

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 109-20655-00-00

Operator: License # 3988
Name: Slawson Exploration Co., Inc.
Address 200 N Harvey, Ste 1412
OKC OK 73102
City/State/Zip _____

County Logan
Apx. C NW Sec. 24 Twp. 12 Rge. 33 X W
3880 Feet from (S) N (circle one) Line of Section
3940 Feet from (E) W (circle one) Line of Section

Purchaser: _____
Operator Contact Person: Steve Slawson
Phone (405) 232-0201
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: Richard Robba

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIOW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Lease Name STOECKER "X" Well # 1
Field Name Wildcat
Producing Formation _____
Elevation: Ground 3079 KB _____
Total Depth 4710 PBDT _____
Amount of Surface Pipe Set and Cemented at 402 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
9-4-97 9-14-97 9-14-97
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan PFA, 9-25-98 U.C.
(Data must be collected from the Reserve Pit)
Chloride content 4000 ppm Fluid volume 4000 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: see 05 2000
Operator Name _____
Lease Name NOV 17 FROM CONFIDENTIAL License No. _____
Quarter CONFIDENTIAL Sec. CONFIDENTIAL Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature _____
Title Division Oper Mgr. Date 11/13/97
Subscribed and sworn to before me this 13 day of NOV 19 97.
Notary Public Jack O'Leary
Date Commission Expires 12-18-2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep MGA
 KGS Plug Other
(Specify)

Operator Name Slawson Exploration Co., Inc. Lease Name STOECKER X Well # 1
 Sec. 24 Twp. 12 Rge. 33 East West
 County Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: DIL-SP-GR, CNL-CDL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>4010</td> <td>-924</td> </tr> <tr> <td>Lansing</td> <td>4048</td> <td>-962</td> </tr> <tr> <td>B/Kansas City</td> <td>4352</td> <td>-1266</td> </tr> <tr> <td>Upper Cherokee</td> <td>4526</td> <td>-1440</td> </tr> <tr> <td>Lower Cherokee</td> <td>4558</td> <td>-1472</td> </tr> <tr> <td>Top of Miss</td> <td>4646</td> <td>-1560</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	4010	-924	Lansing	4048	-962	B/Kansas City	4352	-1266	Upper Cherokee	4526	-1440	Lower Cherokee	4558	-1472	Top of Miss	4646	-1560
Name	Top	Datum																				
Heebner	4010	-924																				
Lansing	4048	-962																				
B/Kansas City	4352	-1266																				
Upper Cherokee	4526	-1440																				
Lower Cherokee	4558	-1472																				
Top of Miss	4646	-1560																				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surf	12 1/4	8-5/8	23#/402	402	60/40 Poz	235	3% CC, 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	Top Bottom			
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	N-A			

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

ALLIED CEMENTING CO., INC.

9431

Federal Tax I.D.#

SERVICE POINT: R

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL CONFIDENTIAL

DATE <u>9/14/97</u>	SEC <u>24</u>	TWP <u>12S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30pm</u>	JOB FINISH <u>4:30pm</u>
LEASD <u>Stoerger</u>	WELL # <u>X-1</u>	LOCATION <u>Oakley 9S5W/N4E</u>			COUNTY <u>Logan</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Murphy Dely R/B

TYPE OF JOB Plug

HOLE SIZE 7 7/8 T.D. 4710

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 0.5 2000

OWNER _____

CEMENT AMOUNT ORDERED 200 60 6% gel

3/4 lb 3000

COMMON	<u>120</u>	@	<u>7.56</u>	<u>906.00</u>
POZMIX	<u>80</u>	@	<u>3.25</u>	<u>260.00</u>
GEL	<u>10</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>3000</u>	<u>50</u>	@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>210.00</u>
MILEAGE	<u>44/50/1 mile</u>			<u>128.00</u>
TOTAL				<u>1656.50</u>

EQUIPMENT FROM CONFIDENTIAL

177 PUMP TRUCK CEMENTER Dave

_____ HELPER Alan

BULK TRUCK DRIVER _____

_____ DRIVER Jason

NOV 17 1997

NOV 17

CONFIDENTIAL

REMARKS:

25 sk @ 2600

100 @ 1530

40 @ 455

10 @ 40 uk plug

15 Rothals

10 mouse hole

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 470.00

EXTRA FOOTAGE @ _____

MILEAGE 16 @ 2.85 45.60

PLUG Dry Hole 6.8 @ 23.00

TOTAL 538.60

CHARGE TO: Stans on Exploration

STREET 200 N. Highway # 1412

CITY Wendell STATE OR ZIP 97132

FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Louis McR...

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME

15-109-20655-00-00 ALLIED CEMENTING CO., INC.

8533

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

ORIGINAL

DATE: <u>9-4-97</u>	SEC. <u>24</u>	TWP. <u>12S</u>	RANGE <u>37W</u>	CALLED OUT	ON LOCATION <u>2:50 PM</u>	JOB START <u>5:15 PM</u>	JOB FINISH <u>5:45 PM</u>
SIDECKER "X" LEASE		WELL # <u>1</u>	LOCATION <u>OAKLEY 9S-5W-34W-4E</u>		COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>M. STEIN ARLO RIG #5</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4</u> T.D. <u>402'</u>	CEMENT
CASING SIZE <u>8 1/2</u> DEPTH <u>402'</u>	AMOUNT ORDERED <u>235 SKS 60/100 per 3900 2966</u>
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <u>141 SKS @ 7.55 1064.55</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <u>94 SKS @ 3.25 305.50</u>
CEMENT LEFT IN CSG. <u>15'</u> <u>RELEASED</u>	GEL <u>4 SKS @ 9.50 38.00</u>
PERFS. _____	CHLORIDE <u>8 SKS @ 28.00 224.00</u>
DISPLACEMENT <u>22 1/2 002</u> <u>NOV 0 6-2000</u>	

EQUIPMENT

FROM CONFIDENTIAL

PUMP TRUCK # <u>191</u>	CEMENTER <u>TERRY</u>	HELPER <u>WAYNE</u>	DRIVER <u>LOUIE</u>	HANDLING <u>235 SKS @ 1.05 246.75</u>	MILEAGE <u>44 1/2 SKS/mile 141.00</u>
BULK TRUCK # <u>315</u>	DRIVER <u>LOUIE</u>				
BULK TRUCK # _____	DRIVER _____				
				TOTAL <u>2,011.55</u>	

REMARKS:

SERVICE

<p>CEMENT <u>USED</u> <u>CARGO</u> ✓</p> <p style="text-align: right;"><u>THANK YOU</u></p>	<p>DEPTH OF JOB <u>402</u></p> <p>PUMP TRUCK CHARGE _____</p> <p>EXTRA FOOTAGE <u>102'</u> @ <u>4.34 442.68</u></p> <p>MILEAGE <u>15 miles</u> @ <u>2.82 42.30</u></p> <p>PLUG <u>8 SKS SURFACE</u> @ _____ <u>45</u></p>
---	---

TOTAL 601.61

CHARGE TO: SLAWSON EPL CO.
 STREET 200 N. Mainway 1E 112
 CITY Overland Park STATE Kan ZIP 66202

FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE: Louie McR...

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME

CONFIDENTIAL

WELL NAME:
COMPANY:
LOCATION:
DATE:

Stoecker "X" #1
Slawson Exploration Company Inc.
24-12S-33W
Logan County Kansas
09/16/97

15-109-20655-00-00

RELEASED

NOV

NOV 17

NOV 05 2000

CONFIDENTIAL

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Slawson Explor.Co.Inc.
 WELL NAME: Stoecker "X" #1
 LOCATION : 24-12S-33W Logan KS.
 INTERVAL : 4190.00 To 4253.00 ft

DATE 9-10-97
 KB 3084.00 ft TICKET NO: 10333 DST #1
 GR 3079.00 ft FORMATION: Lans/KC 140 & 160
 TD 4253.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 0 Rec.	13339		2346			PF Fr. to hr
SI 0 Range(Psi)	4025.0	0.0	4995.0	0.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)	12 HR		Elec			SF Fr. to hr
FS 0 Depth(ft)	4248.0	0.0	4195.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	1020.0	0.0	1002.0	0.0	0.0	T STARTED 0215 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0420 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0430 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0600 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	1020.0	0.0	1000.0	0.0	0.0	
Inside/Outside	0		I			

TOOL DATA-----

Tool Wt.	1800.00 lbs
Wt Set On Packer	0.00 lbs
Wt Pulled Loose	0.00 lbs
Initial Str Wt	0.00 lbs
Unseated Str Wt	0.00 lbs
Bot Choke	0.75 in
Hole Size	8.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	474.00 ft
D.P. Length	3706.00 ft

RECOVERY

Tot Fluid 65.00 ft of 65.00 ft in DC and 0.00 ft in DP
 65.00 ft of Drilling Mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	46.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop N	

BLOW DESCRIPTION

Hit bridge @ 2190 tried to work tool through - wouldn't go TOH w/Tool

RELEASED

MAY 06 2000

FROM CONFIDENTIAL

Amt. of fill	0.00 ft
Btm. H. Temp.	95.00 F
Hole Condition	Bridged Off
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Rod Steinbrink
Co. Rep.	Rich Robba
Contr.	Murfin
Rig #	8
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: N

15-109-20655-00-00

*** TOOL DIAGRAM *** CONV

WELL NAME: Stoecker "X" #1
 LOCATION : 24-12S-33W Logan KS.
 TICKET No. 10333 D.S.T. No. 1 DATE 9-10-97
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 20
 INTERVAL TOOL 31
 BOTTOM PACKERS AND ANCHOR
 TOTAL TOOL 51
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands Single 1 Total 32
 TOTAL ASSEMBLY 83
 D.C. ABOVE TOOLS.Stands8 Single Total 462
 D.P. ABOVE TOOLS.Stands59 Single Total 3721
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4266
 TOTAL DEPTH 4253
 TOTAL DRILL PIPE ABOVE K.B. 13

REMARKS:

P.O. SUB 1' Above 120' DC	4050
C.O. SUB 1'	4170
S.I. TOOL 5'	4176
HMV 5'	4181
JARS N/A	
SAFETY JOINT N/A	
PACKER 4'	4185
PACKER 5'	4190
DEPTH STUBB 1'	4191
ANCHOR	
ALP. Rec. @	4195
23' Perf	4214
1' CO Sub	4215
32' DP	4247
1' CO Sub	4248
T.C. DEPTH	
AK-1 Rec. @	4248
BULLNOSE 5'	
T.D.	4253

TEST HISTORY

10333 DST #1 Stoecker "X" #1 Slawson Explor. Co. Inc.

Flag Points

	t (Min.)	P (PSig)
R:	0.00	1002.49
B:	0.00	1000.34
Q:	0.00	1000.34

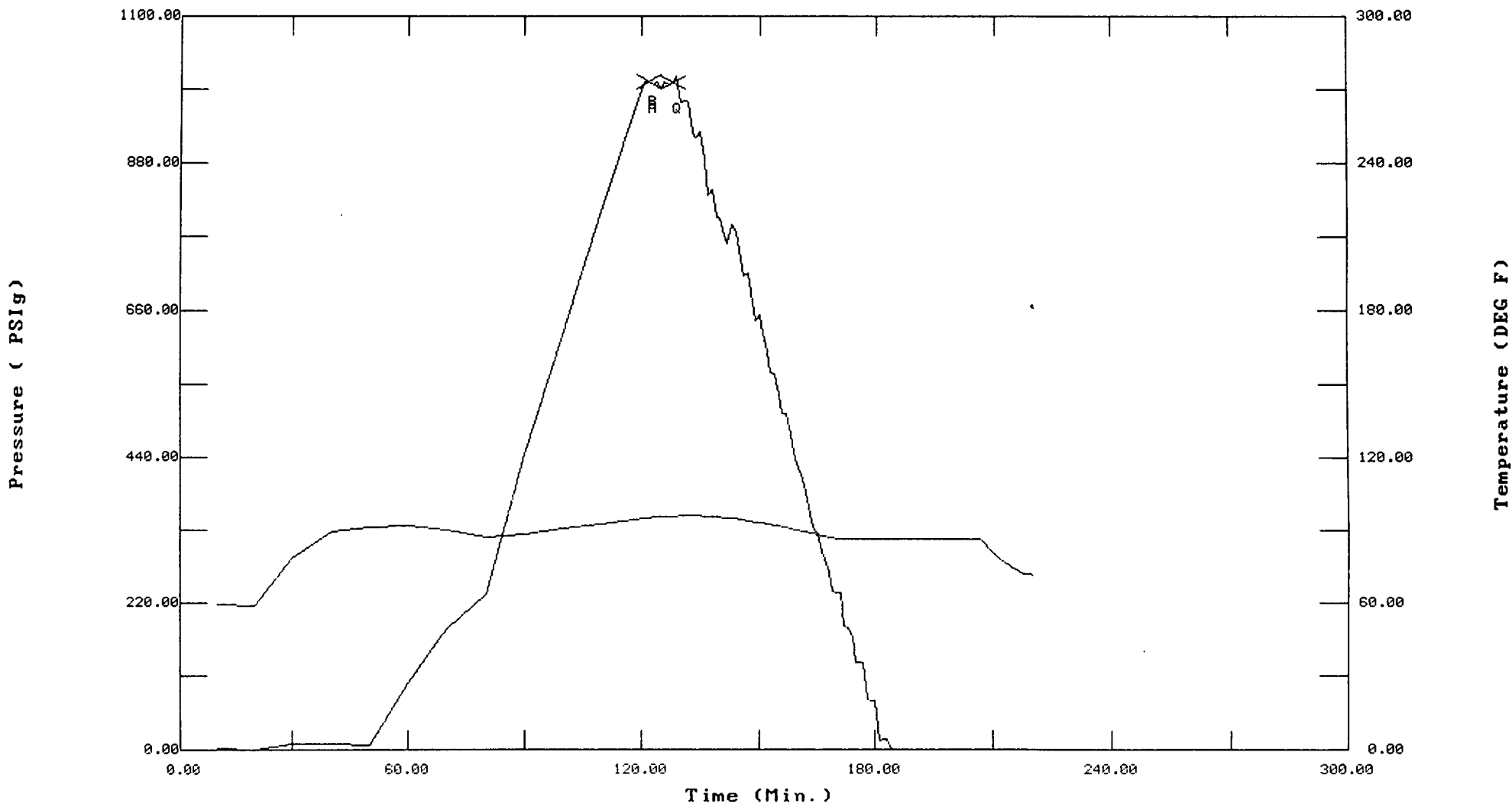
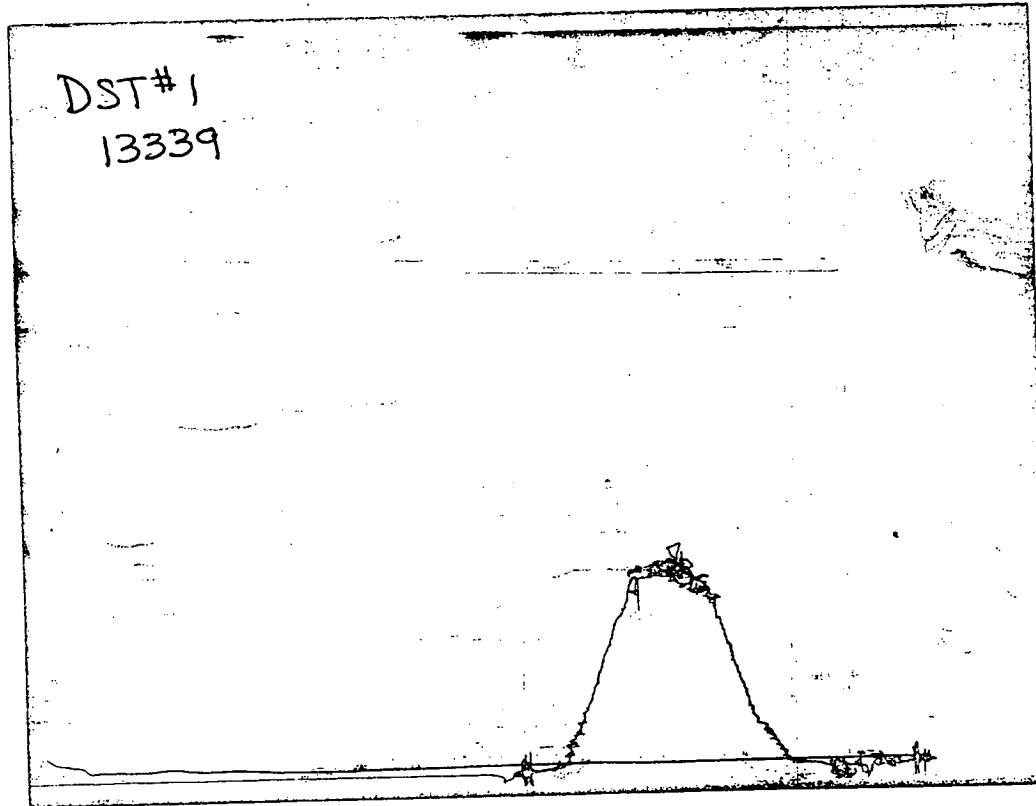


