.39

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pioneer Oil
RR 4 Box 142 B
Lawrenceville L 62439
ATTN: Tommy Disker

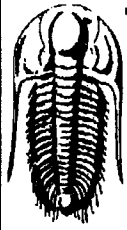
E Shore 21-11
21 30S 40W Stanton
Job Ticket: 14223 **DST#: 1**
Test Start: 2001.07.17 @ 07:40:00

Tool Information

Drill Pipe:	Length: 3886.00 ft	Diameter: 3.80 inches	Volume: 54.51 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4219.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	4300.00 ft			
Interval between Packers:	81.00 ft			
Tool Length:	178.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			4198.00	
HMV	5.00			4203.00	
Jars	5.00			4208.00	
Safety Joint	2.00			4210.00	
Packer	5.00			4215.00	26.00 Bottom Of Top Packer
Packer	4.00			4219.00	
Stubb	1.00			4220.00	
Recorder	0.00	3026	Inside	4220.00	
Perforations	7.00			4227.00	
Recorder	0.00	13275	Outside	4227.00	
C.O. Sub	1.00			4228.00	
Blank Spacing	62.00			4290.00	
C.O. Sub	1.00			4291.00	
Perforations	8.00			4299.00	
Blank Off Sub	1.00			4300.00	81.00 Tool Interval
Packer	4.00			4304.00	
Stubb	1.00			4305.00	
C.O. Sub	1.00			4306.00	
Blank Spacing	61.00			4367.00	
C.O. Sub	1.00			4368.00	
Bullnose	3.00			4371.00	71.00 Bottom Packers & Anchor
Total Tool Length:	178.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Oil
RR 4 Box 142 B
Lawrenceville IL 62439

ATTN: Tommy Disker

E Shore 21-11
21 30S 40W Stanton
Job Ticket: 14223 **DST#: 1**
Test Start: 2001.07.17 @ 07:40:00

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
372.00	DRILG MUD 100%	2.394

Total Length: 372.00 ft Total Volume: 2.394 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

