

15-051-24928

21-14s-19w

WELL NAME:	Donald Kraus
COMPANY:	Michael D Weilert
LOCATION:	21-14S-19W
	Ellis County Kansas
DATE:	05/26/96

TRILOBITE TESTING L.L.C.

OPERATOR : Michael D Weilert

DATE 05/26/96

WELL NAME: Donald Kraus

KB 2009.00 ft

TICKET NO: 9376

DST #1

LOCATION : 21-14S-19W, Ellis Cty KS

GR 2000.00 ft

FORMATION: Arbuckle

INTERVAL : 3790.00 To 3821.00 ft

TD 3821.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	AK-1	AK-1	AK-1			PF Fr. 0215 to 0300 hr
SI 45 Range(Psi)	4375.0	4375.0	4000.0	0.0	0.0	IS Fr. 0300 to 0345 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 0345 to 0430 hr
FS 45 Depth(ft)	3818.0	3818.0	3796.0	0.0	0.0	FS Fr. 0430 to 0515 hr

	Field	1	2	3	4	
A. Init Hydro	2015.0	1983.0	0.0	0.0	0.0	T STARTED 0100 hr
B. First Flow	88.0	86.0	0.0	0.0	0.0	T ON BOTM 0213 hr
Bl. Final Flow	200.0	212.0	0.0	0.0	0.0	T OPEN 0215 hr
C. In Shut-in	1161.0	1159.0	0.0	0.0	0.0	T PULLED 0515 hr
D. Init Flow	233.0	240.0	0.0	0.0	0.0	T OUT 0700 hr
E. Final Flow	333.0	327.0	0.0	0.0	0.0	
F. Fl Shut-in	1150.0	1157.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1928.0	1937.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 56000.00 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 3789.00 ft

RECOVERY

Tot Fluid 830.00 ft of 0.00 ft in DC and 830.00 ft in DP
 210.00 ft of Gas in pipe
 650.00 ft of Clean gassy oil - 10% Gas, 90% oil
 180.00 ft of Oil cut mud - 50% oil, 50% mud

SALINITY 0.00 P.P.M. A.P.I. Gravity 34.00

BLOW DESCRIPTION

Initial Flow -
 Strong, bottom of bucket in 8 min
 Initial Shutin -
 Bled off blow, blow built back to 1"
 Final Flow -
 Strong, bottom of bucket in 9 min
 Final Shutin -
 No blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	49.00 S/L
W.L.	8.20 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	Dan Bangle
Co. Rep.	Ron Nelson
Contr.	Duke
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST

1

TICKET #

9376

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL PIPE 1	650	10	65	90	585		0		0
2	180		0	50	90		0	50	90
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
WEIGHT PIP 1			0		0		0		0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRL COLLAR 1			0		0		0		0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	830		65		675		0		90

HRS OPEN BBL/DAY

BBL OIL= 9.5985 * 1.5 153.576
 BBL WATER= 0 * 0
 BBL MUD= 1.2798
 BBL GAS = 0.9243

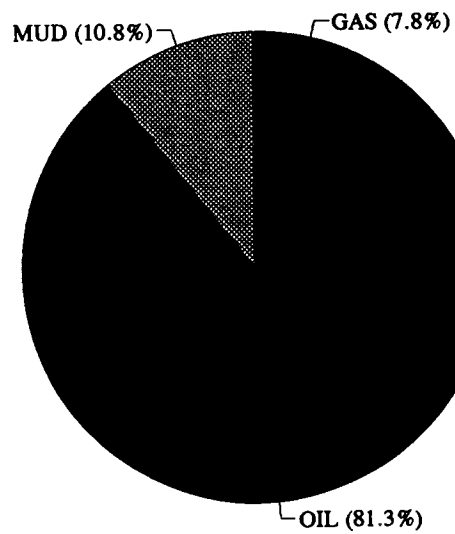
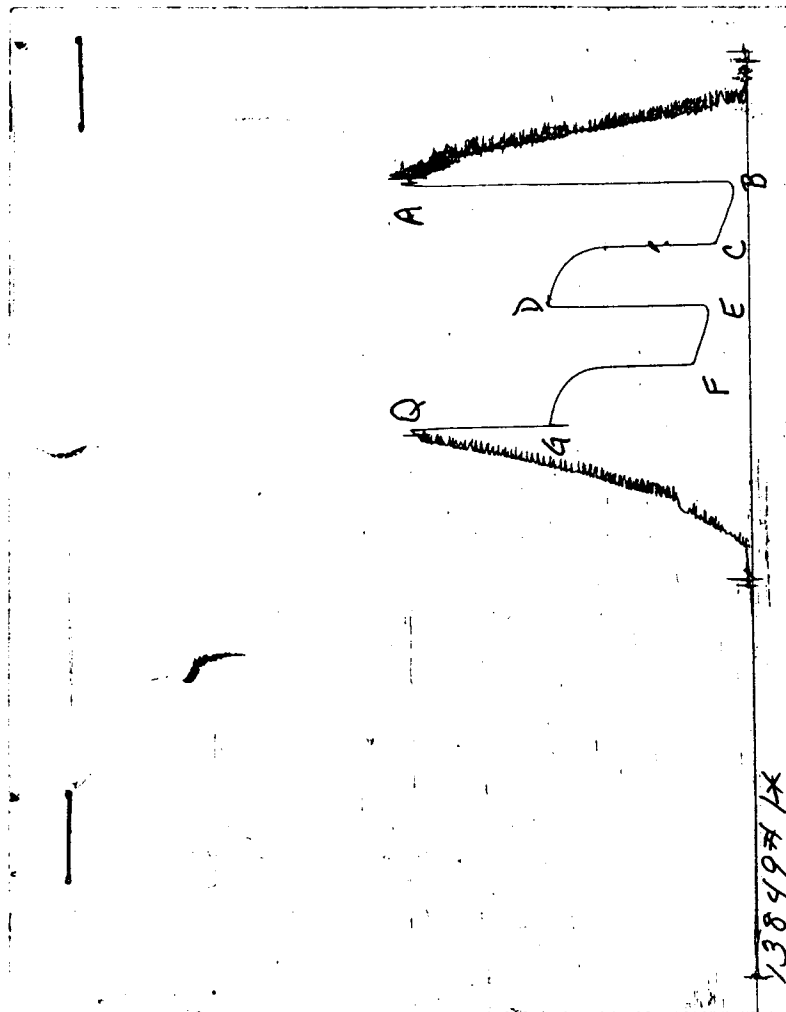


