

TRILOBITE TESTING L.L.C.

OPERATOR : Adrian Miller/Von Feldt
 WELL NAME: Beckman #2
 LOCATION : 13-13S-34W, Logan Cty KS
 INTERVAL : 3940.00 To 3970.00 ft

DATE 03/26/96
 KB 0.00 ft
 GR 0.00 ft
 TD 3970.00 ft
 TICKET NO: 9152
 FORMATION: Lansing/KC "E-F"
 DST #1
 TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	13276			PF Fr. 0545 to 0630 hr
SI 45 Range (Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0630 to 0715 hr
SF 45 Clock (hrs)	AK-1	AK-1	AK-1			SF Fr. 0715 to 0800 hr
FS 45 Depth (ft)	3965.0	3965.0	3960.0	0.0	0.0	FS Fr. 0800 to 0845 hr

	Field	1	2	3	4	
A. Init Hydro	1952.0	1963.0	0.0	0.0	0.0	T STARTED 0330 hr
B. First Flow	31.0	54.0	0.0	0.0	0.0	T ON BOTM 0543 hr
B1. Final Flow	31.0	54.0	0.0	0.0	0.0	T OPEN 0545 hr
C. In Shut-in	1200.0	1207.0	0.0	0.0	0.0	T PULLED 0845 hr
D. Init Flow	52.0	73.0	0.0	0.0	0.0	T OUT 1130 hr
E. Final Flow	52.0	73.0	0.0	0.0	0.0	
F. Fl Shut-in	1170.0	1195.0	0.0	0.0	0.0	
G. Final Hydro	1932.0	1921.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	0.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	50000.00 lbs
Initial Str Wt	40000.00 lbs
Unseated Str Wt	40000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	3956.00 ft

RECOVERY

Tot Fluid 90.00 ft of 0.00 ft in DC and 90.00 ft in DP
 90.00 ft of Drilling mud w/ oil specks in tool

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

BLOW DESCRIPTION

Initial Flow -
 Weak surface blow built to 1"
 Final Flow -
 Weak surface blow, steady throughout

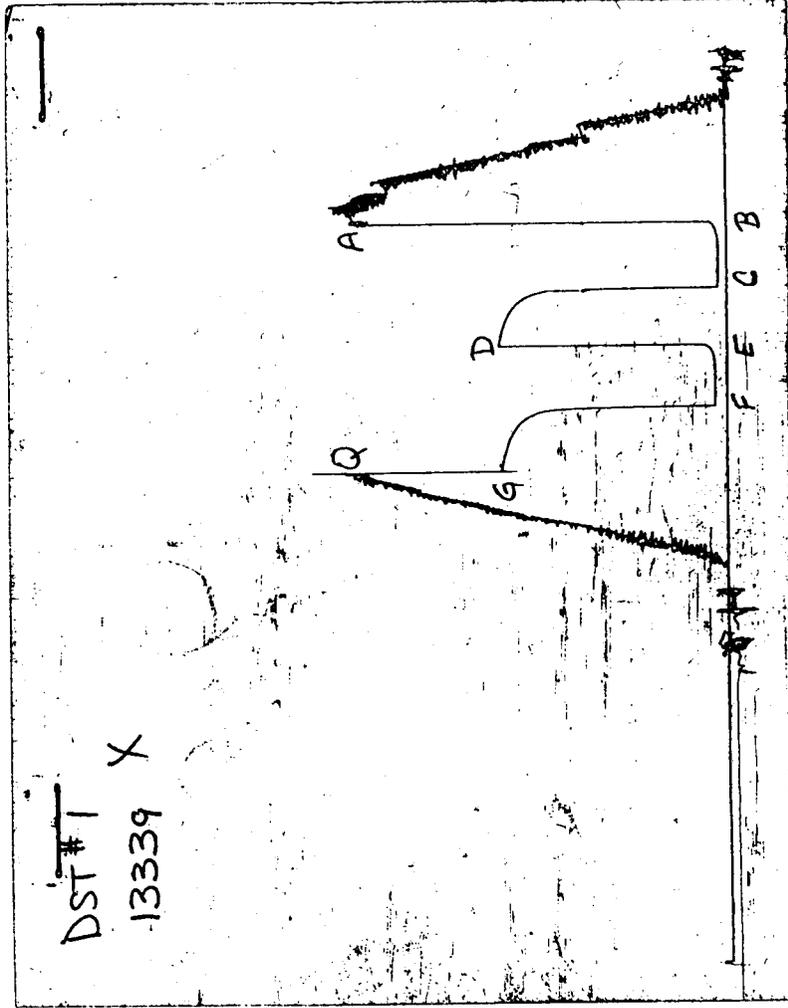
SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	43.00 S/L
W.L.	8.20 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	110.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Dave Shumaker
Contr.	Von Feldt
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