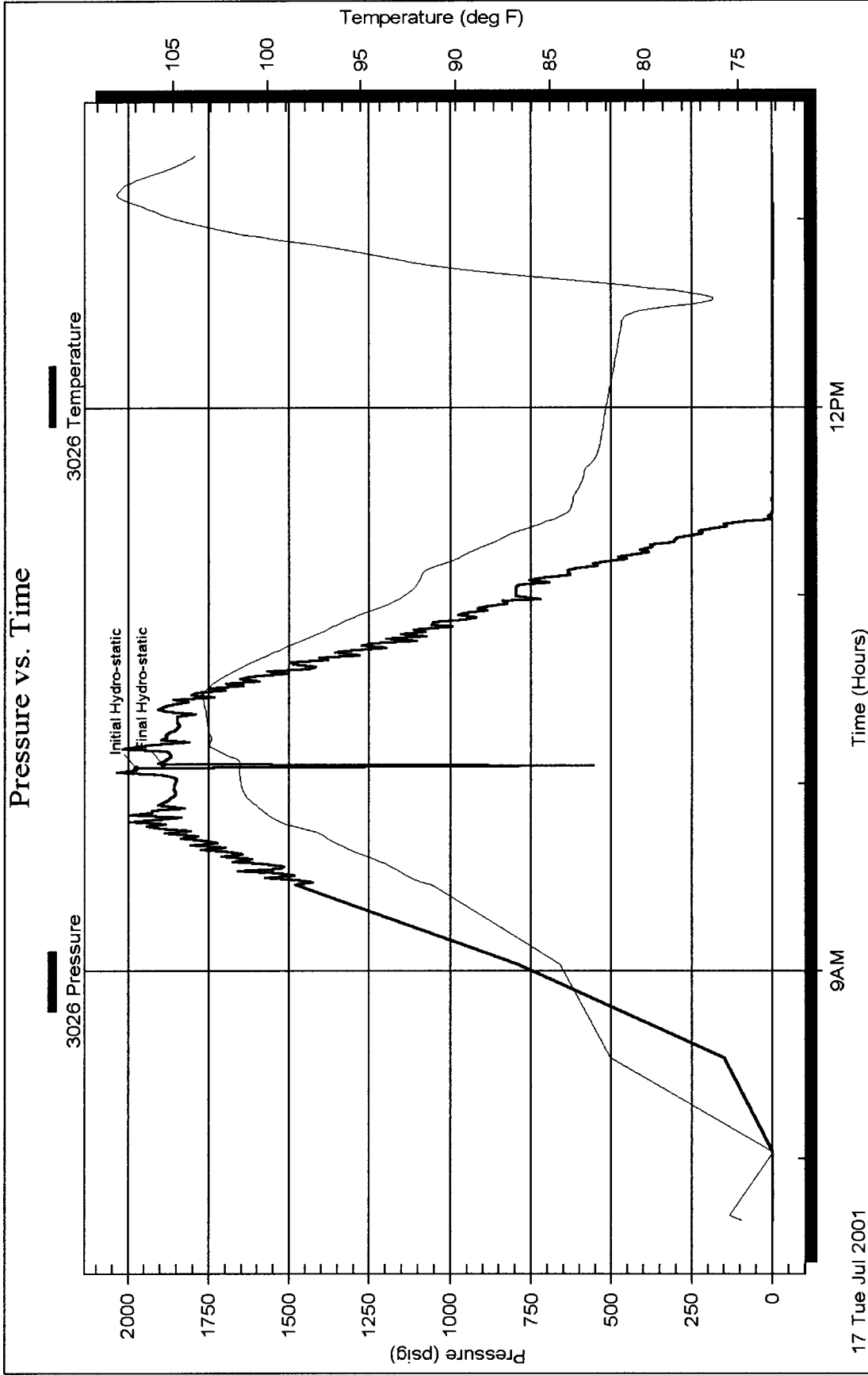
Serial #: 3026

Inside

Pioneer Oil

21 30S 40W Stanton

DST Test Number: 1



17 Tue Jul 2001

9AM

Time (Hours)

12PM

CHART PAGE

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

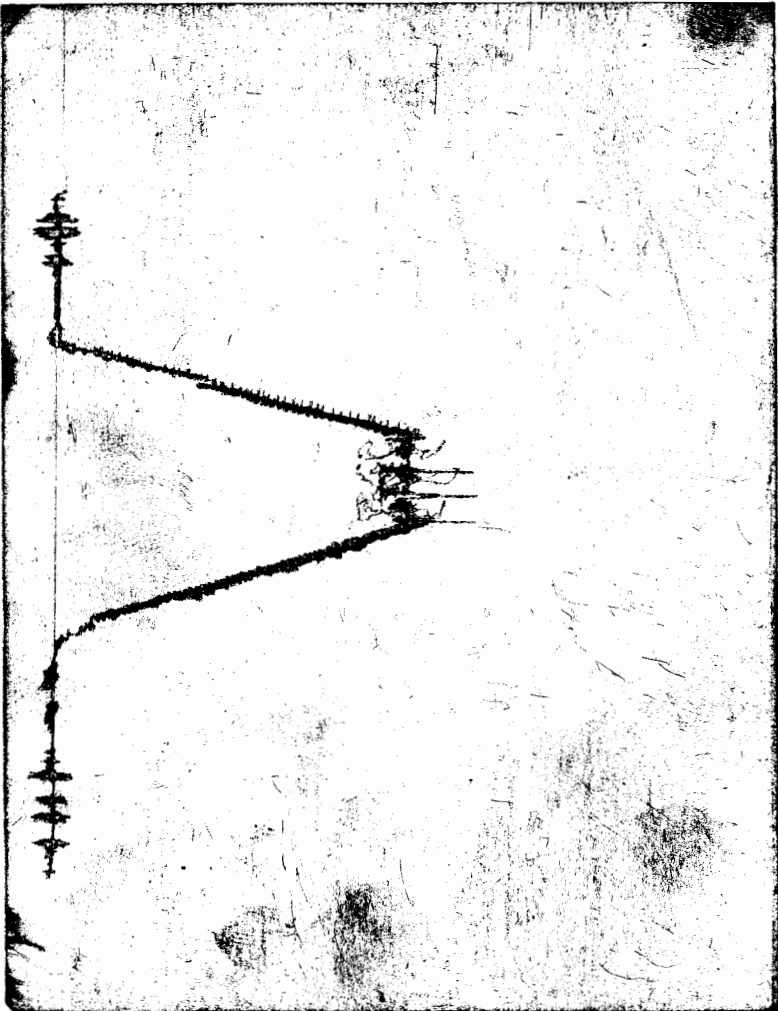
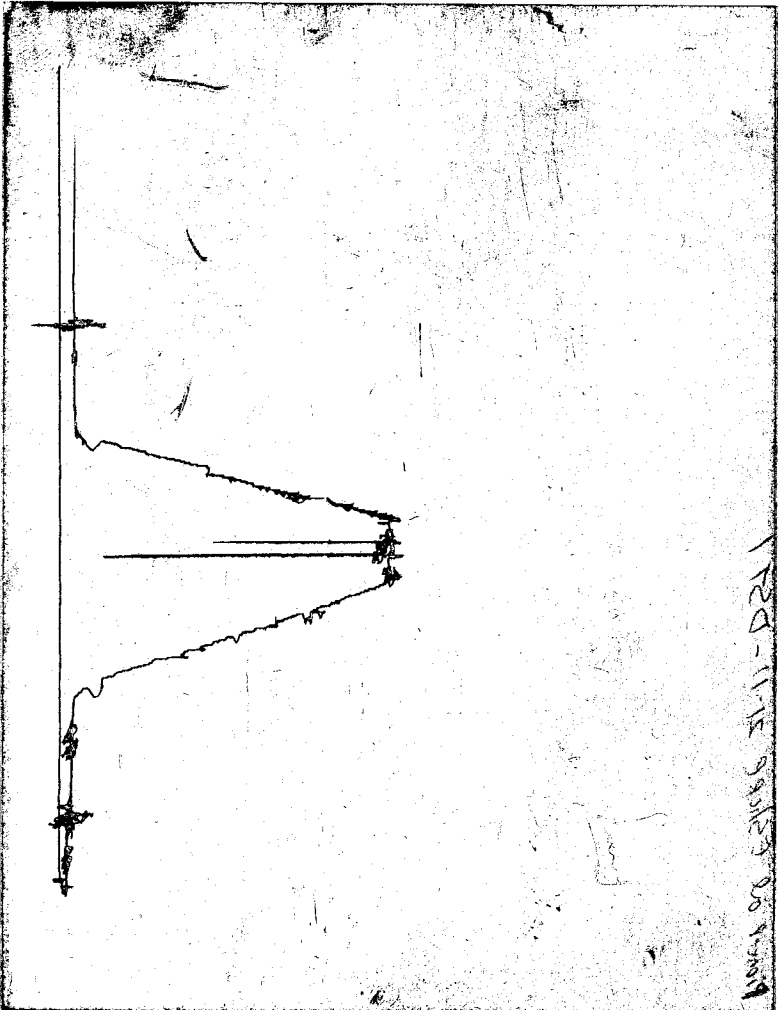