CHART PAGE



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

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 10333

Well Name & No.	<u>Stoecker 'X' #1</u>	Test No.	<u>1</u>	Date	<u>9.10.97</u>
Company	<u>Stawson Exploration Company, Inc.</u>	Zone Tested	<u>Lans/KC</u>	<u>140 & 160</u>	
Address	<u>200 N Harvey Ste 1402</u>	<u>OKla. City Ok. 73102</u>	Elevation	<u>3084</u>	<u>KB 3079</u> <u>GL</u>
Co. Rep / Geo.	<u>Rich Robba</u>	Cont.	<u>Murfin #8</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>24</u>	Twp.	<u>12^S</u>	Rge.	<u>33^W</u> Co. <u>Logan</u> State <u>KS.</u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>4190 - 4253</u>	Initial Str Wt./Lbs.	<u> </u>	Unseated Str Wt./Lbs.	<u> </u>
Anchor Length	<u>63'</u>	Wt. Set Lbs.	<u> </u>	Wt. Pulled Loose/Lbs.	<u> </u>
Top Packer Depth	<u>4185</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>4190</u>	Hole Size — 7 7/8"	<u> </u>	Rubber Size — 6 3/4"	<u> </u>
Total Depth	<u>4253</u>	Wt. Pipe Run	<u> </u>	Drill Collar Run	<u>474'</u>
Mud Wt. <u>9.0</u> LCM <u> </u> Vis. <u>46</u> WL <u>9.6</u>		Drill Pipe Size	<u>4 1/2" XH</u>	Ft. Run	<u>3706'</u>
Blow Description	<u>Hit bridge @ 2190 tried to work through - wouldn't go TOH w/Tool</u>				

Recovery — Total Feet	<u>65'</u>	GIP	<u> </u>	Ft. in DC	<u>65'</u>	Ft. in DP	<u> </u>				
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u>65'</u>	Feet Of	<u>Drlg. Mud</u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
BHT	<u>95°</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u>	°API	<u> </u>		
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u>2400</u>	Chlorides	<u> </u>	ppm System	<u> </u>
(A) Initial Hydrostatic Mud	<u>1020</u>	<u>1002</u>	PSI	Recorder No.	<u>2346</u>	T-Started	<u>0215</u>				
(B) First Initial Flow Pressure	<u> </u>	<u> </u>	PSI	(depth)	<u>4195</u>	T-Open	<u>0420</u>				
(C) First Final Flow Pressure	<u> </u>	<u> </u>	PSI	Recorder No.	<u>13339</u>	T-Pulled	<u>0430</u>				
(D) Initial Shut-in Pressure	<u> </u>	<u> </u>	PSI	(depth)	<u>4248</u>	T-Out	<u>0600</u>				
(E) Second Initial Flow Pressure	<u> </u>	<u> </u>	PSI	Recorder No.	<u> </u>						
(F) Second Final Flow Pressure	<u> </u>	<u> </u>	PSI	(depth)	<u> </u>						
(G) Final Shut-in Pressure	<u> </u>	<u> </u>	PSI	Initial Opening	<u> </u>	Test	<u>800</u>				
(H) Final Hydrostatic Mud	<u>1020</u>	<u>1000</u>	PSI	Initial Shut-in	<u> </u>	Jars	<u> </u>				

AK-1 ALP

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 Richard A. Robba
Our Representative Rod Steinbrink

Final Flow Safety Joint
Final Shut-in Straddle
 Circ. Sub X N/C
 Sampler
Extra Packer
Elect. Rec. X 150
Other
TOTAL PRICE \$ 850

TRILOBITE TESTING L.L.C.

OPERATOR : Slawson Explor.Co.Inc.
 WELL NAME: Stoecker 'X' #1
 LOCATION : 24-12S-33W Logan KS.
 INTERVAL : 4190.00 To 4253.00 ft

DATE 9-10-97
 KB 3084.00 ft TICKET NO: 10334 DST #2
 GR 3079.00 ft FORMATION: Lans/KC 140 & 160
 TD 4253.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2346			PF Fr. 1655 to 1725 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1725 to 1810 hr
SF 45 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 1810 to 1855 hr
FS 90 Depth(ft)	4248.0	4248.0	4195.0	0.0	0.0	FS Fr. 1855 to 2025 hr

	Field	1	2	3	4	
A. Init Hydro	2093.0	2148.0	2054.0	0.0	0.0	T STARTED 1445 hr
B. First Flow	93.0	146.0	52.0	0.0	0.0	T ON BOTM 1653 hr
B1. Final Flow	270.0	323.0	295.0	0.0	0.0	T OPEN 1655 hr
C. In Shut-in	1251.0	1310.0	1275.0	0.0	0.0	T PULLED 2025 hr
D. Init Flow	332.0	414.0	299.0	0.0	0.0	T OUT 2345 hr
E. Final Flow	467.0	525.0	481.0	0.0	0.0	
F. Fl Shut-in	1230.0	1295.0	1268.0	0.0	0.0	
G. Final Hydro	2043.0	2097.0	1996.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	1800.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	85000.00 lbs
Initial Str Wt	78000.00 lbs
Unseated Str Wt	80000.00 lbs
Bot Choke	0.75 in
Hole Size	8.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	462.00 ft
D.P. Length	3721.00 ft

RECOVERY

Tot Fluid 1002.00 ft of 462.00 ft in DC and 540.00 ft in DP
 60.00 ft of Gassy Slight Oil Water Cut Mud
 0.00 ft of 10%gas 10%oil 15%water 65%mud
 120.00 ft of Gassy Oil Stained Heavy Water Cut Mud
 0.00 ft of 25%gas 5%oil 30%water 40%mud
 120.00 ft of Gassy Heavy Mud Cut Water
 0.00 ft of 10%gas 40%mud 50%water trace oil
 702.00 ft of Mud Cut Water 10%mud 90%water trace oil
 0.00 ft of RW .28 @ 70 deg.=
 SALINITY 25000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	46.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:
 Fair to good blow off bottom in 9 mins

Initial Shut In:
 Bled off blow - no return

Final Flow:
 Fair to good blow off bottom in 11 min

Final Shut In:
 Bled off blow - No return

Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	Fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Rod Steinbrink
Co. Rep.	Rich Robba
Contr.	Murfin
Rig #	8
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: Y

15-109-20655-00-00

*** TOOL DIAGRAM *** CONV

WELL NAME: Stoecker 'X' #1

LOCATION : 24-12S-33W Logan KS.

TICKET No. 10334 D.S.T. No. 2 DATE 9-10-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL 31

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 51

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STANDS Single Total

D.P. ANCHOR STANDS Single 1 Total 32

TOTAL ASSEMBLY 83

D.C. ABOVE TOOLS STANDS 8 Single Total 462

D.P. ABOVE TOOLS STANDS 59 Single Total 3721

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4266

TOTAL DEPTH 4253

TOTAL DRILL PIPE ABOVE K.B. 13

REMARKS:

P.O. SUB 1' Above 120' DC	4050
C.O. SUB 1'	4170
S.I. TOOL 5'	4176
HMV 5'	4181
JARS N/A	
SAFETY JOINT N/A	
PACKER 4'	4185
PACKER 5'	4190
DEPTH STUBB 1'	4191
ANCHOR	
Alpine Rec. @	4195
23' Perf.	4214
1' CO Sub	4215
32' DP	4247
1' CO Sub	4248
T.C. DEPTH	
AK-1 Rec. @	4248
BULLNOSE 5'	
T.D.	4253

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10334 DST #2 Stoecker "X" #1 Slawson Explor.Co.

DATE: 09/10/97

TIME: 14:46:00

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	129.00	2053.7	0.0	103.15		
***** Start Flow 1	0.00	52.2	0.0	103.24		
	1.00	73.0	20.8	103.33		
	2.00	83.4	31.2	103.44		
	3.00	96.4	44.2	103.63		
	4.00	110.1	57.9	103.91		
	5.00	121.7	69.5	104.26		
	6.00	137.2	85.0	104.56		
	7.00	146.8	94.6	104.83		
	8.00	158.7	106.5	105.13		
	9.00	170.4	118.2	105.44		
	10.00	182.6	130.4	105.74		
	11.00	193.9	141.7	106.01		
	12.00	203.7	151.5	106.27		
	13.00	213.6	161.4	106.53		
	14.00	223.6	171.4	106.79		
	15.00	233.3	181.1	107.06		
	16.00	243.0	190.8	107.34		
	17.00	247.0	194.8	107.62		
	18.00	250.1	197.9	107.91		
	19.00	253.3	201.1	108.23		
	20.00	256.9	204.7	108.55		
	21.00	259.9	207.7	108.88		
	22.00	263.0	210.8	109.22		
	23.00	266.4	214.2	109.56		
	24.00	268.9	216.7	109.90		
	25.00	272.3	220.1	110.25		
	26.00	276.6	224.4	110.59		
	27.00	280.3	228.1	110.94		
	28.00	283.9	231.7	111.28		
	29.00	287.9	235.7	111.61		
	30.00	291.7	239.5	111.95		
***** End Flow 1	31.00	295.2	243.1	112.27		
***** Start Shutin 1	0.00	295.2	0.0	112.27	0.0000	0.087
	1.00	979.9	684.7	112.56	32.0000	0.960
	2.00	1052.2	757.0	112.91	16.5000	1.107
	3.00	1088.0	792.7	113.19	11.3333	1.184
	4.00	1113.7	818.4	113.41	8.7500	1.240
	5.00	1132.9	837.7	113.60	7.2000	1.284
	6.00	1148.3	853.1	113.74	6.1667	1.319
	7.00	1160.8	865.6	113.84	5.4286	1.348
	8.00	1171.5	876.3	113.93	4.8750	1.372
	9.00	1180.7	885.4	113.99	4.4444	1.394
	10.00	1188.5	893.3	114.04	4.1000	1.413
	11.00	1195.6	900.4	114.07	3.8182	1.430
	12.00	1201.8	906.6	114.09	3.5833	1.444
	13.00	1207.4	912.2	114.11	3.3846	1.458
	14.00	1212.5	917.2	114.11	3.2143	1.470
	15.00	1217.0	921.8	114.11	3.0667	1.481
	16.00	1221.2	926.0	114.11	2.9375	1.491
	17.00	1225.1	929.9	114.10	2.8235	1.501

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10334 DST #2 Stoecker "X" #1 Slawson Explor.Co.
 DATE: 09/10/97 TIME: 14:46:00

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	18.00	1228.6	933.3	114.08	2.7222	1.509
	19.00	1231.9	936.7	114.07	2.6316	1.518
	20.00	1234.9	939.6	114.04	2.5500	1.525
	21.00	1237.7	942.4	114.02	2.4762	1.532
	22.00	1240.3	945.1	114.01	2.4091	1.538
	23.00	1242.9	947.6	113.99	2.3478	1.545
	24.00	1245.1	949.9	113.94	2.2917	1.550
	25.00	1247.3	952.0	113.92	2.2400	1.556
	26.00	1249.3	954.1	113.89	2.1923	1.561
	27.00	1251.2	956.0	113.85	2.1481	1.566
	28.00	1253.0	957.8	113.83	2.1071	1.570
	29.00	1254.7	959.4	113.80	2.0690	1.574
	30.00	1256.4	961.1	113.81	2.0333	1.579
	31.00	1257.9	962.6	113.74	2.0000	1.582
	32.00	1259.4	964.1	113.72	1.9688	1.586
	33.00	1260.8	965.5	113.69	1.9394	1.590
	34.00	1262.1	966.9	113.66	1.9118	1.593
	35.00	1263.4	968.1	113.64	1.8857	1.596
	36.00	1264.6	969.4	113.62	1.8611	1.599
	37.00	1265.7	970.4	113.58	1.8378	1.602
	38.00	1266.8	971.6	113.57	1.8158	1.605
	39.00	1267.9	972.7	113.55	1.7949	1.608
	40.00	1268.9	973.7	113.52	1.7750	1.610
	41.00	1270.0	974.8	113.50	1.7561	1.613
	42.00	1270.9	975.7	113.48	1.7381	1.615
	43.00	1271.9	976.6	113.45	1.7209	1.618
	44.00	1272.7	977.4	113.44	1.7045	1.620
	45.00	1273.5	978.3	113.42	1.6889	1.622
	46.00	1274.3	979.1	113.43	1.6739	1.624
***** End Shut-in 1	47.00	1275.1	979.8	113.39	1.6596	1.626
***** Start Flow 2	0.00	299.1	0.0	113.36		
	1.00	303.5	4.4	113.32		
	2.00	307.6	8.6	113.30		
	3.00	311.8	12.8	113.30		
	4.00	316.0	16.9	113.32		
	5.00	319.9	20.9	113.38		
	6.00	323.9	24.8	113.47		
	7.00	328.1	29.0	113.56		
	8.00	332.1	33.0	113.66		
	9.00	335.9	36.8	113.78		
	10.00	339.9	40.9	113.92		
	11.00	343.6	44.5	114.07		
	12.00	347.4	48.3	114.24		
	13.00	350.9	51.9	114.40		
	14.00	354.8	55.7	114.59		
	15.00	358.4	59.3	114.76		
	16.00	362.1	63.0	114.94		
	17.00	365.9	66.8	115.11		
	18.00	369.4	70.3	115.27		
	19.00	372.9	73.8	115.44		
	20.00	376.4	77.3	115.60		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10334 DST #2 Stoecker "X" #1 Slawson Explor.Co.