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

Test Ticket

N^o 9152

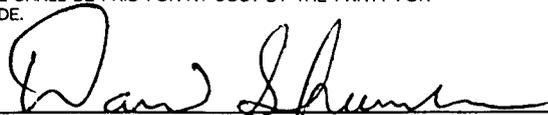
Well Name & No.	<u>Beckman #2</u>	Test No.	<u>1</u>	Date	<u>3-26-96</u>
Company	<u>Adrian O. Miller / VonFeldt Oil Operations</u>	Zone Tested	<u>Lans / KC E & F</u>		
Address	<u>P.O. Box 217 Wilson, KS. 67490</u>	Elevation	<u>KB</u>	<u>GL</u>	
Co. Rep / Geo.	<u>Dave Schimaker</u>	Cont.	<u>VonFeldt #1</u>	Est. Ft. of Pay	<u>Por. %</u>
Location: Sec.	<u>13</u>	Twp.	<u>13^s</u>	Rge.	<u>34^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>3940 - 3970</u>	Initial Str Wt./Lbs.	<u>40,000</u>	Unseated Str Wt./Lbs.	<u>40,000</u>
Anchor Length	<u>30'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>50,000</u>
Top Packer Depth	<u>3935</u>	Hole Size — 7 7/8"	<u>Rubber Size — 6 3/4"</u>		
Bottom Packer Depth	<u>3940</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u>—</u>		
Total Depth	<u>3970</u>	Drill Collar — 2.25 Ft. Run	<u>—</u>		
Mud Wt.	<u>9.0</u>	LCM	<u>Vis. 43</u>	WL	<u>8.2</u>
Blow Description	<u>Weak surface blow built to 1"</u>				

FF: Weak surface blow steady blow throughout

Recovery — Total Feet	<u>90'</u>	Ft. in DC	<u>—</u>	Ft. in WP	<u>—</u>	Ft. in DP	<u>90'</u>
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	<u>90'</u> Feet Of	<u>Drilg. Mud</u>		%gas	%oil	%water	%mud
Rec.	Feet Of	<u>w/ few oil specks in</u>		%gas	%oil	%water	%mud
Rec.	Feet Of	<u>tool</u>		%gas	%oil	%water	%mud
BHT	<u>110°</u>	°F Gravity	°API D@	°F Corrected Gravity	°API		
RW	@	°F Chlorides	ppm Recovery	Chlorides	<u>5,000</u>	ppm System	
(A) Initial Hydrostatic Mud	<u>1952</u>	PSI	Recorder No.	<u>—</u>	T-Started	<u>0330</u>	
(B) First Initial Flow Pressure	<u>31</u>	PSI	@ (depth)	<u>—</u>	T-Open	<u>00545</u>	
(C) First Final Flow Pressure	<u>31</u>	PSI	Recorder No.	<u>13276</u>	T-Pulled	<u>0845</u>	
(D) Initial Shut-in Pressure	<u>1200</u>	PSI	@ (depth)	<u>3960</u>	T-Out	<u>1130</u>	
(E) Second Initial Flow Pressure	<u>52</u>	PSI	Recorder No.	<u>13339</u>			
(F) Second Final Flow Pressure	<u>52</u>	PSI	@ (depth)	<u>3965</u>			
(G) Final Shut-in Pressure	<u>1170</u>	PSI	Initial Opening	<u>45</u>	Test	<u>600</u>	
(H) Final Hydrostatic Mud	<u>1932</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 

