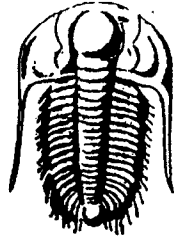


03-23S-16W  
NE NE SW



**TRILOBITE**  
**TESTING, INC.**

DRILL STEM TEST REPORT

Prepared for

VJI Natural Resources  
30-38 48th St  
Astora, NY 11103

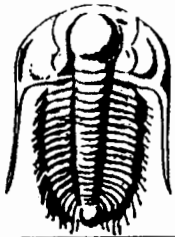
Richards Trust #1  
3-23S-16W  
Pawnee Co Kansas

RECEIVED  
OCT 24 2005  
KCC WICHITA

Trilobite Testing, Inc  
PO Box 362 - Hays, Kansas - 67601  
ph: 785-625-4778 fax: 785-625-5620  
e-mail: trilobite@eaglecom.net

15-145-21520-00-00

2210 FSL 2310 FWL



# TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT  
 VJI Natural Resources  
 30-38 48th St  
 Astora, NY 11103

Well name#:	Richards Trust #1	Date:	4/9/2005
Location#:	3-23S-16W Pawnee Co Kansas	Ticket #:	199992
		DST#	1

**General Informaion:**

Formation:	Conglomerat	Test Type:	Conventional	BHT:	
Interval:	4055-4080	Tester:	Darren Amerine	OIL API:	
Total Depth:	4080	Elevation:	2035 ft(KB)	H2O Salinity:	
Hole Diameter:	7 7/8"		2030 ft(CF)		
Start Data:		Tool Weight:	2100	Mud Type:	Chemical
Start Time:	17:29:00	Weight Set on Packers:	20000	Mud Weight:	9.1
Time tool opened:	21:40:00	Weight to Pull Loose:	60000	Viscosity:	58
Time Off Btm:	0:25:00	Initial String Weight:	40000	Water Loss:	12
End Date:	4/10/05	Final String Weight:	45000	Resistivity:	.15 @ 70F
End Time:	11:00:00	Drill Pipe Length:	4038	Salinity:	
		Drill Collar Length:			
		Wt. Pipe Length:			

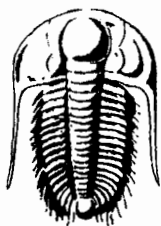
**Test Comment:**

IF: Strong blow BOB in 10 sec., GTS in 3 min. Gauged Gas  
 ISI: Bled down for 25 min., No blow back.  
 FF: Strong blow BOB in 10 sec. Gauged Gas  
 FSI: Bled down for 35 min., No blow back.

<b>Recovery</b>			
Length(ft):	120 G & WCM	10%G 40%W 50%M	
	0 3918' GIP		

**Gas Volume Report**

Recorder #:	13266		Min:	PSIG	Orifice size	MCF/D
Pressure Summary:		Time:(min)				
Initial Hydro-static:	2010		10	235	1"	7169954
Open to Flow (1):	912	30	20	210	1"	6451234
Shut-in (1):	912	30	30	185	1"	5732513
End Shut-in (1):	1336					
Open to Flow (2):	908	45	10	180	1"	5588769
Shut-in (2):	968	60	20	165	1"	515737
End Shut-in (2):	1336		30	160	1"	50013793
Final Hydro-static:	1980		40	155	1"	4870049
			50	150	1"	4726305



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

TWV  
1362

No 19992

05/03

## Test Ticket

Well Name & No. Richards Trust #1 Test No. #1 Date 4-9-05  
 Company V.J.I Natural Resources Inc Zone Tested AD Conglomerate  
 Address 30-38 48th St. Astoria, New York 11103 Elevation 2035 KB 2030 GL  
 Co. Rep / Geo. Bob Stoltzle Cont. Petromark #1 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 3 Twp. 235 Rge. 16W Co. Pawnee, Co State Ks  
 No. of Copies 5 Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 4055' - 4080' Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 45000  
 Anchor Length 25' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60000  
 Top Packer Depth 4050 Tool Weight 2100  
 Bottom Packer Depth 4055 Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth 4080 Wt. Pipe Run N/A Drill Collar Run N/A  
 Mud Wt. 9.1 LCM Trace Vis. SB WL 12.0 Drill Pipe Size 4 1/2 XH Ft. Run 4038'

Blow Description IF: Strong blow b.o.b in 10 sec. 6TS in 3 mins Gauge Bad.  
IST: Bled down for 25 mins. No blow back.  
FF: Strong blow b.o.b in 10 sec. Gauge Bad.  
FST: Bled down for 35 mins. No blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>120'</u>	<u>3918'</u>	<u>120'</u>	<u>120'</u>
Rec. <u>120'</u>	Feet of <u>68 WCM</u>	<u>10</u> %gas	<u>40</u> %oil <u>50</u> %water <u>50</u> %mud
Rec. <u>3918'</u>	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 \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW .15 @ 70 °F Chlorides 6000 ppm Recovery \_\_\_\_\_ Chlorides 8000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud <u>2010</u>	<u>clock</u> PSI	<u>8017</u>	<input checked="" type="checkbox"/> <u>1000</u>
(B) First Initial Flow Pressure <u>912</u>	<u>stopped</u> PSI	(depth) <u>4057'</u>	Elec. Rec. <input checked="" type="checkbox"/>
(C) First Final Flow Pressure <u>912</u>	PSI	Recorder No. <u>13266</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
(D) Initial Shut-In Pressure <u>1336</u>	PSI	(depth) <u>4077'</u>	Safety Jt. <input checked="" type="checkbox"/> <u>50</u>
(E) Second Initial Flow Pressure <u>908</u>	PSI	Recorder No. _____	Circ Sub <input checked="" type="checkbox"/> <u>35</u>
(F) Second Final Flow Pressure <u>968</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure <u>1336</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud <u>1980</u>	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____

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Approved By [Signature] T-Open 2140  
 Our Representative Darren Schermer T-Pulled 0025  
 T-Out 1100  
 Sub Total: 1335  
 Std. By 120  
 Other 360  
 Total: 1815

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