DATE: 09/10/97

TIME: 14:46:00

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
21.00	380.3	81.2	115.76		
22.00	383.8	84.8	115.92		
23.00	387.2	88.1	116.08		
24.00	390.5	91.5	116.22		
25.00	394.2	95.1	116.37		
26.00	397.5	98.4	116.51		
27.00	400.7	101.7	116.65		
28.00	404.0	104.9	116.78		
29.00	407.5	108.4	116.91		
30.00	410.8	111.7	117.03		
31.00	414.0	114.9	117.13		
32.00	417.1	118.0	117.25		
33.00	420.5	121.4	117.35		
34.00	423.7	124.6	117.45		
35.00	426.7	127.7	117.55		
36.00	429.8	130.8	117.64		
37.00	432.8	133.8	117.72		
38.00	436.2	137.1	117.80		
39.00	439.2	140.1	117.87		
40.00	442.2	143.2	117.96		
41.00	445.1	146.0	118.03		
42.00	448.2	149.1	118.08		
43.00	451.4	152.3	118.16		
44.00	454.4	155.4	118.23		
45.00	457.2	158.1	118.28		
46.00	460.2	161.1	118.35		
47.00	463.5	164.4	118.41		
48.00	466.4	167.3	118.41		
49.00	469.3	170.2	118.45		
50.00	472.1	173.1	118.53		
51.00	475.1	176.0	118.57		
52.00	478.2	179.1	118.61		
53.00	481.1	182.1	118.66		
***** End Flow 2					
***** Start Shutin 2	0.00	481.1	0.0	118.66	0.0000 0.231
	1.00	980.9	499.8	118.71	85.0000 0.962
	2.00	1046.9	565.8	118.75	43.0000 1.096
	3.00	1079.1	598.0	118.80	29.0000 1.164
	4.00	1100.5	619.4	118.84	22.0000 1.211
	5.00	1116.9	635.8	118.80	17.8000 1.248
	6.00	1130.0	648.8	118.89	15.0000 1.277
	7.00	1140.8	659.6	118.90	13.0000 1.301
	8.00	1149.8	668.6	118.89	11.5000 1.322
	9.00	1157.8	676.6	118.89	10.3333 1.340
	10.00	1164.7	683.6	118.88	9.4000 1.357
	11.00	1171.0	689.9	118.86	8.6364 1.371
	12.00	1176.4	695.3	118.84	8.0000 1.384
	13.00	1181.5	700.4	118.82	7.4615 1.396
	14.00	1186.1	704.9	118.78	7.0000 1.407
	15.00	1190.2	709.1	118.76	6.6000 1.417
	16.00	1194.1	713.0	118.72	6.2500 1.426
	17.00	1197.7	716.5	118.68	5.9412 1.434

15-109-20655-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10334 DST #2 Stoecker "X" #1 Slawson Explor.Co.

DATE: 09/10/97

TIME: 14:46:00

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
18.00	1200.9	719.8	118.64	5.6667	1.442
19.00	1204.0	722.8	118.61	5.4211	1.450
20.00	1206.9	725.7	118.62	5.2000	1.457
21.00	1209.5	728.4	118.53	5.0000	1.463
22.00	1212.1	730.9	118.48	4.8182	1.469
23.00	1214.4	733.3	118.42	4.6522	1.475
24.00	1216.7	735.6	118.42	4.5000	1.480
25.00	1218.8	737.7	118.39	4.3600	1.485
26.00	1220.9	739.7	118.34	4.2308	1.491
27.00	1222.8	741.6	118.30	4.1111	1.495
28.00	1224.6	743.5	118.25	4.0000	1.500
29.00	1226.2	745.1	118.21	3.8966	1.504
30.00	1228.0	746.8	118.17	3.8000	1.508
31.00	1229.5	748.3	118.14	3.7097	1.512
32.00	1231.1	749.9	118.10	3.6250	1.516
33.00	1232.5	751.4	118.06	3.5455	1.519
34.00	1233.9	752.7	118.02	3.4706	1.522
35.00	1235.2	754.0	117.97	3.4000	1.526
36.00	1236.5	755.3	117.94	3.3333	1.529
37.00	1237.7	756.6	117.89	3.2703	1.532
38.00	1238.9	757.8	117.85	3.2105	1.535
39.00	1240.1	759.0	117.83	3.1538	1.538
40.00	1241.3	760.1	117.82	3.1000	1.541
41.00	1242.3	761.1	117.72	3.0488	1.543
42.00	1243.3	762.1	117.74	3.0000	1.546
43.00	1244.3	763.1	117.71	2.9535	1.548
44.00	1245.2	764.1	117.68	2.9091	1.551
45.00	1246.1	765.0	117.66	2.8667	1.553
46.00	1247.1	765.9	117.64	2.8261	1.555
47.00	1247.9	766.8	117.61	2.7872	1.557
48.00	1248.8	767.6	117.59	2.7500	1.559
49.00	1249.6	768.5	117.57	2.7143	1.562
50.00	1250.4	769.3	117.54	2.6800	1.564
51.00	1251.2	770.1	117.52	2.6471	1.566
52.00	1252.0	770.9	117.51	2.6154	1.568
53.00	1252.7	771.6	117.47	2.5849	1.569
54.00	1253.4	772.3	117.45	2.5556	1.571
55.00	1254.1	773.0	117.43	2.5273	1.573
56.00	1254.8	773.6	117.41	2.5000	1.574
57.00	1255.5	774.4	117.38	2.4737	1.576
58.00	1256.1	775.0	117.36	2.4483	1.578
59.00	1256.9	775.7	117.35	2.4237	1.580
60.00	1257.4	776.3	117.31	2.4000	1.581
61.00	1258.0	776.9	117.29	2.3770	1.583
62.00	1258.5	777.4	117.28	2.3548	1.584
63.00	1259.1	778.0	117.25	2.3333	1.585
64.00	1259.8	778.6	117.25	2.3125	1.587
65.00	1260.3	779.2	117.21	2.2923	1.588
66.00	1260.8	779.7	117.17	2.2727	1.590
67.00	1261.4	780.2	117.16	2.2537	1.591
68.00	1261.9	780.7	117.15	2.2353	1.592

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10334 DST #2 Stoecker "X" #1 Slawson Explor.Co.

DATE: 09/10/97

TIME: 14:46:00

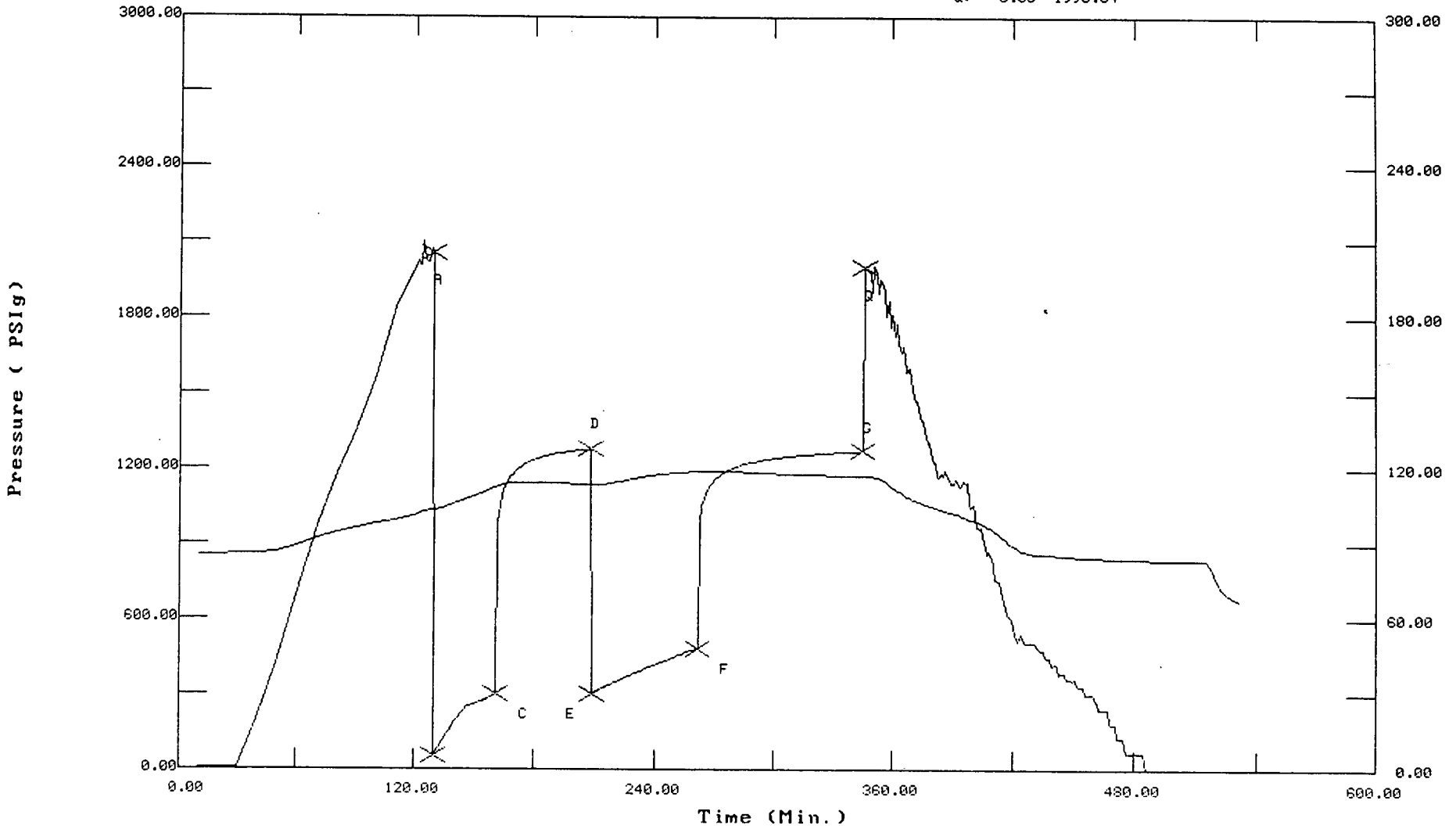
	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	69.00	1262.4	781.2	117.12	2.2174	1.594
	70.00	1262.9	781.7	117.10	2.2000	1.595
	71.00	1263.3	782.2	117.08	2.1831	1.596
	72.00	1263.8	782.7	117.06	2.1667	1.597
	73.00	1264.2	783.1	117.03	2.1507	1.598
	74.00	1264.7	783.6	117.02	2.1351	1.600
	75.00	1265.2	784.1	116.99	2.1200	1.601
	76.00	1265.6	784.5	116.98	2.1053	1.602
	77.00	1266.0	784.9	116.96	2.0909	1.603
	78.00	1266.4	785.3	116.95	2.0769	1.604
	79.00	1266.9	785.7	116.92	2.0633	1.605
	80.00	1267.3	786.1	116.91	2.0500	1.606
	81.00	1267.7	786.5	116.89	2.0370	1.607
	82.00	1268.0	786.9	116.87	2.0244	1.608
***** End Shut-in 2	83.00	1268.4	787.3	116.86	2.0120	1.609
***** Final Hydro.	346.00	1996.0	0.0	116.85		

TEST HISTORY

10334 DST #2 Stoecker "X" #1 Slawson Explor. Co.

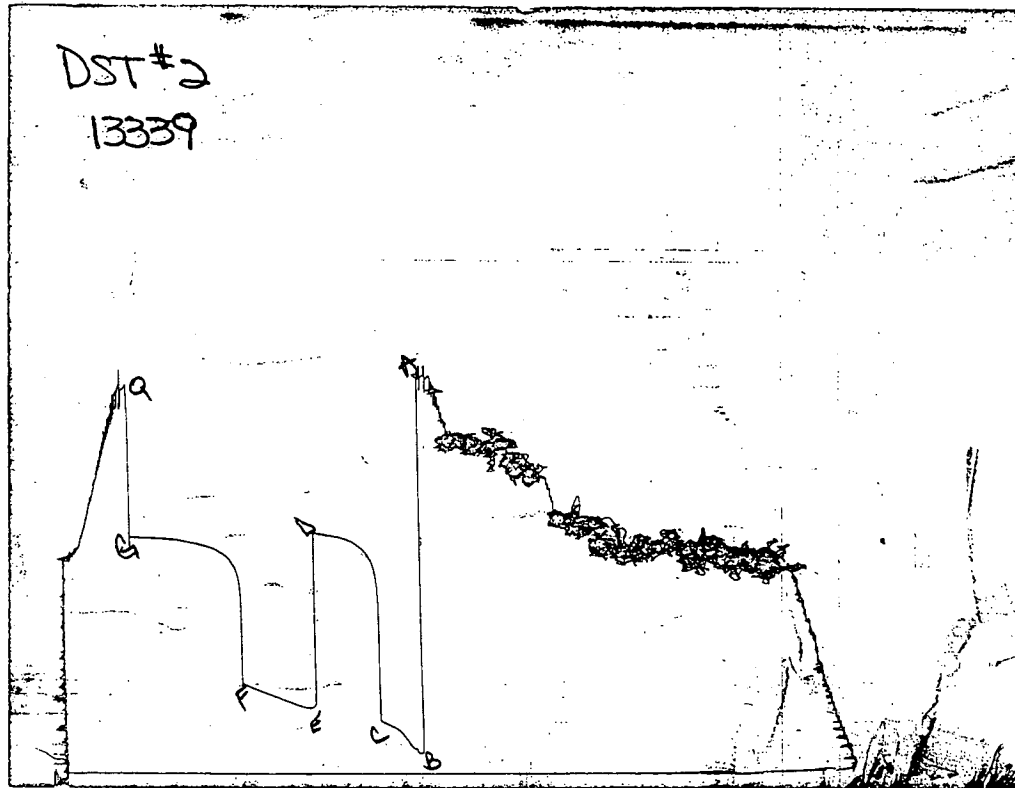
Flag Points
t(Min.) P(PSig)

A:	0.00	2053.74
B:	0.00	52.19
C:	31.00	295.25
D:	47.00	1275.08
E:	0.00	299.07
F:	53.00	481.14
G:	83.00	1268.43
Q:	0.00	1996.04



15-109-20655-00-00
 Temperature (DEG F)