Our Representative Rod Steinbrink

Final Flow	<u>45</u>	Safety Joint	
Final Shut-in	<u>45</u>	Straddle	
		Circ. Sub	<u>X</u> <u>N/C</u>
		Sampler	
		Extra Packer	
		Elect. Rec.	
		Other	
		TOTAL PRICE \$	<u>1000</u>

TRILOBITE TESTING L.L.C.

OPERATOR : Adrian Miller/Von Feldt
 WELL NAME: Beckman #2
 LOCATION : 13-13S-34W, Logan Cty KS
 INTERVAL : 4060.00 To 4120.00 ft

DATE 03/27/96
 KB 0.00 ft
 GR 0.00 ft
 TD 4120.00 ft
 TICKET NO: 9153
 DST #2
 FORMATION: Lansing/KC "I - J"
 TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13276			PF Fr. 0600 to 0630 hr
SI 30 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0630 to 0700 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0700 to 0730 hr
FS 30 Depth(ft)	4115.0	4115.0	4115.0	0.0	0.0	FS Fr. 0730 to 0800 hr

	Field	1	2	3	4	
A. Init Hydro	2093.0	2111.0	0.0	0.0	0.0	T STARTED 0400 hr
B. First Flow	41.0	56.0	0.0	0.0	0.0	T ON BOTM 0558 hr
B1. Final Flow	41.0	56.0	0.0	0.0	0.0	T OPEN 0600 hr
C. In Shut-in	1271.0	1286.0	0.0	0.0	0.0	T PULLED 0800 hr
D. Init Flow	41.0	64.0	0.0	0.0	0.0	T OUT 1000 hr
E. Final Flow	41.0	64.0	0.0	0.0	0.0	
F. Fl Shut-in	1240.0	1253.0	0.0	0.0	0.0	
G. Final Hydro	2023.0	2025.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

RECOVERY

Tot Fluid 15.00 ft of 0.00 ft in DC and 15.00 ft in DP
 15.00 ft of Drilling mud w/ oil spots at tool

TOOL DATA-----

Tool Wt.	0.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	0.00 lbs
Initial Str Wt	40000.00 lbs
Unseated Str Wt	0.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	4047.00 ft

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

BLOW DESCRIPTION

Initial Flow -
 Weak surface blow, built to .5"