CHART PAGE



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

Nº 9376

Well Name & No.	<u>Donald Kraus</u>	Test No.	<u>1</u>	Date	<u>5-26-96</u>
Company	<u>Michael D. Weiler</u>	Zone Tested	<u>Arbuckle</u>		
Address	<u>866 230th Ave. Hays, KS 67601</u>	Elevation	<u>2009</u>	KB	<u>2000</u> GL
Co. Rep / Geo.	<u>Ron Nelson</u>	Cont.	<u>Duke #4</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>21</u>	Twp.	<u>14</u>	Rge.	<u>19</u> Co. <u>Ellis</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>3790 - 3821</u>	Initial Str Wt./Lbs.	<u>48,000</u>	Unseated Str Wt./Lbs.	<u>56,000</u>
Anchor Length	<u>31</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>60,000</u>
Top Packer Depth	<u>3785</u>	Hole Size — 7 7/8"	<u> </u>	Rubber Size — 6 3/4"	<u> </u>
Bottom Packer Depth	<u>3790</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u> </u>		
Total Depth	<u>3821</u>	Drill Collar — 2.25 Ft. Run	<u> </u>		
Mud Wt. <u>9.3</u> LCM <u> </u> Vis. <u>49</u> WL <u>8.2</u>		Drill Pipe Size	<u>4.5 XH</u>	Ft. Run	<u>3789</u>
Blow Description	<u>I.F. Strong - B.O.B. in 8 min.</u>				
	<u>ISI - Bled off blow - blow built back to 1"</u>				
	<u>E.F. Strong - B.O.B. in 9 min.</u>				
	<u>FSI - No blow back</u>				

Recovery — Total Feet	<u>830</u>	Ft. in-DC	<u> </u>	Ft. in WP	<u> </u>	Ft. in DP	<u>830</u>
Rec. <u>210</u>	Feet Of	<u>CLP</u>	%gas	%oil	%water	%mud	
Rec. <u>650</u>	Feet Of	<u>CGSYO</u>	<u>10</u> %gas	<u>90</u> %oil	%water	%mud	
Rec. <u>180</u>	Feet Of	<u>OCM</u>	%gas	<u>50</u> %oil	%water	<u>50</u> %mud	
Rec. <u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud	
Rec. <u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud	
BHT <u>120</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u>34</u>	°API
RW <u> </u>	@ <u> </u>	°F Chlorides	<u> </u>	ppm Recovery	Chlorides	<u>2,000</u>	ppm System
(A) Initial Hydrostatic Mud	<u>2015</u>	PSI	Recorder No.	<u>13754</u>	T-Started	<u>01:00</u>	
(B) First Initial Flow Pressure	<u>88</u>	PSI	@ (depth)	<u>3796</u>	T-Open	<u>02:15</u>	
(C) First Final Flow Pressure	<u>200</u>	PSI	Recorder No.	<u>13849</u>	T-Pulled	<u>05:15</u>	
(D) Initial Shut-in Pressure	<u>1161</u>	PSI	@ (depth)	<u>3818</u>	T-Out	<u>07:00</u>	
(E) Second Initial Flow Pressure	<u>233</u>	PSI	Recorder No.	<u> </u>			
(F) Second Final Flow Pressure	<u>333</u>	PSI	@ (depth)	<u> </u>			
(G) Final Shut-in Pressure	<u>1150</u>	PSI	Initial Opening	<u>45</u>	Test X	<u>600</u>	
(H) Final Hydrostatic Mud	<u>1928</u>	PSI	Initial Shut-in	<u>45</u>	Jars	<u> </u>	
			Final Flow	<u>45</u>	Safety Joint	<u> </u>	
			Final Shut-in	<u>45</u>	Straddle	<u> </u>	

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Approved By

Our Representative

Circ. Sub
Sampler
Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 600

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Well name Donald Kraws
DST # 1
Recorder # 13849

A		1983	
B		86	
C		212	
D		1159	
E		240	
F		327	
G		1157	
H		1937	
0			
1			
2			