CHART PAGE



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

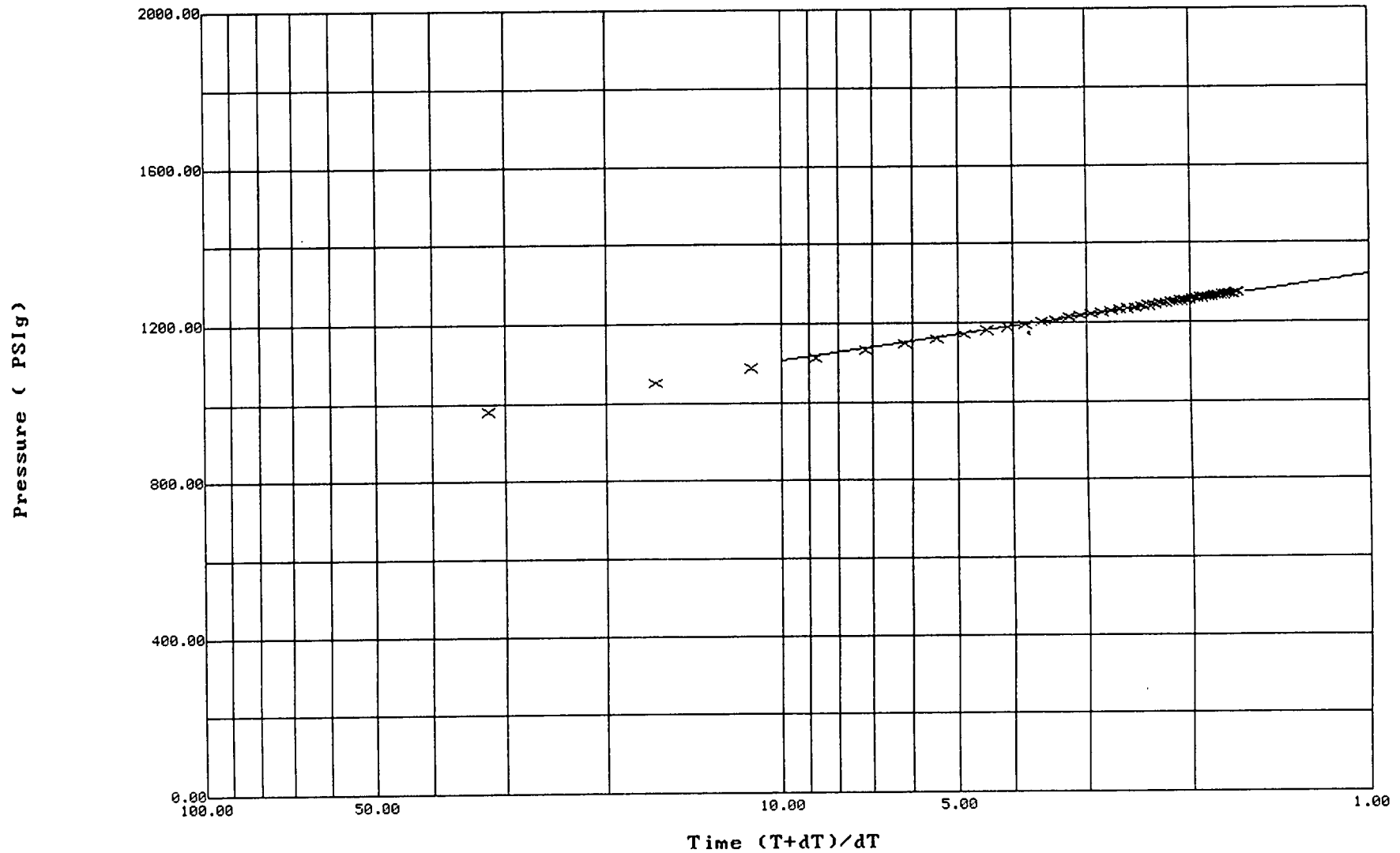
15-109-20655-00-00

Horner Plot: shut-in #1

10334 DST #2 Stoecker 'X' #1 Slawson Explor. Co.

Slope: 213.1132 PSig/cycle

Ext. Pressure: 1322.0454 PSig



Horner Plot: shut-in #2

10334 DST #2 Stoecker "X" #1 Slawson Explor. Co.

Slope: 144.9481 PSig/cycle

Ext. Pressure: 1312.4829 PSig

$P^* = 1322.0$ psig

140' + 160' zones
 $h = 6'$ (1' in 140, 5' in 160)

$$\frac{Kh}{m} = \frac{162.6 \text{ g B}}{m}$$

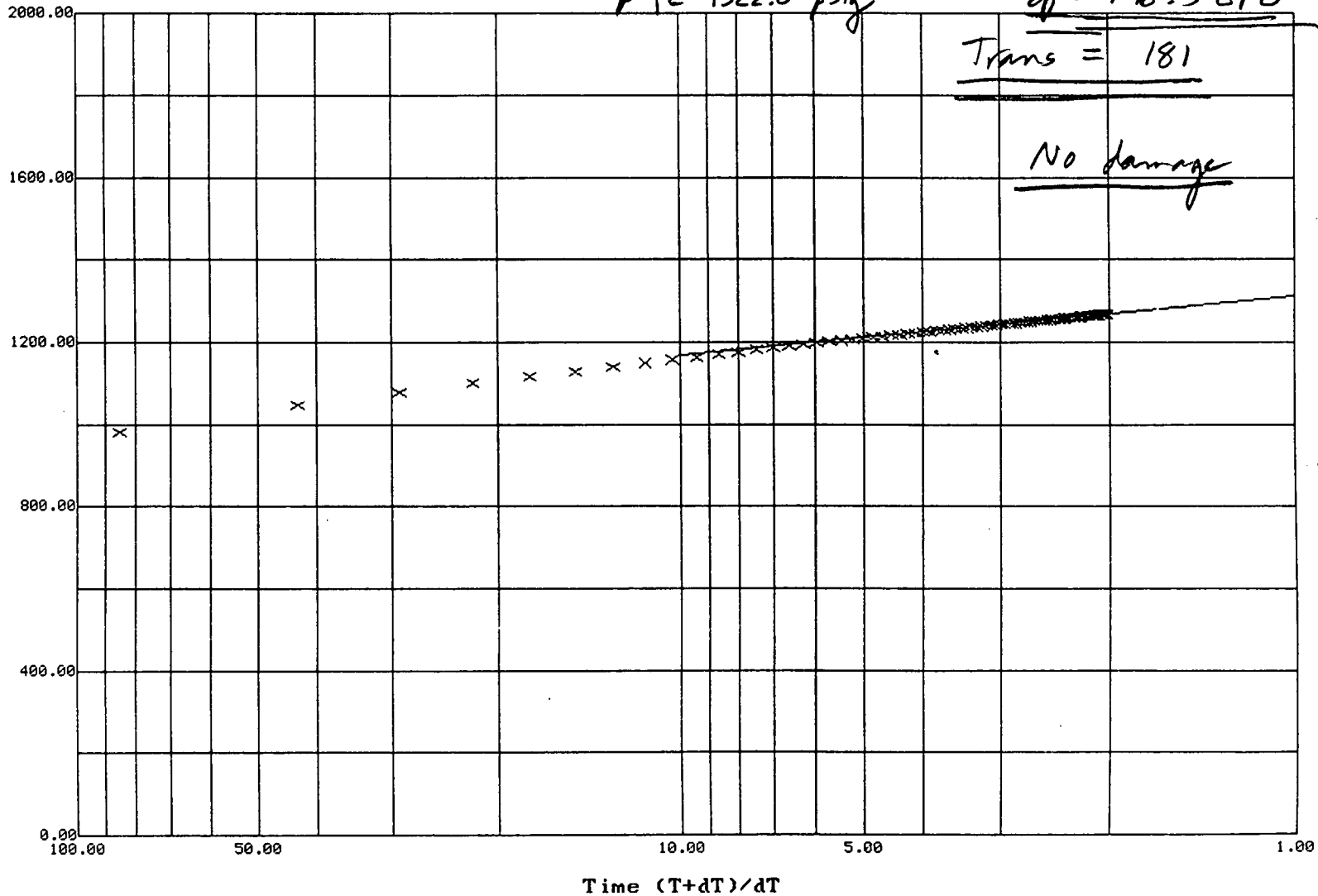
$$q = \frac{(481 - 299)}{981/1002} \times .01422 \times \frac{1440}{53}$$

$$q = 146.5 \text{ BPD}$$

$$\text{Trans} = 181$$

No damage

Pressure (PSig)



15-109-20655-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 10334

Well Name & No.	<u>Stoecker 'X' #1</u>	Test No.	<u>2</u>	Date	<u>9-10-97</u>	
Company	<u>Slawson Exploration Co. Inc.</u>	Zone Tested	<u>Lans/KC 140 ± 160</u>			
Address	<u>200 N Harvey Ste. 1412 Dk City, OK 73102</u>	Elevation	<u>3084</u>	KB	<u>3079</u>	GL
Co. Rep / Geo.	<u>Rich Robba</u>	Cont.	<u>Murfin #8</u>	Est. Ft. of Pay	<u>Por. %</u>	
Location: Sec.	<u>24</u>	Twp.	<u>12^S</u>	Rge.	<u>33^W</u>	Co. <u>Logan</u> State <u>KS.</u>
No. of Copies	Distribution Sheet (Y, N)		Turnkey (Y, N)		Evaluation (Y, N)	

Interval Tested	<u>4190 - 4253</u>	Initial Str Wt./Lbs.	<u>78,000</u>	Unseated Str Wt./Lbs.	<u>80,000</u>
Anchor Length	<u>63'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>85,000</u>
Top Packer Depth	<u>4185</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>4190</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>4253</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>462'</u>
Mud Wt. <u>9.2</u> LCM <u>—</u> Vis. <u>46</u> WL <u>8.8</u>		Drill Pipe Size	<u>4 1/2" XH</u>	Ft. Run	<u>3721'</u>
Blow Description	<u>IF: Fair to good blow off btm in 9 mins.</u>				
	<u>ISI: Bled off blow - no return.</u>				
	<u>FF: Fair to good blow off btm in 11 mins.</u>				
	<u>FSI: Bled off blow - no return.</u>				

Recovery — Total Feet	<u>1002'</u>	GIP	<u>—</u>	Ft. in DC	<u>462'</u>	Ft. in DP	<u>540'</u>
Rec.	<u>60'</u>	Feet Of	<u>GDWCM</u>	<u>10</u> %gas	<u>10</u> %oil	<u>15</u> %water	<u>65</u> %mud
Rec.	<u>120'</u>	Feet Of	<u>GSDWCM</u>	<u>25</u> %gas	<u>5</u> %oil	<u>30</u> %water	<u>40</u> %mud
Rec.	<u>120'</u>	Feet Of	<u>GMCW</u>	<u>10</u> %gas	<u>trc.</u> %oil	<u>50</u> %water	<u>40</u> %mud
Rec.	<u>702'</u>	Feet Of	<u>MCW</u>	%gas	<u>trc.</u> %oil	<u>90</u> %water	<u>10</u> %mud
Rec.		Feet Of		%gas	%oil	%water	%mud

BHT 113° °F Gravity — °API D@ — °F Corrected Gravity — °API
RW .28 @ 70° °F Chlorides 25,000 ppm Recovery Chlorides 2,500 ppm System

(A) Initial Hydrostatic Mud	<u>2093</u>	<u>2053</u>	PSI	Recorder No.	<u>2346</u>	T-Started	<u>1445</u>
(B) First Initial Flow Pressure	<u>93</u>	<u>52</u>	PSI	(depth)	<u>4195</u>	T-Open	<u>1655</u>
(C) First Final Flow Pressure	<u>270</u>	<u>295</u>	PSI	Recorder No.	<u>13339</u>	T-Pulled	<u>2025</u>
(D) Initial Shut-in Pressure	<u>1251</u>	<u>1275</u>	PSI	(depth)	<u>4248</u>	T-Out	<u>2845</u>
(E) Second Initial Flow Pressure	<u>332</u>	<u>299</u>	PSI	Recorder No.	<u>—</u>		
(F) Second Final Flow Pressure	<u>467</u>	<u>481</u>	PSI	(depth)	<u>—</u>		
(G) Final Shut-in Pressure	<u>1230</u>	<u>1268</u>	PSI	Initial Opening	<u>30</u>	Test	<u>700</u>
(H) Final Hydrostatic Mud	<u>2043</u>	<u>1996</u>	PSI	Initial Shut-in	<u>45</u>	Jars	<u>—</u>

AK-1 ALP

Final Flow 45 Safety Joint —
Final Shut-in 90 Straddle —

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 Rich Robba
Our Representative Rod Steinbrink

Circ. Sub X N/C
Sampler —
Extra Packer —
Elect. Rec. X 150
Other —
TOTAL PRICE \$ 850

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

OPERATOR : Slawson Exploration Co.
WELL NAME: Stoecker "X" #1
LOCATION : 24-12S-33w Logan KS.
INTERVAL : 4250.00 To 4280.00 ft

DATE 9-11-97
KB 3084.00 ft TICKET NO: 10335 DST #3
GR 3079.00 ft FORMATION: Lans/KC 180
TD 4280.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2346			PF Fr. 0954 to 1024 hr
SI 20 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1024 to 1044 hr
SF 20 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 1044 to 1104 hr
FS 20 Depth(ft)	4275.0	4275.0	4252.0	0.0	0.0	FS Fr. 1104 to 1124 hr

	Field	1	2	3	4	
A. Init Hydro	2123.0	2145.0	2099.0	0.0	0.0	T STARTED 0741 hr
B. First Flow	41.0	58.0	16.0	0.0	0.0	T ON BOTM 0952 hr
B1. Final Flow	41.0	58.0	24.0	0.0	0.0	T OPEN 0954 hr
C. In Shut-in	62.0	69.0	49.0	0.0	0.0	T PULLED 1124 hr
D. Init Flow	41.0	66.0	24.0	0.0	0.0	T OUT 1330 hr
E. Final Flow	41.0	67.0	26.0	0.0	0.0	
F. Fl Shut-in	52.0	67.0	46.0	0.0	0.0	
G. Final Hydro	2073.0	2068.0	2046.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	1800.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	90000.00 lbs
Initial Str Wt	78000.00 lbs
Unseated Str Wt	78000.00 lbs
Bot Choke	0.75 in
Hole Size	8.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	522.00 ft
D.P. Length	3720.00 ft

RECOVERY

Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP
 10.00 ft of Oil Cut Mud
 0.00 ft of 20%oil 80%mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak surface blow steady throughout

Initial Shut In:
No blow

Final Flow:
No return blow

Final Shut In:
No blow

SAMPLES:
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	50.00 S/L
W.L.	9.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	107.00 F
Hole Condition	Fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Rod Steinbrink
Co. Rep.	Rich Robba
Contr.	Murfin
Rig #	8
Unit #	
Pump T.	

Test Successful: Y

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10335 DST #3 Stoecker "X" #1 Slawson Explor.