Final Flow -
 Weak surface return died in 15 min

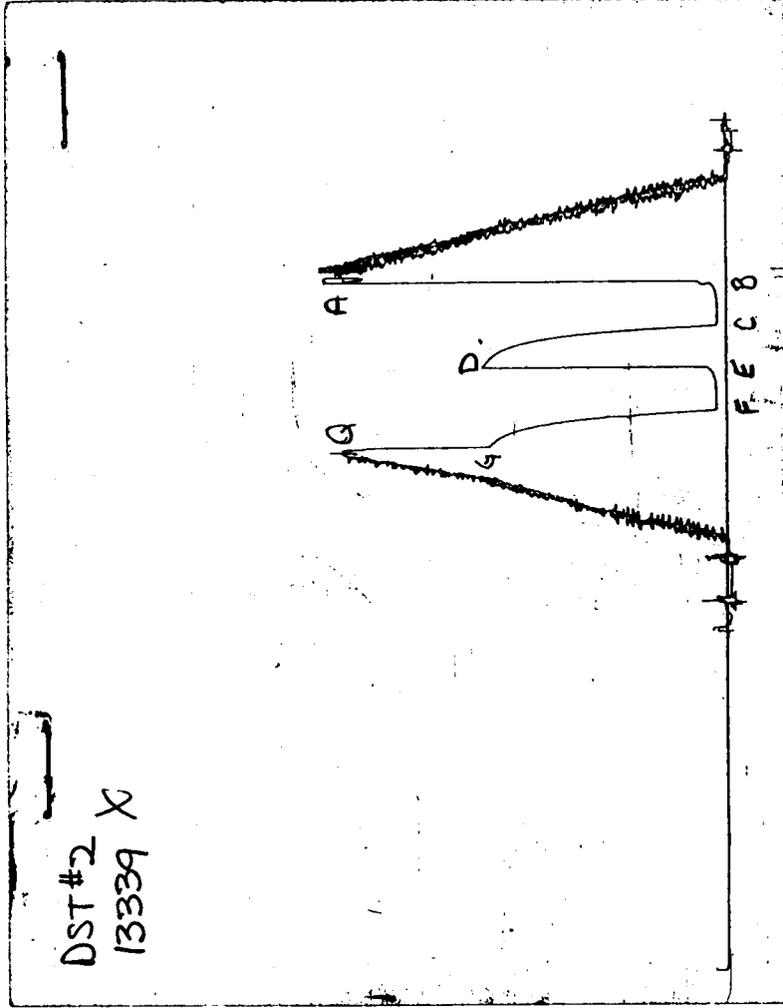
SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	46.00 S/L
W.L.	10.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Dave Shumaker
Contr.	Von Feldt
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

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

Test Ticket

N^o 9153

Well Name & No.	<u>Beckman #2</u>	Test No.	<u>2</u>	Date	<u>3-27-96</u>
Company	<u>Adrian D. Miller / Vonfeldt Oil Operations</u>		Zone Tested	<u>Lans/KC I & J</u>	
Address	<u>P.O. Box 217 Wilson, KS 67490</u>		Elevation	KB	GL
Co. Rep / Geo.	<u>Dave Shumaker</u>	Cont.	<u>Vonfeldt #1</u>	Est. Ft. of Pay	Por. %
Location: Sec.	<u>13</u>	Twp.	<u>13^s</u>	Rge.	<u>34^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>4060 - 4120</u>	Initial Str Wt./Lbs.	<u>40,000</u>	Unseated Str Wt./Lbs.	
Anchor Length	<u>60'</u>	Wt. Set Lbs.	<u>25,000</u>	Wt. Pulled Loose/Lbs.	
Top Packer Depth	<u>4055</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Bottom Packer Depth	<u>4060</u>	Wt. Pipe I.D. — 2.7 Ft. Run			
Total Depth	<u>4120</u>	Drill Collar — 2.25 Ft. Run			
Mud Wt. <u>9.3</u>	LCM	Vis. <u>46</u>	WL <u>10.8</u>	Drill Pipe Size	<u>4 1/2" XH</u>
Blow Description	<u>IF: Weak surface blow built to 1/2"</u>				

FF: Weak surface return died in 15 mins.

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
<u>15'</u>	<u>—</u>	<u>—</u>	<u>15'</u>				
Rec. _____ Feet Of _____							
Rec. _____ Feet Of _____							
Rec. <u>15'</u> Feet Of <u>Drilg. Mud</u>							
Rec. _____ Feet Of <u>w/ Oil Spots @ Tool</u>							
Rec. _____ Feet Of _____							

BHT 112° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud	<u>2093</u>	PSI	Recorder No.	<u>—</u>	T-Started	<u>0400</u>
(B) First Initial Flow Pressure	<u>41</u>	PSI	@ (depth)	<u>—</u>	T-Open	<u>0600</u>
(C) First Final Flow Pressure	<u>41</u>	PSI	Recorder No.	<u>13276</u>	T-Pulled	<u>0800</u>
(D) Initial Shut-in Pressure	<u>1271</u>	PSI	@ (depth)	<u>4110</u>	T-Out	<u>1000</u>
(E) Second Initial Flow Pressure	<u>41</u>	PSI	Recorder No.	<u>13339</u>		
(F) Second Final Flow Pressure	<u>41</u>	PSI	@ (depth)	<u>4115</u>		
(G) Final Shut-in Pressure	<u>1240</u>	PSI	Initial Opening	<u>30</u>	Test	<u>600</u>
(H) Final Hydrostatic Mud	<u>2023</u>	PSI	Initial Shut-in	<u>30</u>	Jars	

