

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SKOLOUR #2 Test No. 1 Date 9/16/92
Company A.L. ABERCROMBIE, INC. Zone LANSING B&C
Address 150 N MAIN SWT #801 WICHITA KS 67202-1383 Elevation UNKNOWN
Co. Rep./Geo. MARK GALYON Cont. ABERCROMBIE RIG #5 Est. Ft. of Pay _____
Location: Sec. 23 Twp. 1s Rge. 35w Co. RAWLINS State KS

Interval Tested 4050-4150
Anchor Length 100
Top Packer Depth 4045
Bottom Packer Depth 4050
Total Depth 4150

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run 730
Drill Collar - 2.25 Ft. Run _____
Mud Wt. 9.1 lb/Gal.
Viscosity 48 Filtrate 11.2

Tool Open @ 7:35 PM Initial Blow WEAK BLOW -SLOW INCREASE TO 2.5" IN WATER

Final Blow WEAK BLOW-SLOW INCREASE TO 3.25" IN WATER

Recovery - Total Feet 210 Flush Tool? NO

Rec. 30 Feet of OIL CUT MUD-23%OIL/77%MUD
Rec. 90 Feet of SLTLY OIL CUT MUD-1%OIL/99%MUD
Rec. 90 Feet of MUDDY WATER WITH OIL SPECKS-65%WTR/35%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 115 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 24000 ppm Recovery Chlorides 400 ppm System

(A) Initial Hydrostatic Mud 1944.6 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 30.8 PSI @ (depth) 4147 w / Clock No. 22993

(C) First Final Flow Pressure 74.9 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 794.3 PSI @ (depth) 4080 w / Clock No. 30410

(E) Second Initial Flow Pressure 79.5 PSI AK1 Recorder No. _____ Range _____

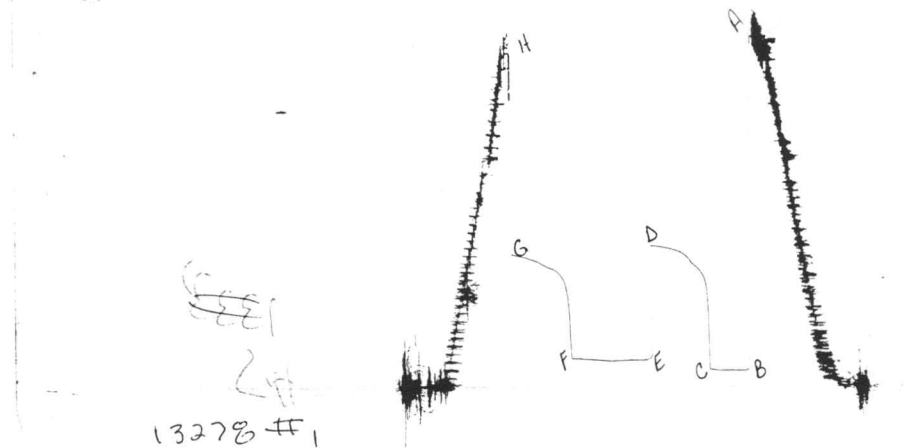
(F) Second Final Flow Pressure 110.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 744.9 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1920.6 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1942	1944.6
(B) FIRST INITIAL FLOW PRESSURE	25	30.8
(C) FIRST FINAL FLOW PRESSURE	75	74.9
(D) INITIAL CLOSED-IN PRESSURE	795	794.3
(E) SECOND INITIAL FLOW PRESSURE	80	79.5
(F) SECOND FINAL FLOW PRESSURE	109	110.4
(G) FINAL CLOSED-IN PRESSURE	747	744.9
(H) FINAL HYDROSTATIC MUD	1922	1920.6

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Test Ticket

No 5444

Well Name & No. <u>SKOLCUT #2</u>	Test No. <u>1</u>	Date <u>9-16-92</u>
Company <u>A.L. ABERCROMBIE INC.</u>	Zone Tested <u>LANC. B&C</u>	
Address <u>1501 N. MAIN, SUITE 801 WICHITA KS 67202</u>	Elevation <u>UNKNOWN</u>	
Co. Rep./Geo. <u>MARK GAYLON</u>	Cont. <u>Co. Tools Rigs</u>	Est. Ft. of Pay
Location: Sec. <u>23</u>	Twp. <u>15</u>	Rge. <u>35W</u>
Co. <u>RAWLINS</u>	State <u>KS</u>	
No. of Copies	Distribution Sheet	Yes No Turnkey Yes No Evaluation