CHART PAGE

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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 14223

Test Ticket

Well Name & No. <u>F. Shore - 21-11</u>	Test No. <u>1</u>	Date <u>07-17-01</u>
Company <u>Pronex Oil</u>	Zone Tested <u>Marmaton</u>	
Address <u>Liberal Ks P.O. BOX 976</u>	Elevation <u>3293</u>	KB <u>3303</u> GL
Co. Rep / Geo. <u>Tommy Disker</u>	Cont. <u>CHAYNNE Rig #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>21</u>	Twp. <u>30S</u>	Rge. <u>40W</u>
Co. <u>Stanton</u>		State <u>Ks</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____
Evaluation (Y, N) _____		

Interval Tested <u>4219-4300-4367</u>	Initial Str Wt./Lbs. <u>60000</u>	Unseated Str Wt./Lbs. <u>60000</u>
Anchor Length <u>81</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>62000</u>
Top Packer Depth <u>4214</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>4219</u>	Hole Size — <u>7 7/8" ✓</u>	Rubber Size — <u>6 3/4" ✓</u>
Total Depth <u>4367</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>310</u>
Mud Wt. <u>8.7</u> LCM <u>0</u> Vis <u>56</u> WL <u>76</u>	Drill Pipe Size <u>4 1/2 x 0</u>	Ft. Run <u>3916</u>
Blow Description <u>Packer Failed, Try again NG Help</u>		

Recovery — Total Feet <u>372</u>	GIP _____	Ft. in DC <u>310</u>	Ft. in DP <u>62</u>
Rec. <u>372</u>	Feet Of <u>Daily Mud</u>	%gas _____	%oil _____
Rec. _____	Feet Of _____	%water <u>100</u>	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____
Rec. _____	Feet Of _____	%water _____	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____
Rec. _____	Feet Of _____	%water _____	%mud _____
BHT _____	°F Gravity _____	°API D@ _____	°F Corrected Gravity _____
RW _____	@ _____	°F Chlorides _____	ppm Recovery _____
		Chlorides <u>100</u>	ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>1973</u>	Alpine	PSI Recorder No. <u>3026</u>	T-On Location <u>0430</u>
(B) First Initial Flow Pressure	1973		PSI (depth) <u>4220</u>	T-Started <u>0740</u>
(C) First Final Flow Pressure			PSI Recorder No. <u>13278</u>	T-Open <u>10:04</u>
(D) Initial Shut-In Pressure			PSI (depth) <u>4227</u>	T-Pulled <u>10:06</u>
(E) Second Initial Flow Pressure			PSI Recorder No. <u>5495</u>	T-Off <u>13:21</u>
(F) Second Final Flow Pressure			PSI (depth) <u>4367</u>	T-Off Location <u>1500</u>
(G) Final Shut-in Pressure			PSI Initial Opening _____	Test <u>straddle</u> <u>600</u>
(Q) Final Hydrostatic Mud	<u>1891</u>		PSI Initial Shut-in _____	Jars <u>✓</u> <u>200</u>
			Final Flow _____	Safety Joint <u>✓</u> <u>50</u>
			Final Shut-in _____	Straddle <u>✓</u> <u>250</u>
				Circ. Sub <u>✓</u>
				Sampler _____
				Extra Packer <u>✓</u> <u>150</u>
				Elec. Rec. <u>✓</u> <u>150</u>
				Mileage <u>40</u> <u>40</u>
				Other <u>Ex Rec</u> <u>75.00</u>
				TOTAL PRICE \$ <u>1605.00</u>
				<u>1515.00</u>

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Approved By [Signature]
 Our Representative [Signature]

TOTAL PRICE \$ 1605.00
1515.00