Final Flow 30 Safety Joint _____
 Final Shut-in 30 Straddle _____

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Approved By Dave Shumaker

Our Representative Rod Steinbrink

Circ. Sub X N/C
 Sampler _____
 Extra Packer _____
 Elect. Rec. _____
 Other _____
 TOTAL PRICE \$ 1000

TRILOBITE TESTING L.L.C.

OPERATOR : Adrian Miller/Von Feldt
 WELL NAME: Beckman #2
 LOCATION : 13-13S-34W, Logan Cty KS
 INTERVAL : 4426.00 To 4470.00 ft

DATE 03/28/96
 KB 3155.00 ft TICKET NO: 9154 DST #3
 GR 0.00 ft FORMATION: Johnson
 TD 4470.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45	Rec.	13276	13276	13339		PF Fr. 1730 to 1815 hr
SI 45	Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0 IS Fr. 1815 to 1900 hr
SF 30	Clock(hrs)	AK-1	AK-1	AK-1		SF Fr. 1900 to 1930 hr
FS 30	Depth(ft)	4460.0	4460.0	4465.0	0.0	0.0 FS Fr. 1930 to 2000 hr

	Field	1	2	3	4	
A. Init Hydro	2219.0	2220.0	0.0	0.0	0.0	T STARTED 1600 hr
B. First Flow	19.0	30.0	0.0	0.0	0.0	T ON BOTM 1728 hr
B1. Final Flow	19.0	30.0	0.0	0.0	0.0	T OPEN 1730 hr
C. In Shut-in	80.0	90.0	0.0	0.0	0.0	T PULLED 2000 hr
D. Init Flow	19.0	33.0	0.0	0.0	0.0	T OUT 2200 hr
E. Final Flow	19.0	33.0	0.0	0.0	0.0	
F. Fl Shut-in	39.0	44.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2190.0	2183.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 30000.00 lbs

RECOVERY

Tot Fluid 5.00 ft of 0.00 ft in DC and 5.00 ft in DP
 5.00 ft of Drilling mud

TOOL DATA-----
 Tool Wt. 0.00 lbs
 Wt Set On Packer 30000.00 lbs
 Wt Pulled Loose 60000.00 lbs
 Initial Str Wt 45000.00 lbs
 Unseated Str Wt 45000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 4423.00 ft

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

BLOW DESCRIPTION

Initial Flow -
 Weak surface, blow built to .5" and
 decreased to surface @ final