DATE: 09/11/97

TIME: 07:52:02

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	122.00	2099.2	0.0	102.71		
***** Start Flow 1	0.00	16.5	0.0	102.80		
	1.00	17.0	0.5	102.93		
	2.00	16.9	0.4	103.07		
	3.00	17.5	1.1	103.19		
	4.00	17.9	1.5	103.29		
	5.00	18.3	1.8	103.37		
	6.00	18.7	2.2	103.44		
	7.00	19.1	2.6	103.49		
	8.00	19.5	3.0	103.55		
	9.00	19.9	3.5	103.59		
	10.00	20.1	3.7	103.63		
	11.00	20.6	4.1	103.65		
	12.00	20.7	4.2	103.69		
	13.00	20.8	4.4	103.72		
	14.00	21.1	4.7	103.76		
	15.00	21.3	4.8	103.79		
	16.00	21.7	5.2	103.83		
	17.00	21.9	5.4	103.85		
	18.00	22.0	5.5	103.89		
	19.00	22.2	5.7	103.91		
	20.00	22.3	5.8	103.96		
	21.00	22.3	5.8	103.99		
	22.00	22.7	6.2	104.03		
	23.00	22.9	6.4	104.07		
	24.00	23.1	6.7	104.11		
	25.00	23.5	7.0	104.15		
	26.00	23.0	6.5	104.18		
	27.00	23.7	7.2	104.23		
	28.00	24.0	7.5	104.28		
	29.00	24.1	7.6	104.32		
	30.00	23.7	7.3	104.37		
***** End Flow 1	31.00	23.7	7.2	104.42		
***** Start Shutin 1	0.00	23.7	0.0	104.42	0.0000	0.001
	1.00	24.7	1.0	104.46	32.0000	0.001
	2.00	25.8	2.2	104.52	16.5000	0.001
	3.00	27.0	3.4	104.56	11.3333	0.001
	4.00	28.3	4.7	104.60	8.7500	0.001
	5.00	29.6	6.0	104.66	7.2000	0.001
	6.00	30.9	7.2	104.71	6.1667	0.001
	7.00	32.3	8.7	104.76	5.4286	0.001
	8.00	33.5	9.9	104.80	4.8750	0.001
	9.00	34.8	11.2	104.85	4.4444	0.001
	10.00	36.1	12.5	104.90	4.1000	0.001
	11.00	37.4	13.8	104.95	3.8182	0.001
	12.00	38.9	15.3	105.00	3.5833	0.002
	13.00	40.4	16.7	105.05	3.3846	0.002
	14.00	41.7	18.0	105.11	3.2143	0.002
	15.00	43.1	19.5	105.15	3.0667	0.002
	16.00	44.6	21.0	105.21	2.9375	0.002
	17.00	46.2	22.5	105.25	2.8235	0.002

15-109-20655-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10335 DST #3 Stoecker "X" #1 Slawson Explor.

DATE: 09/11/97

TIME: 07:52:02

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	18.00	47.8	24.2	105.30	2.7222	0.002
***** End Shut-in 1	19.00	49.3	25.7	105.35	2.6316	0.002
***** Start Flow 2	0.00	23.7	0.0	105.40		
	1.00	25.7	2.0	105.45		
	2.00	26.7	3.0	105.50		
	3.00	25.8	2.0	105.54		
	4.00	26.8	3.1	105.58		
	5.00	24.7	0.9	105.63		
	6.00	25.7	1.9	105.68		
	7.00	26.5	2.8	105.73		
	8.00	26.0	2.3	105.77		
	9.00	27.0	3.3	105.82		
	10.00	25.9	2.2	105.87		
	11.00	26.0	2.2	105.91		
	12.00	27.0	3.3	105.96		
	13.00	27.7	4.0	106.00		
	14.00	27.0	3.2	106.05		
	15.00	27.6	3.9	106.09		
	16.00	27.5	3.7	106.14		
***** End Flow 2	17.00	25.6	1.9	106.18		
***** Start Shutin 2	0.00	25.6	0.0	106.18	0.0000	0.001
	1.00	26.7	1.1	106.23	49.0000	0.001
	2.00	27.6	2.0	106.27	25.0000	0.001
	3.00	28.3	2.8	106.31	17.0000	0.001
	4.00	29.1	3.6	106.35	13.0000	0.001
	5.00	30.0	4.4	106.40	10.6000	0.001
	6.00	30.8	5.2	106.44	9.0000	0.001
	7.00	31.7	6.2	106.49	7.8571	0.001
	8.00	32.6	7.0	106.52	7.0000	0.001
	9.00	33.4	7.8	106.57	6.3333	0.001
	10.00	34.3	8.7	106.61	5.8000	0.001
	11.00	35.1	9.5	106.65	5.3636	0.001
	12.00	36.1	10.5	106.70	5.0000	0.001
	13.00	37.1	11.5	106.74	4.6923	0.001
	14.00	37.9	12.3	106.78	4.4286	0.001
	15.00	38.9	13.3	106.81	4.2000	0.002
	16.00	39.7	14.1	106.86	4.0000	0.002
	17.00	40.8	15.2	106.90	3.8235	0.002
	18.00	41.7	16.1	106.93	3.6667	0.002
	19.00	42.6	17.0	106.98	3.5263	0.002
	20.00	43.5	18.0	107.02	3.4000	0.002
	21.00	44.5	19.0	107.06	3.2857	0.002
***** End Shut-in 2	22.00	45.6	20.0	107.10	3.1818	0.002
***** Final Hydro.	215.00	2045.6	0.0	107.42		

TEST HISTORY

10335 DST #3 Stoecker "X" #1 Slawson Explor.

Flag Points
t (Min.) P (PSig)

R:	0.00	2099.16
B:	0.00	16.47
C:	31.00	23.66
D:	19.00	49.33
E:	0.00	23.72
F:	17.00	25.58
G:	22.00	45.59
Q:	0.00	2045.65

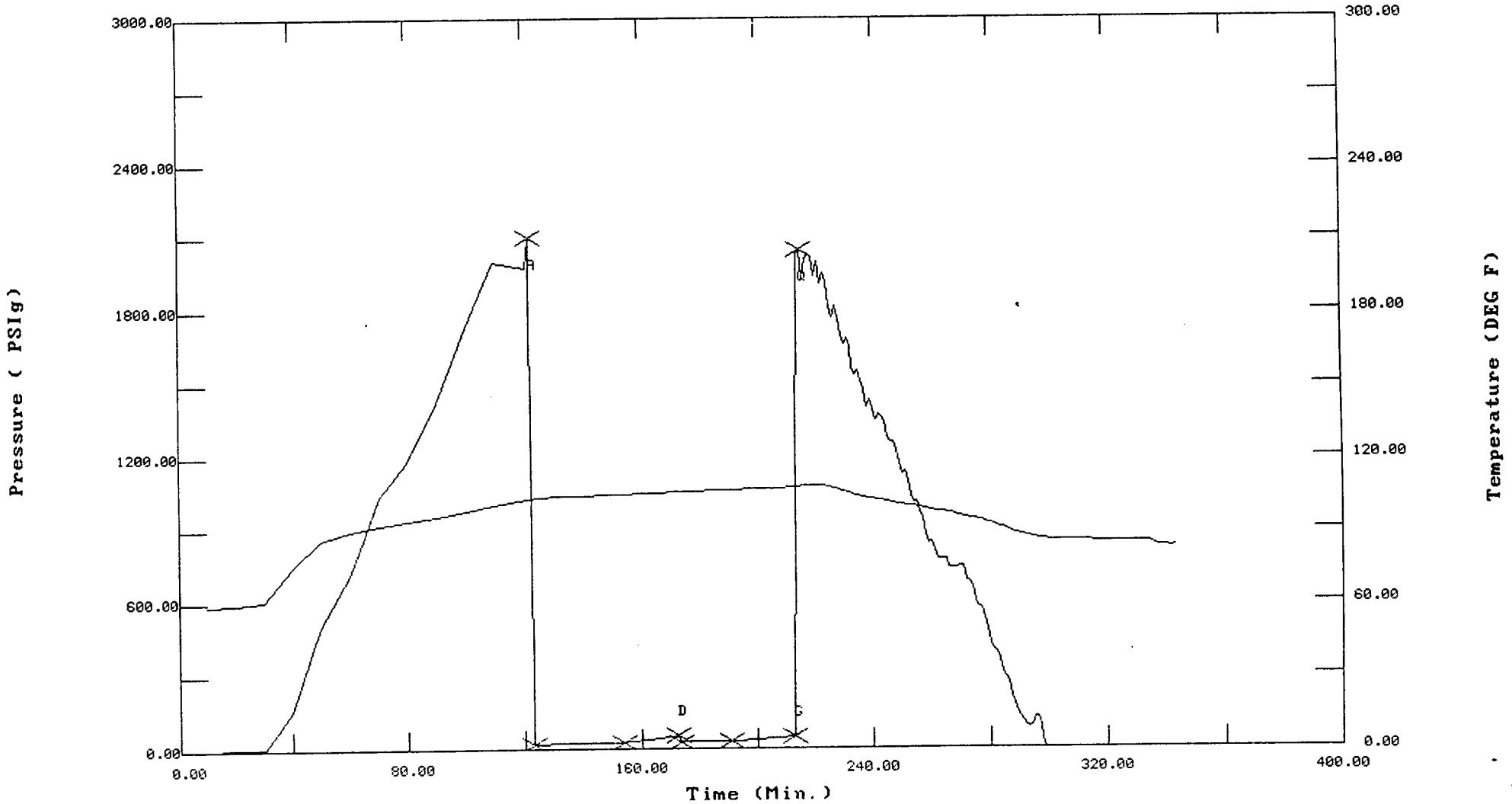
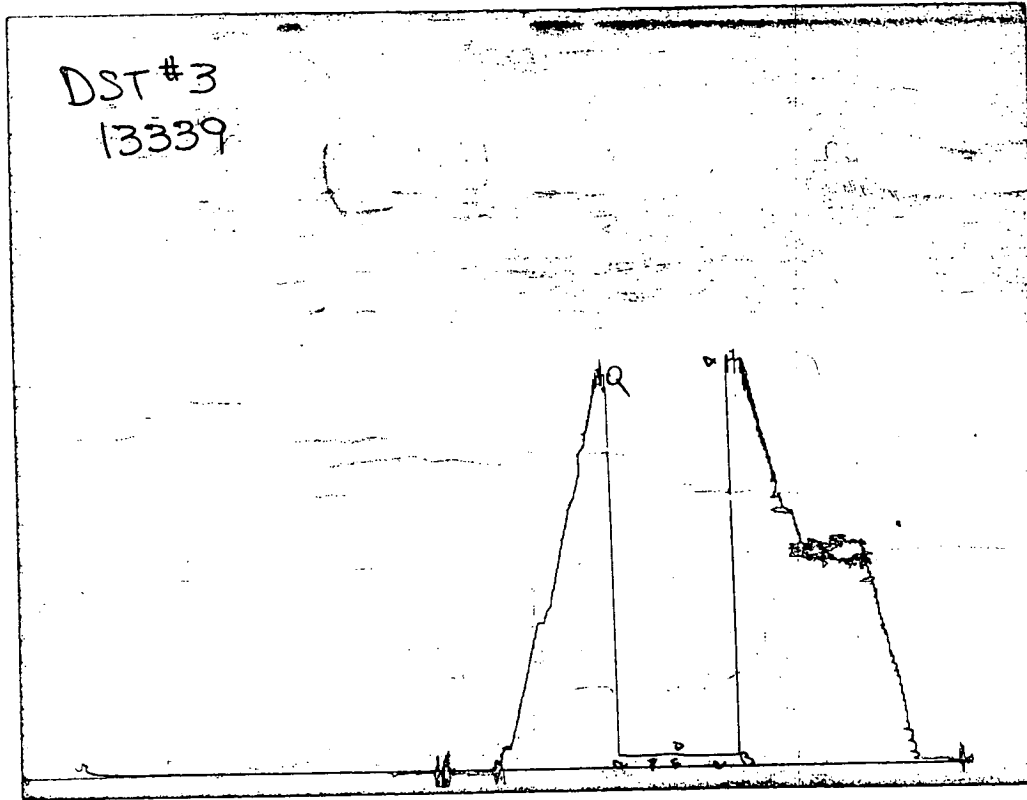


CHART PAGE



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

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 10335

Well Name & No. <u>Stoecker 'X' #1</u>	Test No. <u>3</u>	Date <u>9-11-97</u>
Company <u>Slawson Exploration Company, Inc</u>	Zone Tested <u>Lans/KC 180</u>	
Address <u>200 N Harvey Ste 1412 Wkla City OK 73102</u>	Elevation <u>3084</u>	KB <u>3079</u> GL
Co. Rep / Geo. <u>Rich Robba</u>	Cont. <u>Murfin #8</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>24</u>	Twp. <u>12^S</u>	Rge. <u>33^W</u> Co. <u>Logan</u> State <u>KS.</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4250 - 4280</u>	Initial Str Wt./Lbs. <u>78,000</u>	Unseated Str Wt./Lbs. <u>78,000</u>
Anchor Length <u>30'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>90,000</u>
Top Packer Depth <u>4245</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>4250</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4280</u>	Wt. Pipe Run _____	Drill Collar Run <u>522'</u>
Mud Wt. <u>9.4</u> LCM _____ Vis. <u>50</u> WL <u>9.0</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>3720'</u>
Blow Description <u>IF: Weak surface blow steady throughout</u>		
<u>IST: No blow.</u>		
<u>FF: No return blow</u>		
<u>FST: No blow</u>		

Recovery — Total Feet <u>10'</u>	GIP _____	Ft. in DC <u>10'</u>	Ft. in DP _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. <u>10'</u> Feet Of <u>DCM</u>	%gas <u>20</u>	%oil _____	%water <u>80</u> %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT 107° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3,600 ppm System

(A) Initial Hydrostatic Mud	<u>2123</u> <u>2099</u> PSI	Recorder No. <u>2346</u>	T-Started <u>0741</u>
(B) First Initial Flow Pressure	<u>41</u> <u>16</u> PSI	(depth) <u>4252</u>	T-Open <u>0954</u>
(C) First Final Flow Pressure	<u>41</u> <u>#23</u> PSI	Recorder No. <u>13339</u>	T-Pulled <u>1124</u>
(D) Initial Shut-in Pressure	<u>62</u> <u>49</u> PSI	(depth) <u>4275</u>	T-Out <u>1330</u>
(E) Second Initial Flow Pressure	<u>41</u> <u>23</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure	<u>41</u> <u>25</u> PSI	(depth) _____	
(G) Final Shut-in Pressure	<u>52</u> <u>45</u> PSI	Initial Opening <u>30</u>	Test <u>700</u>
(H) Final Hydrostatic Mud	<u>2073</u> <u>2045</u> PSI	Initial Shut-in <u>20</u>	Jars _____

AK-1 ALP

Final Flow 20 Safety Joint _____

Final Shut-in 20 Straddle _____

Circ. Sub X N/C

Sampler _____

Extra Packer _____

Elect. Rec. X 150

Other _____

TOTAL PRICE \$ 850

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 Richard A. Robba

Our Representative Rod Steinbrink

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

OPERATOR : Slawson Exploration Co.
 WELL NAME: Stoecker "X" #1
 LOCATION : 24-12S-33W Logan KS.
 INTERVAL : 4274.00 To 4295.00 ft

DATE 9-11-97
 KB 3084.00 ft TICKET NO: 1-336 DST #4
 GR 3079.00 ft FORMATION: Lans/KC 200
 TD 4295.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2346			PF Fr. 2307 to 2337 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 2337 to 0022 hr
SF 45 Clock(hrs)	12 hr	12 hr	Elec			SF Fr. 0022 to 0107 hr
FS 90 Depth(ft)	4290.0	4290.0	4276.0	0.0	0.0	FS Fr. 0107 to 0237 hr

	Field	1	2	3	4	
A. Init Hydro	2103.0	2133.0	2085.0	0.0	0.0	T STARTED 2050 hr
B. First Flow	41.0	82.0	27.0	0.0	0.0	T ON BOTM 2305 hr
B1. Final Flow	135.0	175.0	211.0	0.0	0.0	T OPEN 2307 hr
C. In Shut-in	1170.0	1197.0	1221.0	0.0	0.0	T PULLED 0237 hr
D. Init Flow	228.0	286.0	222.0	0.0	0.0	T OUT 0500 hr
E. Final Flow	280.0	320.0	319.0	0.0	0.0	
F. Fl Shut-in	1170.0	1197.0	1218.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2043.0	2066.0	2071.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs

RECOVERY

Tot Fluid 665.00 ft of 462.00 ft in DC and 203.00 ft in DP
 665.00 ft of Mud stained Water
 0.00 ft of 3% mud 97% water with trace oil at top
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW .18 @ 80 deg =
 SALINITY 34000.00 P.P.M. A.P.I. Gravity 0.00

Unseated Str Wt 80000.00 lbs
 Bot Choke 0.75 in
 Hole Size 8.88 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 462.00 ft
 D.P. Length 3813.00 ft

MUD DATA-----
 Mud Type Chemical
 Weight 9.40 lb/cf
 Vis. 50.00 S/L
 W.L. 9.00 in3
 F.C. 0.00 in
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow built to 4"

Initial Shut In:
 Bled off blow, no return

Final Flow:
 Weak blow built to 8"

Final Shut In:
 Bled off blow, no return

Amt. of fill 0.00 ft
 Btm. H. Temp. 122.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Rod Steinbrink
 Co. Rep. Rich Robba
 Contr. Murfin
 Rig # 8
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: Y

15-109-20655-00-00

*** TOOL DIAGRAM *** CONV

WELL NAME: Stoecker "X" #1

LOCATION : 24-12S-33W Logan KS.