Interval Tested <u>4050 - 4150'</u>	Drill Pipe Size <u>4 1/2" X.H.</u>
Anchor Length <u>100'</u>	Top Choke — 1" ☒ Bottom Choke — 3/4" ☒
Top Packer Depth <u>4045'</u>	Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
Bottom Packer Depth <u>4050'</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>730'</u>
Total Depth <u>4150'</u>	Drill Collar — 2.25 Ft. Run <u>None</u>
Mud Wt. <u>9.1</u> lb/gal.	Viscosity <u>48</u> Filtrate <u>11.2 cc</u>
Tool Open @ <u>7:35 P.M.</u>	Initial Blow <u>Weak below (slow increase to 2 1/2" in H₂O)</u>
Final Blow <u>Weak below (slow increase to 3 1/4" in H₂O)</u>	

Recovery — Total Feet <u>210'</u>	Feet of Gas in Pipe	Flush Tool? <u>No</u>
Rec. <u>30</u> Feet Of <u>O.C.M.</u>	%gas <u>23</u> %oil <u>~</u> %water <u>77</u> %mud	
Rec. <u>90</u> Feet Of <u>S.O.C.M.</u>	%gas <u>1</u> %oil <u>~</u> %water <u>99</u> %mud	
Rec. <u>90</u> Feet Of <u>M.W. @ oil spec.</u>	%gas <u>~</u> %oil <u>65</u> %water <u>35</u> %mud	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud	

BHT <u>115</u> °F Gravity <u>N.A.</u>	°API @ _____ °F Corrected Gravity <u>N.A.</u>	°API
RW <u>N.A.</u> @ _____ °F	Chlorides <u>24,000</u> ppm Recovery	Chlorides <u>400</u> ppm System
(A) Initial Hydrostatic Mud <u>1942</u> PSI	AK1 Recorder No. <u>13228</u>	Range <u>4400</u>
(B) First Initial Flow Pressure <u>25</u> PSI	@ (depth) <u>4147'</u>	w/Clock No. <u>22993</u>
(C) First Final Flow Pressure <u>75</u> PSI	AK1 Recorder No. <u>10248</u>	Range <u>4400</u>
(D) Initial Shut-In Pressure <u>795</u> PSI	@ (depth) <u>4080'</u>	w/Clock No. <u>30410</u>
(E) Second Initial Flow Pressure <u>80</u> PSI	AK1 Recorder No. <u>~</u>	Range <u>~</u>
(F) Second Final Flow Pressure <u>109</u> PSI	@ (depth) <u>~</u>	w/Clock No. <u>~</u>
(G) Final Shut-In Pressure <u>747</u> PSI	Initial Opening <u>30</u>	Test ☒
(H) Final Hydrostatic Mud <u>1922</u> PSI	Initial Shut-In <u>45</u>	Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 Mark Gaylon

Our Representative Conny D. D. D.

Printcraft Printers • Hays, KS

Final Flow <u>60</u>	Safety Joint _____
Final Shut-In <u>45</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Other _____
	TOTAL PRICE \$ <u>✓ 550.00</u>

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Drill-Stem Test Data

Well Name SKOLOUR #2 Test No. 2 Date 9/17/92
Company A.L. ABERCROMBIE, INC. Zone LANSING D&E
Address 150 N MAIN SWT #801 WICHITA KS 67202-1383 Elevation UNKNOWN
Co. Rep./Geo. MARK GALYON Cont. ABERCROMBIE RIG #5 Est. Ft. of Pay _____
Location: Sec. 23 Twp. 1S Rge. 35W Co. RAWLINS State KS

Interval Tested <u>4155-4245</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>90</u>	Wt. Pipe I.D. - 2.7 Ft. Run <u>730</u>
Top Packer Depth <u>4150</u>	Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth <u>4155</u>	Mud Wt. <u>9.2</u> lb/Gal.
Total Depth <u>4245</u>	Viscosity <u>49</u> Filtrate <u>11.2</u>

Tool Open @ 2:20 PM Initial Blow WEAK BLOW (1/2")-DEAD IN 30 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 20 Flush Tool? NO

Rec. 20 Feet of SLTLY OIL CUT MUD-2%OIL/98%MUD
Rec. _____ Feet of SOME CLEAN OIL @ TOP OF TOOL
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 117 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 1000 ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud 1968.7 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 30.8 PSI @ (depth) 4242 w / Clock No. 22993

(C) First Final Flow Pressure 33.9 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 547.2 PSI @ (depth) 4178 w / Clock No. 30410