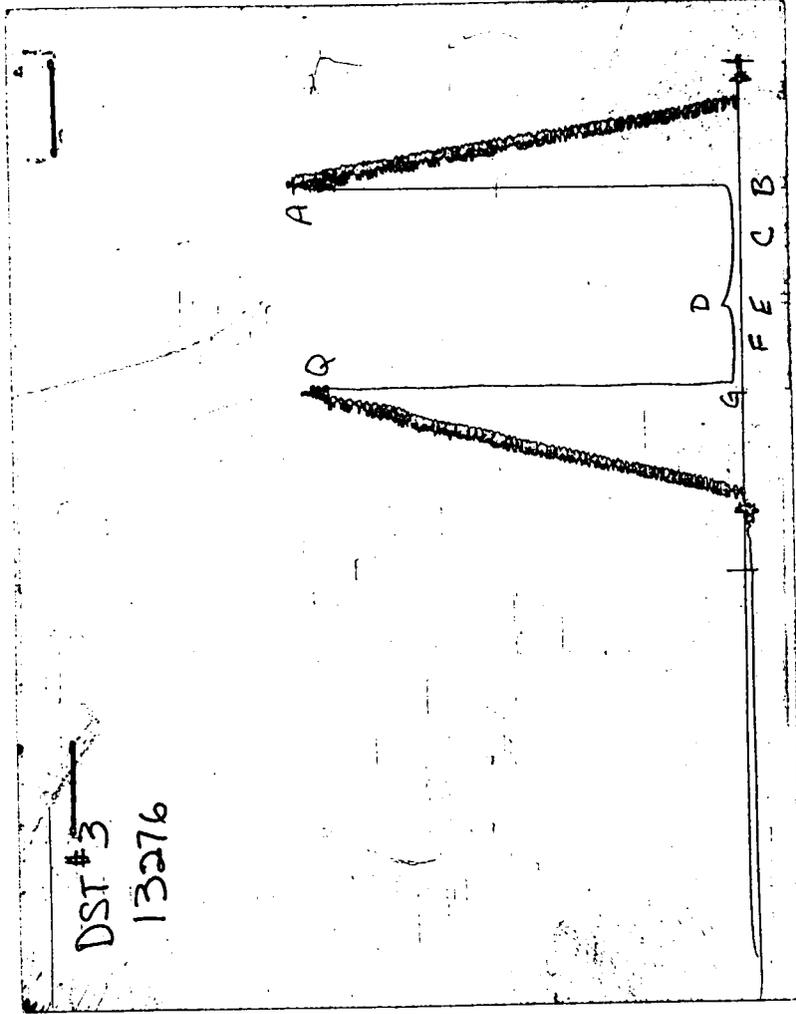
Final Flow -
 No return blow

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.50 lb/c
 Vis. 49.00 S/L
 W.L. 10.40 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 120.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Rod Steinbrink
 Co. Rep. Dave Shumaker
 Contr. Von Feldt
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

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

Test Ticket

N^o 9154

Well Name & No.	<u>Beckman #2</u>	Test No.	<u>3</u>	Date	<u>3-28-96</u>
Company	<u>Adrian D. Miller / VonFeldt Oil</u>	Zone Tested	<u>Johnson</u>		
Address	<u>P.O. Box 217 Wilson, KS. 67490</u>	Elevation	<u>3155</u>	KB	<u>GL</u>
Co. Rep / Geo.	<u>Dave Shumaker</u>	Cont.	<u>VonFeldt #1</u>	Est. Ft. of Pay	<u>Por. %</u>
Location: Sec.	<u>13</u>	Twp.	<u>13^S</u>	Rge.	<u>34^W</u>
				Co.	<u>Logan</u>
				State	<u>KS</u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>Y</u>
		Evaluation (Y, N)	<u> </u>		

Interval Tested	<u>4426 - 4470</u>	Initial Str Wt./Lbs.	<u>45,000</u>	Unseated Str Wt./Lbs.	<u>45,000</u>
Anchor Length	<u>44'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>60,000</u>
Top Packer Depth	<u>4421</u>	Hole Size — 7 7/8"	<u> </u>	Rubber Size — 6 3/4"	<u> </u>
Bottom Packer Depth	<u>4426</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u> </u>		
Total Depth	<u>4470</u>	Drill Collar — 2.25 Ft. Run	<u> </u>		
Mud Wt.	<u>9.5</u>	LCM	<u> </u>	Vis.	<u>49</u>
		WL	<u>10.4</u>	Drill Pipe Size	<u>4 1/2" XH</u>
Blow Description	<u>IF: Weak surface blow built to 1/2" and decreased to surface @ final.</u>				

FF: No return blow.