TICKET No. 1-336 D.S.T. No. 4 DATE 9-11-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL 21

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL

O.C. ANCHOR STND.Stands Single Total

O.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 41

O.C. ABOVE TOOLS.Stands8 Single Total 462

O.P. ABOVE TOOLS.Stands61 Single 1 Total 3813

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4316

TOTAL DEPTH 4295

TOTAL DRILL PIPE ABOVE K.B. 21

REMARKS:

P.O. SUB 1' Above 120' DC	4144
C.O. SUB 1'	4254
S.I. TOOL 5'	4260
HMV 5'	4265
JARS N/A	
SAFETY JOINT N/A	
PACKER 4'	4269
PACKER 5'	4274
DEPTH STUBB 1'	4275
ANCHOR	
Alpine Rec. @	4276
15' Perf.	4290
T.C. DEPTH	
AK-1 Rec. @	4290
BULLNOSE 5'	
T.D.	4295

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10336 DST #4 Stoecker "X" #1 Slawson Exploration

DATE: 09/11/97

TIME: 20:50:24

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	136.00	2085.5	0.0	104.18		
***** Start Flow 1	0.00	27.0	0.0	104.29		
	1.00	36.7	9.7	104.45		
	2.00	45.7	18.7	104.77		
	3.00	53.8	26.8	105.33		
	4.00	59.8	32.8	106.07		
	5.00	65.7	38.7	106.93		
	6.00	71.6	44.6	107.84		
	7.00	78.6	51.6	108.80		
	8.00	85.2	58.2	109.77		
	9.00	91.9	64.9	110.72		
	10.00	98.3	71.3	111.62		
	11.00	104.8	77.8	112.45		
	12.00	108.9	81.9	113.24		
	13.00	114.7	87.7	113.96		
	14.00	120.2	93.2	114.61		
	15.00	125.9	98.9	115.20		
	16.00	131.7	104.7	115.73		
	17.00	137.3	110.2	116.22		
	18.00	143.0	116.0	116.65		
	19.00	148.4	121.4	117.03		
	20.00	154.1	127.1	117.39		
	21.00	159.7	132.7	117.71		
	22.00	165.0	138.0	117.99		
	23.00	170.5	143.5	118.24		
	24.00	175.6	148.6	118.42		
	25.00	180.5	153.5	118.66		
	26.00	185.2	158.2	118.86		
	27.00	190.3	163.3	119.03		
	28.00	195.6	168.5	119.18		
	29.00	200.5	173.5	119.34		
	30.00	205.7	178.7	119.47		
***** End Flow 1	31.00	210.7	183.7	119.60		
***** Start Shutin 1	0.00	210.7	0.0	119.60	0.0000	0.044
	1.00	772.3	561.6	119.73	32.0000	0.596
	2.00	866.5	655.8	119.83	16.5000	0.751
	3.00	920.7	709.9	119.87	11.3333	0.848
	4.00	959.4	748.6	119.88	8.7500	0.920
	5.00	989.3	778.6	119.83	7.2000	0.979
	6.00	1013.3	802.6	119.71	6.1667	1.027
	7.00	1033.5	822.8	119.56	5.4286	1.068
	8.00	1050.6	839.9	119.36	4.8750	1.104
	9.00	1065.4	854.7	119.16	4.4444	1.135
	10.00	1078.5	867.8	118.94	4.1000	1.163
	11.00	1089.9	879.2	118.73	3.8182	1.188
	12.00	1100.2	889.4	118.54	3.5833	1.210
	13.00	1109.5	898.7	118.41	3.3846	1.231
	14.00	1117.8	907.1	118.26	3.2143	1.250
	15.00	1125.4	914.7	118.07	3.0667	1.267
	16.00	1132.4	921.7	117.93	2.9375	1.282
	17.00	1138.8	928.1	117.80	2.8235	1.297

15-109-20655-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10336 DST #4 Stoecker "X" #1 Slawson Exploration

DATE: 09/11/97

TIME: 20:50:24

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
18.00	1144.8	934.1	117.69	2.7222	1.311
19.00	1150.2	939.5	117.58	2.6316	1.323
20.00	1155.3	944.6	117.49	2.5500	1.335
21.00	1160.1	949.4	117.41	2.4762	1.346
22.00	1164.5	953.8	117.33	2.4091	1.356
23.00	1168.7	957.9	117.26	2.3478	1.366
24.00	1172.5	961.8	117.20	2.2917	1.375
25.00	1176.1	965.4	117.12	2.2400	1.383
26.00	1179.5	968.8	117.07	2.1923	1.391
27.00	1182.9	972.1	117.03	2.1481	1.399
28.00	1186.0	975.3	116.99	2.1071	1.407
29.00	1188.8	978.1	116.96	2.0690	1.413
30.00	1191.5	980.8	116.94	2.0333	1.420
31.00	1194.3	983.6	116.92	2.0000	1.426
32.00	1196.9	986.1	116.87	1.9688	1.432
33.00	1199.1	988.4	116.86	1.9394	1.438
34.00	1201.4	990.7	116.83	1.9118	1.443
35.00	1203.6	992.9	116.81	1.8857	1.449
36.00	1205.6	994.9	116.79	1.8611	1.453
37.00	1207.6	996.9	116.76	1.8378	1.458
38.00	1209.5	998.7	116.73	1.8158	1.463
39.00	1211.4	1000.6	116.70	1.7949	1.467
40.00	1213.1	1002.3	116.68	1.7750	1.471
41.00	1214.7	1004.0	116.63	1.7561	1.476
42.00	1216.3	1005.6	116.62	1.7381	1.479
43.00	1217.9	1007.2	116.60	1.7209	1.483
44.00	1219.4	1008.7	116.57	1.7045	1.487
45.00	1220.6	1009.9	116.57	1.6889	1.490
***** End Shut-in 1					
***** Start Flow 2					
0.00	222.4	0.0	116.53		
1.00	228.6	6.2	116.60		
2.00	231.2	8.8	116.83		
3.00	233.7	11.3	117.13		
4.00	236.3	13.9	117.53		
5.00	238.7	16.4	117.92		
6.00	241.6	19.2	118.32		
7.00	244.0	21.7	118.67		
8.00	246.5	24.1	119.02		
9.00	248.8	26.5	119.33		
10.00	251.2	28.9	119.61		
11.00	253.5	31.2	119.86		
12.00	256.1	33.7	120.08		
13.00	258.3	35.9	120.27		
14.00	260.5	38.1	120.44		
15.00	262.6	40.2	120.60		
16.00	264.7	42.3	120.74		
17.00	266.8	44.4	120.85		
18.00	269.2	46.8	120.96		
19.00	271.3	48.9	121.05		
20.00	273.3	50.9	121.14		
21.00	275.4	53.0	121.21		
22.00	277.4	55.0	121.28		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10336 DST #4 Stoecker "X" #1 Slawson Exploration

DATE: 09/11/97 TIME: 20:50:24

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
23.00	279.3	57.0	121.35		
24.00	281.3	58.9	121.40		
25.00	283.5	61.2	121.46		
26.00	285.5	63.1	121.50		
27.00	287.4	65.1	121.54		
28.00	289.3	67.0	121.59		
29.00	291.2	68.9	121.63		
30.00	293.2	70.8	121.67		
31.00	294.9	72.6	121.70		
32.00	297.1	74.7	121.74		
33.00	298.9	76.6	121.77		
34.00	300.8	78.5	121.79		
35.00	302.7	80.3	121.83		
36.00	304.4	82.1	121.86		
37.00	306.3	83.9	121.89		
38.00	307.9	85.6	121.91		
39.00	309.8	87.4	121.92		
40.00	311.9	89.5	121.96		
41.00	313.6	91.2	121.98		
42.00	315.4	93.0	121.99		
43.00	317.2	94.8	122.02		
44.00	318.8	96.4	122.04		
***** End Flow 2					
***** Start Shutin 2	0.00	318.8	0.0	122.04	0.0000 0.102
	1.00	770.1	451.3	122.06	76.0000 0.593
	2.00	852.0	533.2	122.09	38.5000 0.726
	3.00	898.8	580.0	122.10	26.0000 0.808
	4.00	932.1	613.3	122.09	19.7500 0.869
	5.00	957.9	639.1	122.07	16.0000 0.918
	6.00	978.9	660.1	122.02	13.5000 0.958
	7.00	996.4	677.7	121.98	11.7143 0.993
	8.00	1011.5	692.7	121.91	10.3750 1.023
	9.00	1024.6	705.9	121.84	9.3333 1.050
	10.00	1036.2	717.5	121.77	8.5000 1.074
	11.00	1046.6	727.8	121.69	7.8182 1.095
	12.00	1055.9	737.2	121.62	7.2500 1.115
	13.00	1064.3	745.6	121.53	6.7692 1.133
	14.00	1072.0	753.2	121.44	6.3571 1.149
	15.00	1079.1	760.3	121.38	6.0000 1.164
	16.00	1085.5	766.8	121.29	5.6875 1.178
	17.00	1091.5	772.8	121.22	5.4118 1.191
	18.00	1097.1	778.3	121.15	5.1667 1.204
	19.00	1102.3	783.5	121.09	4.9474 1.215
	20.00	1107.2	788.5	121.04	4.7500 1.226
	21.00	1111.7	793.0	120.97	4.5714 1.236
	22.00	1116.0	797.3	120.92	4.4091 1.246
	23.00	1120.1	801.3	120.86	4.2609 1.255
	24.00	1123.9	805.1	120.82	4.1250 1.263
	25.00	1127.5	808.7	120.77	4.0000 1.271
	26.00	1130.9	812.1	120.72	3.8846 1.279
	27.00	1134.1	815.4	120.67	3.7778 1.286
	28.00	1137.2	818.5	120.63	3.6786 1.293

15-109-20655-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10336 DST #4 Stoecker "X" #1 Slawson Exploration

DATE: 09/11/97

TIME: 20:50:24

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
29.00	1140.2	821.4	120.58	3.5862	1.300
30.00	1143.1	824.3	120.54	3.5000	1.307
31.00	1145.7	827.0	120.49	3.4194	1.313
32.00	1148.2	829.5	120.46	3.3438	1.318
33.00	1150.7	832.0	120.42	3.2727	1.324
34.00	1153.0	834.3	120.38	3.2059	1.329
35.00	1155.3	836.5	120.34	3.1429	1.335
36.00	1157.4	838.7	120.31	3.0833	1.340
37.00	1159.5	840.8	120.26	3.0270	1.344
38.00	1161.6	842.8	120.23	2.9737	1.349
39.00	1163.6	844.8	120.19	2.9231	1.354
40.00	1165.4	846.7	120.16	2.8750	1.358
41.00	1167.2	848.5	120.12	2.8293	1.362
42.00	1169.0	850.3	120.10	2.7857	1.367
43.00	1170.8	852.0	120.08	2.7442	1.371
44.00	1172.3	853.5	120.03	2.7045	1.374
45.00	1173.9	855.2	119.99	2.6667	1.378
46.00	1175.5	856.8	119.96	2.6304	1.382
47.00	1177.0	858.2	119.93	2.5957	1.385
48.00	1178.4	859.6	119.90	2.5625	1.389
49.00	1179.8	861.1	119.87	2.5306	1.392
50.00	1181.2	862.4	119.84	2.5000	1.395
51.00	1182.6	863.8	119.82	2.4706	1.398
52.00	1183.9	865.1	119.81	2.4423	1.402
53.00	1185.2	866.4	119.77	2.4151	1.405
54.00	1186.3	867.6	119.73	2.3889	1.407
55.00	1187.6	868.8	119.70	2.3636	1.410
56.00	1188.7	869.9	119.66	2.3393	1.413
57.00	1189.8	871.0	119.64	2.3158	1.416
58.00	1190.9	872.2	119.60	2.2931	1.418
59.00	1192.0	873.2	119.58	2.2712	1.421
60.00	1193.1	874.3	119.56	2.2500	1.423
61.00	1194.1	875.4	119.54	2.2295	1.426
62.00	1195.1	876.4	119.50	2.2097	1.428
63.00	1196.1	877.3	119.49	2.1905	1.431
64.00	1197.1	878.4	119.46	2.1719	1.433
65.00	1198.1	879.3	119.45	2.1538	1.435
66.00	1199.0	880.3	119.43	2.1364	1.438
67.00	1199.9	881.2	119.41	2.1194	1.440
68.00	1200.8	882.0	119.40	2.1029	1.442
69.00	1201.7	882.9	119.37	2.0870	1.444
70.00	1202.5	883.7	119.34	2.0714	1.446
71.00	1203.4	884.6	119.33	2.0563	1.448
72.00	1204.1	885.4	119.32	2.0417	1.450
73.00	1205.0	886.2	119.24	2.0274	1.452
74.00	1205.7	887.0	119.25	2.0135	1.454
75.00	1206.5	887.8	119.24	2.0000	1.456
76.00	1207.3	888.5	119.21	1.9868	1.458
77.00	1208.0	889.2	119.20	1.9740	1.459
78.00	1208.8	890.1	119.18	1.9615	1.461
79.00	1209.4	890.7	119.17	1.9494	1.463