(E) Second Initial Flow Pressure 35.1 PSI AK1 Recorder No. _____ Range _____

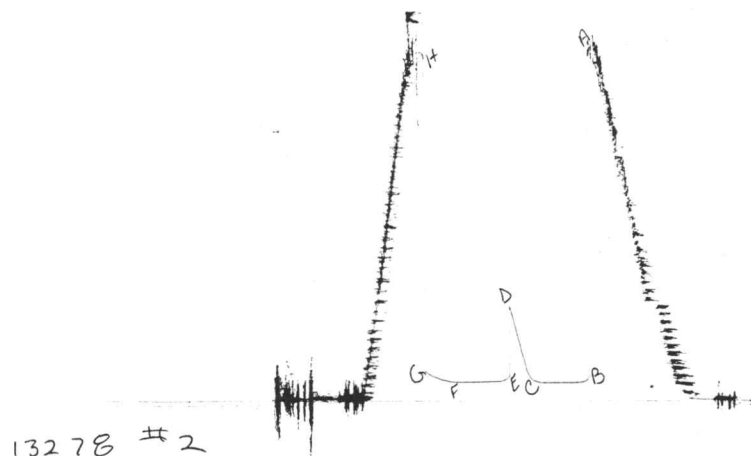
(F) Second Final Flow Pressure 35.1 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 141.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1933.6 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1962	1968.7
(B) FIRST INITIAL FLOW PRESSURE	25	30.8
(C) FIRST FINAL FLOW PRESSURE	28	33.9
(D) INITIAL CLOSED-IN PRESSURE	541	547.2
(E) SECOND INITIAL FLOW PRESSURE	30	35.1
(F) SECOND FINAL FLOW PRESSURE	30	35.1
(G) FINAL CLOSED-IN PRESSURE	137	141.7
(H) FINAL HYDROSTATIC MUD	1931	1933.6

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Test Ticket

No 5445

Well Name & No.	Sokolout #2		Test No.	2	Date	9-17-92
Company	A.L. ABERCROMBIE Inc.		Zone Tested	LANS O&E		
Address	150 N. MAIN SUITE 801 WICHITA KS 67202		Elevation	UNKNOWN		
Co. Rep./Geo.	MARK GALYON	Cont.	Co. TOOLS RIGS	Est. Ft. of Pay		
Location: Sec.	23	Twp.	15	Rge.	35W	Co. RAWLINS State KS
No. of Copies	Distribution Sheet		Yes	No	Turnkey	Yes No Evaluation

Interval Tested	4155 - 4245'	Drill Pipe Size	4 1/2" X H.
Anchor Length	90'	Top Choke — 1"	✓ Bottom Choke — 3/4" ✓
Top Packer Depth	4150'	Hole Size — 7 7/8"	✓ Rubber Size — 6 3/4" ✓
Bottom Packer Depth	4155'	Wt. Pipe I.D. — 2.7 Ft. Run	730'
Total Depth	4245'	Drill Collar — 2.25 Ft. Run	NONE
Mud Wt.	9.2 lb/gal.	Viscosity	49 Filtrate 11.2 cc.
Tool Open @	2:20 PM.	Initial Blow	Went below (1/2") Dead in 30 mins.
Final Blow	No blow		

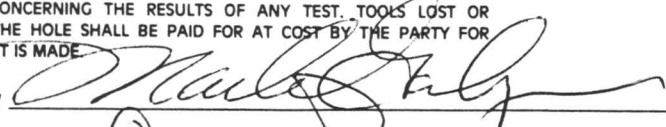
Recovery — Total Feet	20'	Feet of Gas in Pipe		Flush Tool?	No
Rec.	20'	Feet Of	S.O.C.M.	% gas 2	% oil 98 % mud
Rec.		Feet Of	Some clean oil	% gas	% oil % water % mud
Rec.		Feet Of	@ Top of Tool.	% gas	% oil % water % mud
Rec.		Feet Of		% gas	% oil % water % mud
Rec.		Feet Of		% gas	% oil % water % mud

BHT	117	°F Gravity	N.A.	°API @	~	°F Corrected Gravity	N.A.	°API
RW	N.A.	@	~	°F Chlorides	1,000	ppm Recovery	Chlorides 1,500	ppm System

(A) Initial Hydrostatic Mud	1962	PSI	AK1 Recorder No.	13278	Range	4400
(B) First Initial Flow Pressure	25	PSI	@ (depth)	4242'	w/Clock No.	22993
(C) First Final Flow Pressure	28	PSI	AK1 Recorder No.	10248	Range	4400
(D) Initial Shut-In Pressure	541	PSI	@ (depth)	4178'	w/Clock No.	30410
(E) Second Initial Flow Pressure	30	PSI	AK1 Recorder No.	~	Range	~
(F) Second Final Flow Pressure	30	PSI	@ (depth)	~	w/Clock No.	~
(G) Final Shut-In Pressure	137	PSI	Initial Opening	30	Test	✓
(H) Final Hydrostatic Mud	1931	PSI	Initial Shut-In	30	Jars	

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Final Flow	30	Safety Joint	
Final Shut-In	30	Straddle	
		Circ. Sub	
		Sampler	
		Extra Packer	
		Other	

Approved By 

Our Representative 