Recovery — Total Feet	<u>5'</u>	Ft. in DC	<u> </u>	Ft. in WP	<u> </u>	Ft. in DP	<u>5'</u>
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	<u>5'</u> Feet Of	<u>Drig. Mud</u>	%gas	%oil	%water	<u>100</u>	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		

BHT 120° °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 8,000 ppm System

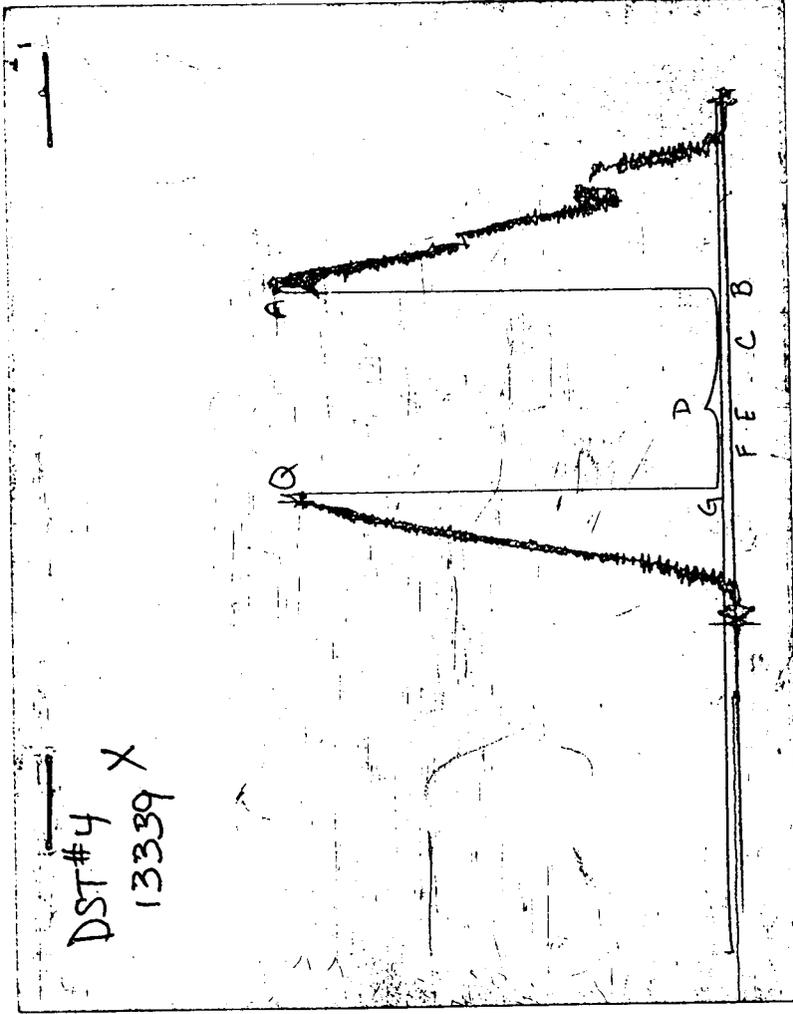
(A) Initial Hydrostatic Mud	<u>2219</u>	PSI	Recorder No.	<u> </u>	T-Started	<u>1600</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	@ (depth)	<u> </u>	T-Open	<u>1730</u>
(C) First Final Flow Pressure	<u>19</u>	PSI	Recorder No.	<u>13276</u>	T-Pulled	<u>2000</u>
(D) Initial Shut-in Pressure	<u>80</u>	PSI	@ (depth)	<u>4460</u>	T-Out	<u>2200</u>
(E) Second Initial Flow Pressure	<u>19</u>	PSI	Recorder No.	<u>13339</u>		
(F) Second Final Flow Pressure	<u>19</u>	PSI	@ (depth)	<u>4465</u>		
(G) Final Shut-in Pressure	<u>39</u>	PSI	Initial Opening	<u>45</u>	Test	<u>600</u>
(H) Final Hydrostatic Mud	<u>2190</u>	PSI	Initial Shut-in	<u>45</u>	Jars	<u> </u>

Final Flow 30 Safety Joint
Final Shut-in 30 Straddle

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Approved By Dave Shumaker
Our Representative Rod Steinbrink
Circ. Sub X N/C
Sampler
Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 600