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10336 DST #4 Stoecker "X" #1 Slawson Exploration

DATE: 09/11/97

TIME: 20:50:24

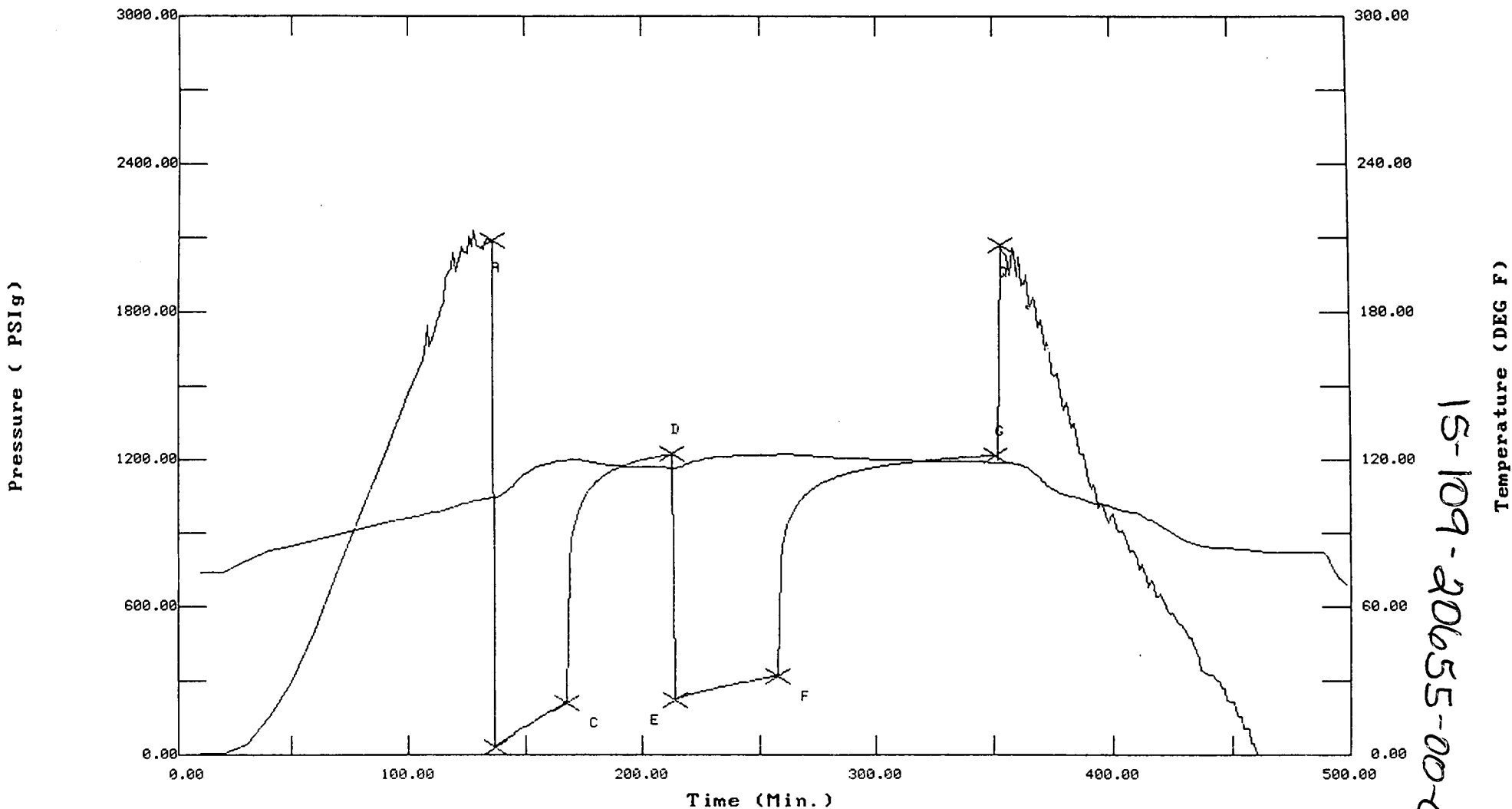
	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	80.00	1210.2	891.4	119.14	1.9375	1.465
	81.00	1210.8	892.1	119.14	1.9259	1.466
	82.00	1211.5	892.8	119.12	1.9146	1.468
	83.00	1212.2	893.4	119.10	1.9036	1.469
	84.00	1212.9	894.1	119.09	1.8929	1.471
	85.00	1213.5	894.7	119.08	1.8824	1.473
	86.00	1214.1	895.4	119.07	1.8721	1.474
	87.00	1214.8	896.0	119.04	1.8621	1.476
	88.00	1215.4	896.7	119.03	1.8523	1.477
	89.00	1216.0	897.2	119.02	1.8427	1.479
	90.00	1216.6	897.8	118.98	1.8333	1.480
	91.00	1217.2	898.4	118.98	1.8242	1.482
	92.00	1217.7	899.0	118.95	1.8152	1.483
***** End Shut-in 2	93.00	1218.3	899.5	118.93	1.8065	1.484
***** Final Hydro.	353.00	2070.7	0.0	118.91		

TEST HISTORY

10336 DST #4 Stoecker "X" #1 Slawson Exploration

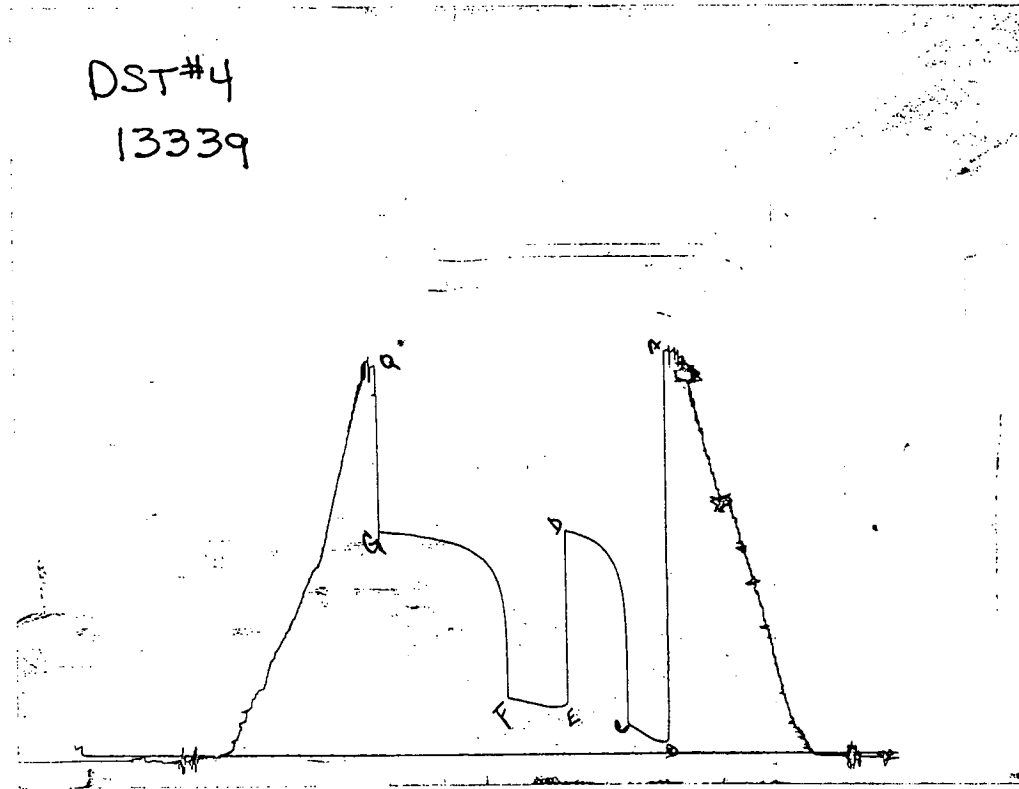
Flag Points
t(Min.) P(PSig)

A:	0.00	2085.48
B:	0.00	27.00
C:	31.00	210.73
D:	45.00	1220.60
E:	0.00	222.37
F:	44.00	318.76
G:	93.00	1218.28
Q:	0.00	2070.74



15-109-20655-00-00

CHART PAGE



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

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 10336

Well Name & No.	<u>Stoecker 'X' #1</u>	Test No.	<u>4</u>	Date	<u>9-11-97</u>
Company	<u>Slawson Exploration Company, Inc.</u>	Zone Tested	<u>Lans/KC 200</u>		
Address	<u>200 N Harvey Ste 1412 Okla City, OK 73102</u>		Elevation	<u>3084</u>	KB <u>3079</u> GL
Co. Rep / Geo.	<u>Rich Robba</u>	Cont.	<u>Murfin #8</u>	Est. Ft. of Pay	Por. %
Location: Sec.	<u>24</u>	Twp.	<u>12^S</u>	Rge.	<u>33^W</u>
			Co.	<u>Logan</u>	State <u>KS</u>
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	<u>4274 - 4295</u>	Initial Str Wt./Lbs.	<u>80,000</u>	Unseated Str Wt./Lbs.	<u>80,000</u>
Anchor Length	<u>21'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>90,000</u>
Top Packer Depth	<u>4269</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>4274</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>4295</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>467'</u>
Mud Wt.	<u>9.4</u> LCM	Vis.	<u>50</u> WL	Drill Pipe Size	<u>4 1/2" XH</u> Ft. Run
Blow Description	<u>IF: Weak surface blow built to 4"</u>				
	<u>ISI: Bled off blow - no return.</u>				
	<u>FF: Weak blow built to 6"</u>				
	<u>FSI: Bled off blow - no return.</u>				

Recovery — Total Feet	<u>665'</u>	GIP	<u>—</u>	Ft. in DC	<u>462'</u>	Ft. in DP	<u>203'</u>
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	<u>665'</u> Feet Of	<u>SMCW w/ trc. oil</u>	%gas	%oil	<u>97</u> %water	<u>3</u> %mud	
Rec.	Feet Of	<u>@ top</u>	%gas	%oil	%water	%mud	
Rec.	Feet Of	%gas	%oil	%water	%mud		

BHT 122° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW .18 @ 80° °F Chlorides 34,000 ppm Recovery Chlorides 3,600 ppm System

(A) Initial Hydrostatic Mud	<u>2103</u> 2080	<u>2085</u> PSI	Recorder No.	<u>2346</u>	T-Started	<u>2050</u>
(B) First Initial Flow Pressure	<u>41</u>	<u>27</u> PSI	(depth)	<u>4276</u>	T-Open	<u>2307</u>
(C) First Final Flow Pressure	<u>135</u>	<u>210</u> PSI	Recorder No.	<u>13339</u>	T-Pulled	<u>0237</u>
(D) Initial Shut-in Pressure	<u>1170</u>	<u>1220</u> PSI	(depth)	<u>4290</u>	T-Out	<u>0500</u>
(E) Second Initial Flow Pressure	<u>228</u>	<u>222</u> PSI	Recorder No.	<u>—</u>		
(F) Second Final Flow Pressure	<u>280</u>	<u>318</u> PSI	(depth)	<u>—</u>		
(G) Final Shut-in Pressure	<u>1170</u>	<u>1218</u> PSI	Initial Opening	<u>30</u>	Test	<u>700</u>
(H) Final Hydrostatic Mud	<u>2043</u>	<u>2070</u> PSI	Initial Shut-in	<u>45</u>	Jars	

AK-1 ALP

Final Flow 45 Safety Joint _____

Final Shut-in 90 Straddle _____

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.

Circ. Sub X N/C

Sampler _____

Extra Packer _____

Elect. Rec. X 150

Other _____

TOTAL PRICE \$ 850

Approved By Rod Steinbrink

Our Representative Rod Steinbrink

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

OPERATOR : Slawson Exploration Co.
WELL NAME: Stoecker "X" #1
LOCATION : 24-12S-33W Logan KS.
INTERVAL : 4559.00 To 4635.00 ft

DATE 9-13-97
KB 3084.00 ft TICKET NO: 10337 DST #5
GR 3079.00 ft FORMATION: Johnson
TD 4635.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13339	13339	2346			PF Fr. 1734 to 1804 hr
SI 20	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1804 to 1824 hr
SF 20	Clock(hrs)	12 hr	12 hr	Elec			SF Fr. 1824 to 1844 hr
FS 20	Depth(ft)	4630.0	4630.0	4562.0	0.0	0.0	FS Fr. 1844 to 1904 hr

	Field	1	2	3	4	
A. Init Hydro	2403.0	2326.0	2297.0	0.0	0.0	T STARTED 1510 hr
B. First Flow	83.0	117.0	21.0	0.0	0.0	T ON BOTM 1730 hr
B1. Final Flow	83.0	78.0	24.0	0.0	0.0	T OPEN 1734 hr
C. In Shut-in	124.0	114.0	100.0	0.0	0.0	T PULLED 1904 hr
D. Init Flow	83.0	95.0	25.0	0.0	0.0	T OUT 2130 hr
E. Final Flow	83.0	80.0	28.0	-0.0	0.0	
F. Fl Shut-in	104.0	84.0	56.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2323.0	2262.0	2246.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 90000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 80000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 462.00 ft
						D.P. Length 4094.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
5.00 ft of Oil Stained Mud
0.00 ft of 2%oil 98%mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak surface blow died in 10 mins.

Initial Shut In:
No blow

Final Flow:
No return blow

Final Shut In:
No blow

SAMPLES:
SENT TO:

Test Successful: Y

MUD DATA-----	
Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	56.00 S/L
W.L.	9.20 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	113.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Rod Steinbrink
Co. Rep.	Rich Robba
Contr.	Murfin
Rig #	8
Unit #	
Pump T.	

