



**TRILOBITE  
TESTING, INC.**

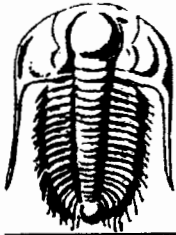
**DRILL STEM TEST REPORT**

Prepared for

Te-Pe Oil & gas Co.  
PO Box 522  
Canton, KS 67428

Kramer #23  
28-27S-4E  
Butler Co Kansas

Trilobite Testing, Inc  
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# TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT  
 Te-Pe Oil & gas Co.  
 PO Box 522  
 Canton, KS 67428

Well name#:	Kramer #23	Date:	1/14/2004
Location#:	28-27S-4E Butler Co Kansas	Ticket #:	18701
		DST#	1

**General Informaion:**

Formation:	Arbuckle	Test Type:	Conventional	BHT:	91
Interval:	2390-2398	Tester:	Gary Pevoteaux	OIL API:	
Total Depth:	2398	Elevation:	1227 ft(KB)	H2O Salinity:	
Hole Diameter:	7 7/8"		1219 ft(CF)		

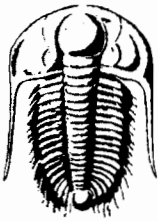
Start Data:	1/14/2004	Tool Weight:	2100	Mud Type:	Chemical
Start Time:	6:00:00	Weight Set on Packers:	24000	Mud Weight:	9.2
Time tool opened:	8:01:00	Weight to Pull Loose:	42000	Viscosity:	44
Time Off Btn:	10:04:00	Initial String Weight:	33000	Water Loss:	14
End Date:	1/14/04	Final String Weight:	34000	Resistivity;	
End Time:	12:20:00	Drill Pipe Length:	2220	Salinity:	
		Drill Collar Length:	180		
		Wt. Pipe Length:			

Test Comment:  
 IF: Very weak blow. 1/4" or less Dead in 12 mins.  
 ISI: Flushed tool 18 mins into IFP  
 FF: No blow.

Recovery  
 Length(ft): 5 Mud with a few oil specs  
 Show of clean oil at top of tool. Good odor.

**Gas Volume Report**

Recorder #:	13788	Min:	Ins. Of water	Orifice	MCF/D
Pressure Summary:	Time:(min)		PSIG	size	
Initial Hydro-static:	1150.23				
Open to Flow (1):	22.09 30				
Shut-in (1):	11.63 30				
End Shut-in (1):	9.3				
Open to Flow (2):	9.3 30				
Shut-in (2):	9.3 30				
End Shut-in (2);	6.98				
Final Hydro-static:	1152.52				



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

*INV 0133*

N<sup>o</sup> 18701

05/03

## Test Ticket

Well Name & No. Kramer #23 Test No. 1 Date 1-14-04  
 Company Tu Pe Oil & Gas Co. Zone Tested Arbuckle  
 Address P.O. Box 522, Canton, Mo. 67428 Elevation 1227 KB 1219 GL  
 Co. Rep / Geo. Tom Blair Cont. C & C Drilling Co. Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 28 Twp. 27 S Rge. 4 E Co. Butler State Ko.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 2390 - 2398' Initial Str Wt./Lbs. 33,000 Unseated Str Wt/Lbs. 34,000  
 Anchor Length 8' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 42,000  
 Top Packer Depth 2385 Tool Weight 2100 #  
 Bottom Packer Depth 2390' Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth 2395' Wt. Pipe Run None Drill Collar Run 180  
 Mud Wt. 9.2 LCM 2# Vis. 44 WL 14.0" Drill Pipe Size 4" Ft. Run 2220'  
 Blow Description IF: Very weak below. 1/4" or less. Dead in 12 mins.  
Flushed tool 18 mins. into IFP.  
FF: No blow.

Recovery - Total Feet 5 GIP trace <sup>collar</sup> Ft. in DC 5 Ft. in DP 0  
 Rec. 5 Feet of Mud @ a few oil specks %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of Show of clean oil @ top %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of of tool. Good ODSI. %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 BHT 91 °F Gravity N/A °API D @ \_\_\_\_\_ °F Corrected Gravity N/A °API  
 RW N.C. @ \_\_\_\_\_ °F Chlorides 4,000 ppm Recovery \_\_\_\_\_ Chlorides 4,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1160	PSI	13788	✓ 700°
(B) First Initial Flow Pressure	6	PSI	2395	Elec. Rec. _____
(C) First Final Flow Pressure	4	PSI	—	Jars _____
(D) Initial Shut-In Pressure	4	PSI	—	Safety Jt. _____
(E) Second Initial Flow Pressure	4	PSI	—	Circ Sub _____
(F) Second Final Flow Pressure	4	PSI	—	Sampler _____
(G) Final Shut-In Pressure	6	PSI	Initial Opening	30
(Q) Final Hydrostatic Mud	1156	PSI	Initial Shut-In	30
			Final Flow	30
			Final Shut-In	30
			T-On Location	0545
			T-Started	0600
			T-Open	0801
			T-Pulled	1004
			T-Out	1220

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Approved By [Signature]  
 Our Representative [Signature]

Mileage  105178.50  
 Sub Total: \_\_\_\_\_  
 Std. By 878.50  
 Other \_\_\_\_\_  
 Total:  805.00

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