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

Test Ticket

N^o 9155

Well Name & No.	<u>Beckman #2</u>	Test No.	<u>4</u>	Date	<u>3-29-96</u>
Company	<u>Adrian D. Miller / VonFeldt Oil</u>	Zone Tested	<u>Mississippian</u>		
Address	<u>P.O. Box 217 Wilson KS. 67490</u>	Elevation	<u>3155</u>	KB	<u>GL</u>
Co. Rep / Geo.	<u>Dave Shumaker</u>	Cont.	<u>VonFeldt #1</u>	Est. Ft. of Pay	<u>Por. %</u>
Location: Sec.	<u>13</u>	Twp.	<u>13^s</u>	Rge.	<u>34^w</u>
		Co.	<u>Logan</u>	State	<u>KS</u>
No. of Copies	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>Y</u>	Evaluation (Y, N)

Interval Tested	<u>4504 - 4570</u>	Initial Str Wt./Lbs.	<u>45,000</u>	Unseated Str Wt./Lbs.	_____
Anchor Length	<u>66'</u>	Wt. Set Lbs.	<u>25,000</u>	Wt. Pulled Loose/Lbs.	_____
Top Packer Depth	<u>4499</u>	Hole Size — 7 7/8"	_____	Rubber Size — 6 3/4"	_____
Bottom Packer Depth	<u>4504</u>	Wt. Pipe I.D. — 2.7 Ft. Run	_____	_____	_____
Total Depth	<u>4570</u>	Drill Collar — 2.25 Ft. Run	_____	_____	_____
Mud Wt.	<u>9.4</u>	LCM	_____	Vis.	<u>45</u>
		WL	<u>8.8</u>	Drill Pipe Size	<u>4 1/2" XH</u>
Blow Description	<u>IF: Weak surface blow built to 1/4" decreased to surface.</u>				

FF: Weak return intermitten blow throughout.

Recovery — Total Feet	<u>15'</u>	Ft. in DC	<u>—</u>	Ft. in WP	<u>—</u>	Ft. in DP	<u>15'</u>
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	<u>15'</u> Feet Of	<u>Drig. Mud</u>					
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		

BHT	<u>121°</u>	°F Gravity	_____	°API D@	_____	°F Corrected Gravity	_____	°API	_____
RW	@	°F Chlorides	_____	ppm Recovery	_____	Chlorides	<u>9,000</u>	ppm System	_____
(A) Initial Hydrostatic Mud	<u>2333</u>	PSI	_____	Recorder No.	_____	T-Started	<u>0930</u>		_____
(B) First Initial Flow Pressure	<u>41</u>	PSI	_____	@ (depth)	<u>—</u>	T-Open	<u>1105</u>		_____
(C) First Final Flow Pressure	<u>41</u>	PSI	_____	Recorder No.	<u>13276</u>	T-Pulled	<u>1335</u>		_____
(D) Initial Shut-in Pressure	<u>93</u>	PSI	_____	@ (depth)	<u>4560</u>	T-Out	<u>1500</u>		_____
(E) Second Initial Flow Pressure	<u>41</u>	PSI	_____	Recorder No.	<u>13339</u>				_____
(F) Second Final Flow Pressure	<u>41</u>	PSI	_____	@ (depth)	<u>4565</u>				_____
(G) Final Shut-in Pressure	<u>52</u>	PSI	_____	Initial Opening	<u>45</u>	Test	<u>600</u>		_____
(H) Final Hydrostatic Mud	<u>2303</u>	PSI	_____	Initial Shut-in	<u>45</u>	Jars	_____		_____

Final Flow	<u>30</u>	Safety Joint	_____
Final Shut-in	<u>30</u>	Straddle	_____
		Circ. Sub	<u>X</u> <u>N/C</u>
		Sampler	_____
		Extra Packer	_____
		Elect. Rec.	_____
		Other	_____

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Approved By *Dave Shumaker*
 Our Representative Rod Steinbrink

TOTAL PRICE \$ 600