15-109-20655-00-00

*** TOOL DIAGRAM *** CONV

WELL NAME: Stoecker "X" #1
 LOCATION : 24-12S-33W Logan KS.
 TICKET No. 10337 D.S.T. No. 5 DATE 9-13-97
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 20
 INTERVAL TOOL 14
 BOTTOM PACKERS AND ANCHOR
 TOTAL TOOL 34
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands 1 Single Total 62
 TOTAL ASSEMBLY 96
 D.C. ABOVE TOOLS.Stands 8 Single Total 462
 D.P. ABOVE TOOLS.Stands 66 Single Total 4094
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4652
 TOTAL DEPTH 4635
 TOTAL DRILL PIPE ABOVE K.B. 17
 REMARKS:

P.O. SUB 1' Above 120' DC	4419
C.O. SUB 1'	4539
S.I. TOOL 5'	4545
HMV 5'	4550
JARS N/A	
SAFETY JOINT N/A	
PACKER 4'	4554
PACKER 5'	4559
DEPTH STUBB 1'	4560
ANCHOR	
Alpine Rec. @ 4562	
6' Perf	4566
1' CO Sub	4567
62' DP	4529
1' CO Sub	4530
T.C. DEPTH	
AK-1 Rec. @ 4530	
BULLNOSE 5'	
T.D.	4535

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10337 DST #5 "X" Stoecker #1 Slawson Exploration

DATE: 09/13/97

TIME: 15:10:25

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	143.00	2297.3	0.0	109.49		
***** Start Flow 1	0.00	21.0	0.0	109.70		
	1.00	21.4	0.4	109.87		
	2.00	21.7	0.7	110.01		
	3.00	22.1	1.1	110.10		
	4.00	22.2	1.2	110.17		
	5.00	22.4	1.4	110.22		
	6.00	22.5	1.4	110.26		
	7.00	22.6	1.6	110.29		
	8.00	22.8	1.8	110.31		
	9.00	22.8	1.8	110.34		
	10.00	22.9	1.8	110.36		
	11.00	23.2	2.2	110.38		
	12.00	23.2	2.2	110.39		
	13.00	23.2	2.1	110.41		
	14.00	23.3	2.2	110.43		
	15.00	23.1	2.1	110.45		
	16.00	23.1	2.1	110.46		
	17.00	23.1	2.1	110.49		
	18.00	23.2	2.2	110.51		
	19.00	23.0	2.0	110.54		
	20.00	23.1	2.0	110.57		
	21.00	23.2	2.2	110.59		
	22.00	23.0	2.0	110.62		
	23.00	23.2	2.2	110.65		
	24.00	23.3	2.3	110.69		
	25.00	23.2	2.2	110.72		
	26.00	23.5	2.5	110.75		
	27.00	23.2	2.2	110.79		
	28.00	23.3	2.3	110.82		
	29.00	23.2	2.1	110.86		
	30.00	23.0	1.9	110.89		
***** End Flow 1	31.00	23.7	2.7	110.93		
***** Start Shutin 1	0.00	23.7	0.0	110.93	0.0000	0.001
	1.00	25.9	2.2	110.97	32.0000	0.001
	2.00	28.3	4.6	111.01	16.5000	0.001
	3.00	31.0	7.3	111.04	11.3333	0.001
	4.00	33.7	10.0	111.08	8.7500	0.001
	5.00	36.7	13.0	111.12	7.2000	0.001
	6.00	39.7	16.0	111.15	6.1667	0.002
	7.00	43.0	19.3	111.20	5.4286	0.002
	8.00	46.4	22.7	111.24	4.8750	0.002
	9.00	49.7	26.0	111.28	4.4444	0.002
	10.00	53.5	29.8	111.32	4.1000	0.003
	11.00	57.6	33.9	111.36	3.8182	0.003
	12.00	61.8	38.1	111.40	3.5833	0.004
	13.00	66.3	42.6	111.44	3.3846	0.004
	14.00	71.1	47.4	111.49	3.2143	0.005
	15.00	76.2	52.5	111.53	3.0667	0.006
	16.00	81.7	58.0	111.57	2.9375	0.007
	17.00	87.5	63.8	111.61	2.8235	0.008

15-109-20455-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10337 DST #5 "X" Stoecker #1 Slawson Exploration

DATE: 09/13/97

TIME: 15:10:25

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	18.00	93.6	69.9	111.66	2.7222	0.009
***** End Shut-in 1	19.00	100.2	76.5	111.69	2.6316	0.010
***** Start Flow 2	0.00	25.3	0.0	111.74		
	1.00	25.4	0.0	111.77		
	2.00	25.7	0.4	111.80		
	3.00	25.9	0.6	111.84		
	4.00	26.1	0.8	111.88		
	5.00	26.1	0.8	111.93		
	6.00	26.0	0.7	111.96		
	7.00	26.2	0.9	112.00		
	8.00	26.4	1.1	112.04		
	9.00	26.7	1.4	112.07		
	10.00	26.7	1.4	112.11		
	11.00	26.9	1.6	112.15		
	12.00	26.9	1.6	112.19		
	13.00	27.1	1.7	112.22		
	14.00	27.5	2.1	112.27		
	15.00	27.5	2.1	112.30		
	16.00	27.6	2.2	112.34		
	17.00	27.7	2.3	112.37		
	18.00	27.9	2.5	112.41		
	19.00	28.0	2.7	112.44		
***** End Flow 2	20.00	28.0	2.7	112.48		
***** Start Shutin 2	0.00	28.0	0.0	112.48	0.0000	0.001
	1.00	28.8	0.8	112.52	52.0000	0.001
	2.00	30.1	2.1	112.56	26.5000	0.001
	3.00	31.4	3.4	112.59	18.0000	0.001
	4.00	32.6	4.6	112.63	13.7500	0.001
	5.00	33.8	5.8	112.66	11.2000	0.001
	6.00	35.2	7.2	112.71	9.5000	0.001
	7.00	36.3	8.4	112.74	8.2857	0.001
	8.00	37.6	9.6	112.77	7.3750	0.001
	9.00	38.9	10.9	112.81	6.6667	0.002
	10.00	40.3	12.3	112.84	6.1000	0.002
	11.00	41.5	13.5	112.88	5.6364	0.002
	12.00	42.9	14.9	112.91	5.2500	0.002
	13.00	44.3	16.3	112.94	4.9231	0.002
	14.00	45.7	17.8	112.98	4.6429	0.002
	15.00	45.3	17.3	113.01	4.4000	0.002
	16.00	46.7	18.7	113.05	4.1875	0.002
	17.00	48.1	20.2	113.08	4.0000	0.002
	18.00	49.7	21.7	113.11	3.8333	0.002
	19.00	51.2	23.2	113.16	3.6842	0.003
	20.00	52.7	24.7	113.18	3.5500	0.003
	21.00	54.3	26.4	113.22	3.4286	0.003
***** End Shut-in 2	22.00	56.0	28.0	113.25	3.3182	0.003
***** Final Hydro.	239.00	2246.3	0.0	113.43		

TEST HISTORY

10337 DST #5 "X" Stoecker #1 Slawson Exploration

Flag Points
t (Min.) P (PSig)

A:	0.00	2297.27
B:	0.00	21.01
C:	31.00	23.70
D:	19.00	100.18
E:	0.00	25.32
F:	20.00	27.98
G:	22.00	56.00
Q:	0.00	2246.30

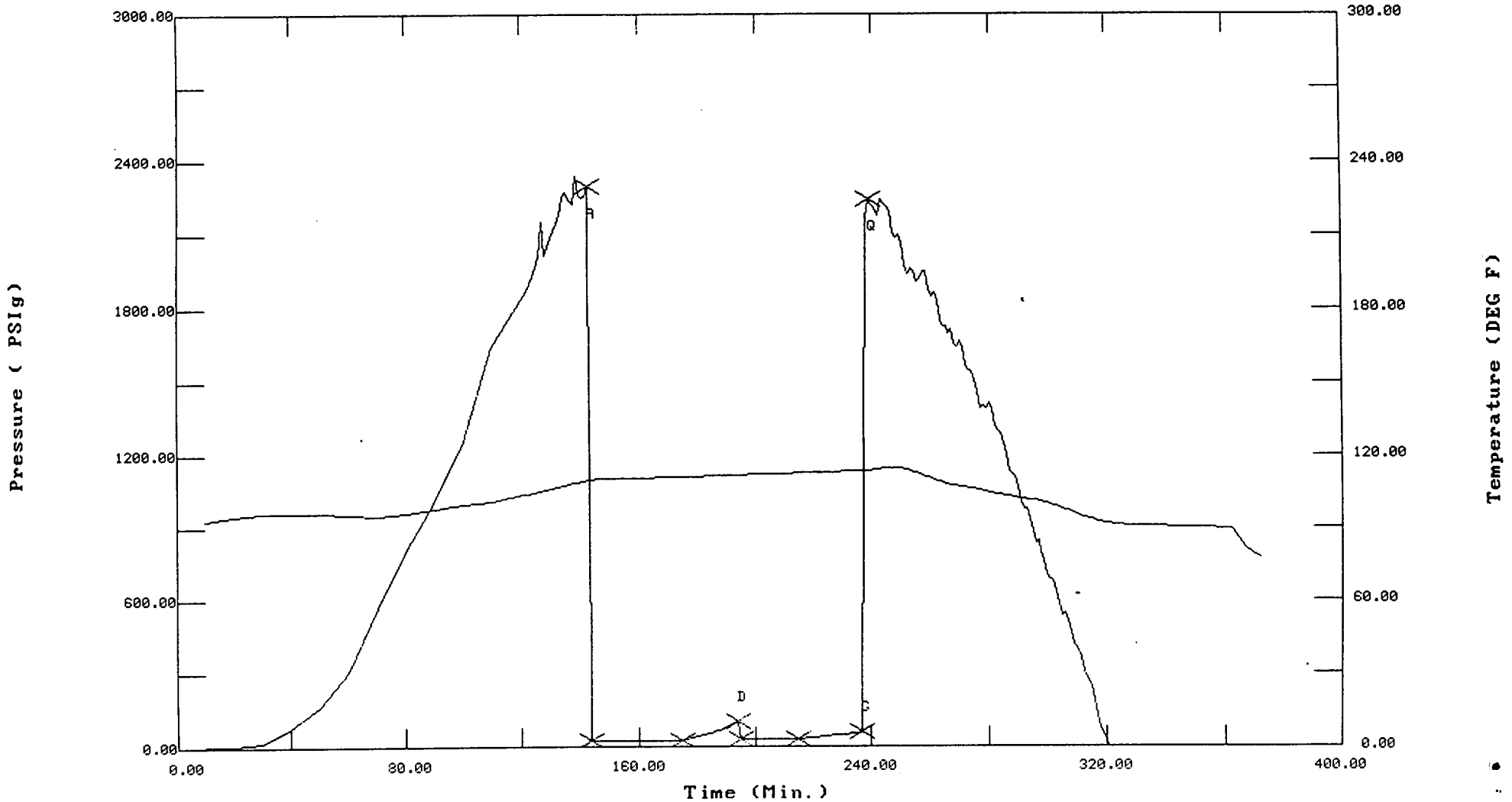
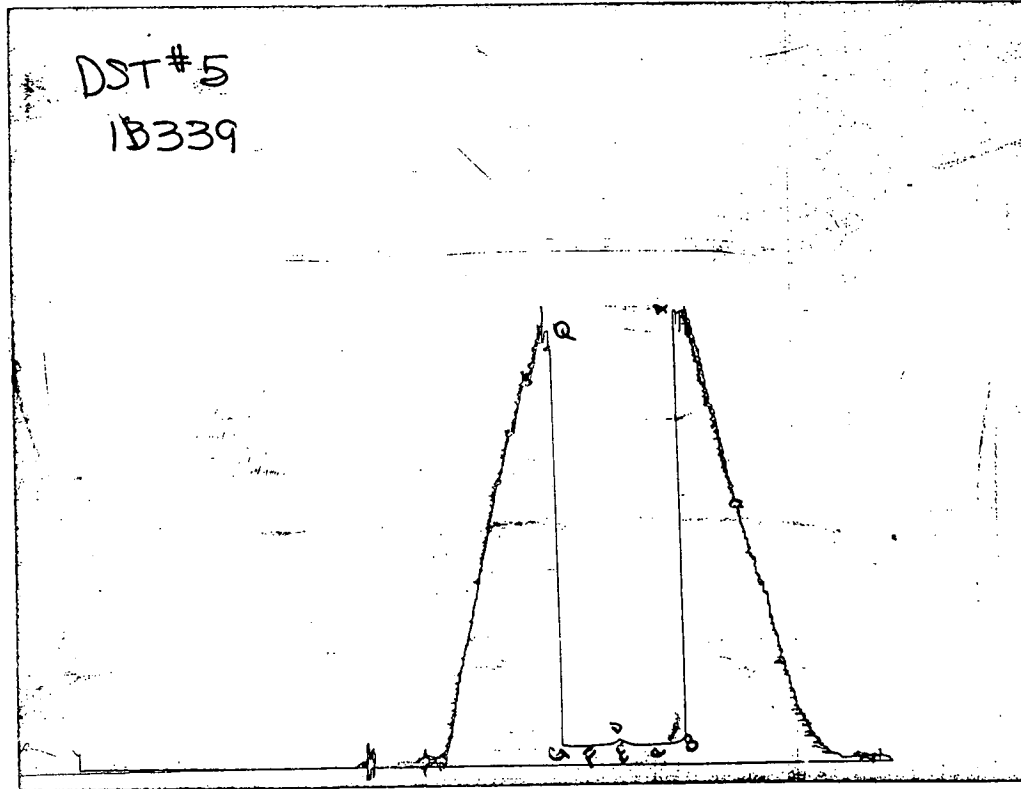


CHART PAGE



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

15-109-20655-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 10337

Well Name & No. Stoecker 'X' #1 Test No. 5 Date 9-13-97
 Company Slawson Exploration Company, Inc Zone Tested Johnson
 Address 200 N Harvey Ste 1412 Okla City OK 73102 Elevation 3084 KB 3079 GL
 Co. Rep / Geo. Rich Robba Cont. Murfin #8 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 24 Twp. 12^S Rge. 33^W Co. Logan State KS
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) _____

Interval Tested 4559 - 4635 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 80,000
 Anchor Length 76' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 90,000
 Top Packer Depth 4554 Tool Weight 2,000
 Bottom Packer Depth 4559 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4635 Wt. Pipe Run _____ Drill Collar Run 462'
 Mud Wt. 9.4 LCM _____ Vis. 56 WL 9.2 Drill Pipe Size 4 1/2" XH Ft. Run 4094'
 Blow Description IF: Weak surface blow died in 10 mins

FSI: No blow
 FF: No return blow
 FSI: No blow.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>5'</u>	—	<u>5'</u>	—				
Rec. _____ Feet Of _____				%gas	%oil	%water	%mud
Rec. _____ Feet Of _____				%gas	%oil	%water	%mud
Rec. <u>5'</u> Feet Of <u>SOCM</u>				%gas	<u>2</u> %oil	%water	<u>98</u> %mud
Rec. _____ Feet Of _____				%gas	%oil	%water	%mud
Rec. _____ Feet Of _____				%gas	%oil	%water	%mud

BHT 113° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3,800 ppm System
 (A) Initial Hydrostatic Mud 2403 | 2297 PSI Recorder No. 2346 T-Started 1510
 (B) First Initial Flow Pressure 83 | 21 PSI (depth) 4562 T-Open 1734
 (C) First Final Flow Pressure 83 | 23 PSI Recorder No. 13339 T-Pulled 1904
 (D) Initial Shut-in Pressure 124 | 100 PSI (depth) 4630 T-Out 2130
 (E) Second Initial Flow Pressure 83 | 25 PSI Recorder No. _____
 (F) Second Final Flow Pressure 83 | 27 PSI (depth) _____
 (G) Final Shut-in Pressure 104 | 58 PSI Initial Opening 30 Test _____
 (H) Final Hydrostatic Mud 2323 | 2246 PSI Initial Shut-in 20 Jars _____
 Final Flow 20 Safety Joint _____
 Final Shut-in 20 Straddle _____

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 Richard A. Robba

Circ. Sub X NK
 Sampler _____
 Extra Packer _____
 Elect. Rec. X
 Other _____