

WELL NAME:	Chambers #10
COMPANY:	Adeco Inc. & Chambers
LOCATION:	29-1-26
	Decatur co Kansas
DATE:	5/31/00

TRILOBITE TESTING L.L.C.

OPERATOR : Adeco Inc. & Chambers

DATE 5-20-00

WELL NAME: Chambers #10

KB 2512.00 ft

TICKET NO: 12719 DST #1

LOCATION : 29-1-26 Decatur co KS

GR 2504.00 ft

FORMATION: Toronto A & B

INTERVAL : 3251.00 To 3345.00 ft

TD 3345.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	11058	11058	2346			PF Fr. 0535 to 0620 hr
SI 45 Range(Psi)	4475.0	4475.0	4995.0	0.0	0.0	IS Fr. 0620 to 0705 hr
SF 45 Clock(hrs)	12	12	alpin			SF Fr. 0705 to 0750 hr
FS 45 Depth(ft)	3340.0	3340.0	3277.0	0.0	0.0	FS Fr. 0750 to 0835 hr

	Field	1	2	3	4	
A. Init Hydro	1577.0	1568.0	1584.0	0.0	0.0	T STARTED 0330 hr
B. First Flow	111.0	147.0	52.0	0.0	0.0	T ON BOTM 0532 hr
B1. Final Flow	166.0	187.0	144.0	0.0	0.0	T OPEN 0535 hr
C. In Shut-in	884.0	893.0	877.0	0.0	0.0	T PULLED 0835 hr
D. Init Flow	200.0	216.0	154.0	0.0	0.0	T OUT 1035 hr
E. Final Flow	255.0	256.0	216.0	0.0	0.0	
F. Fl Shut-in	873.0	883.0	872.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1565.0	1525.0	1537.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	i	i	o			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 27000.00 lbs
						Unseated Str Wt 35000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.50 in
						D.C. Length 30.00 ft
						D.P. Length 3288.00 ft

RECOVERY

Tot Fluid 400.00 ft of 30.00 ft in DC and 370.00 ft in DP
 20.00 ft of Weak gas in pipe.
 40.00 ft of Slightly gassy mud cut oil
 0.00 ft of 5% gas 80% oil 15% mud
 120.00 ft of Slightly gas & water cut muddy oil
 0.00 ft of 5% gas 30% oil 15% water 50% mud
 60.00 ft of Slightly gas & oil cut muddy water
 0.00 ft of 2% gas 5% oil 60% water 33% mud
 180.00 ft of Mud cut water 80% water 20% mud trace of oil
 SALINITY 49500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 1/2" @ open, built to bottom of bucket
 in 15 minutes.
 Initial Shut-In:
 No return.
 Final Flow:
 1/4" @ open, built to 6".
 Final Shut-In:
 No return.

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	57.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	8.00 ft
Btm. H. Temp.	93.00 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	Shane McBride
Co. Rep.	Jerry Green
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

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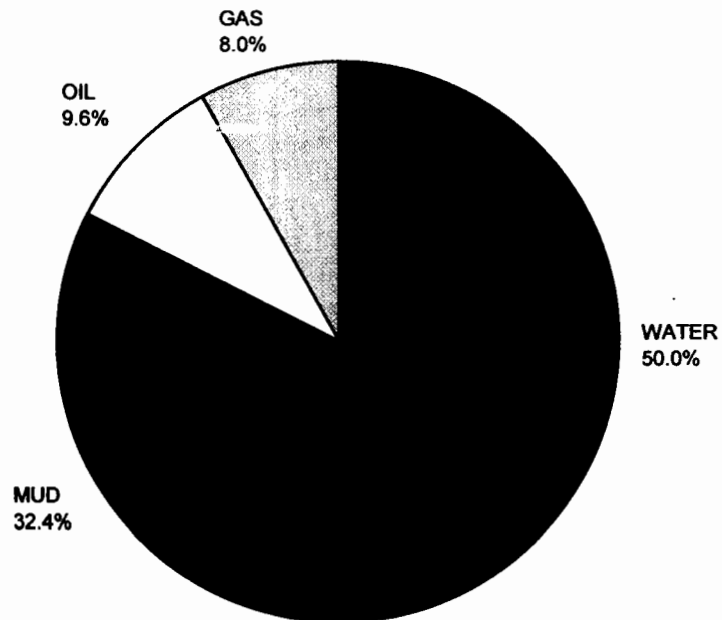
CALCULATED RECOVERY ANALYSIS

DST 1

TICKET 12719

SAMPLE #		TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL	1	20	100	20	0	0	0	0	0	0
PIPE	2	40	5	2	80	32	0	0	15	6
	3	120	5	6	30	0	15	18	50	60
	4	60	2	1.2	5	3	60	36	33	19.8
	5	150	0	0	0	0	80	120	20	30
	6	0	0	0	0	0	0	0	0	0
WEIGHT	1	0	0	0	0	0	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
DRILL	1	30	0	0	0	0	80	24	20	6
COLLARS	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
TOTAL		420	0	29.2	0	35	0	198	0	121.8

BBL OIL=	0.4977	*	HRS OPEN	1.5	=	BBL/DAY	7.9632
BBL WATER=	2.59164	*			=		41.46624
BBL MUD=	1.676016						
BBL GAS =	0.415224						



TEST HISTORY

12719 DST #1 Chambers #10 Adeco Inc. & Chambers

Flag Points

	t (Min.)	P (PSig)
A:	0.00	1584.50
B:	0.00	52.64
C:	44.00	144.10
D:	45.00	877.76
E:	0.00	154.25
F:	43.00	216.34
G:	46.00	872.37
Q:	0.00	1537.72

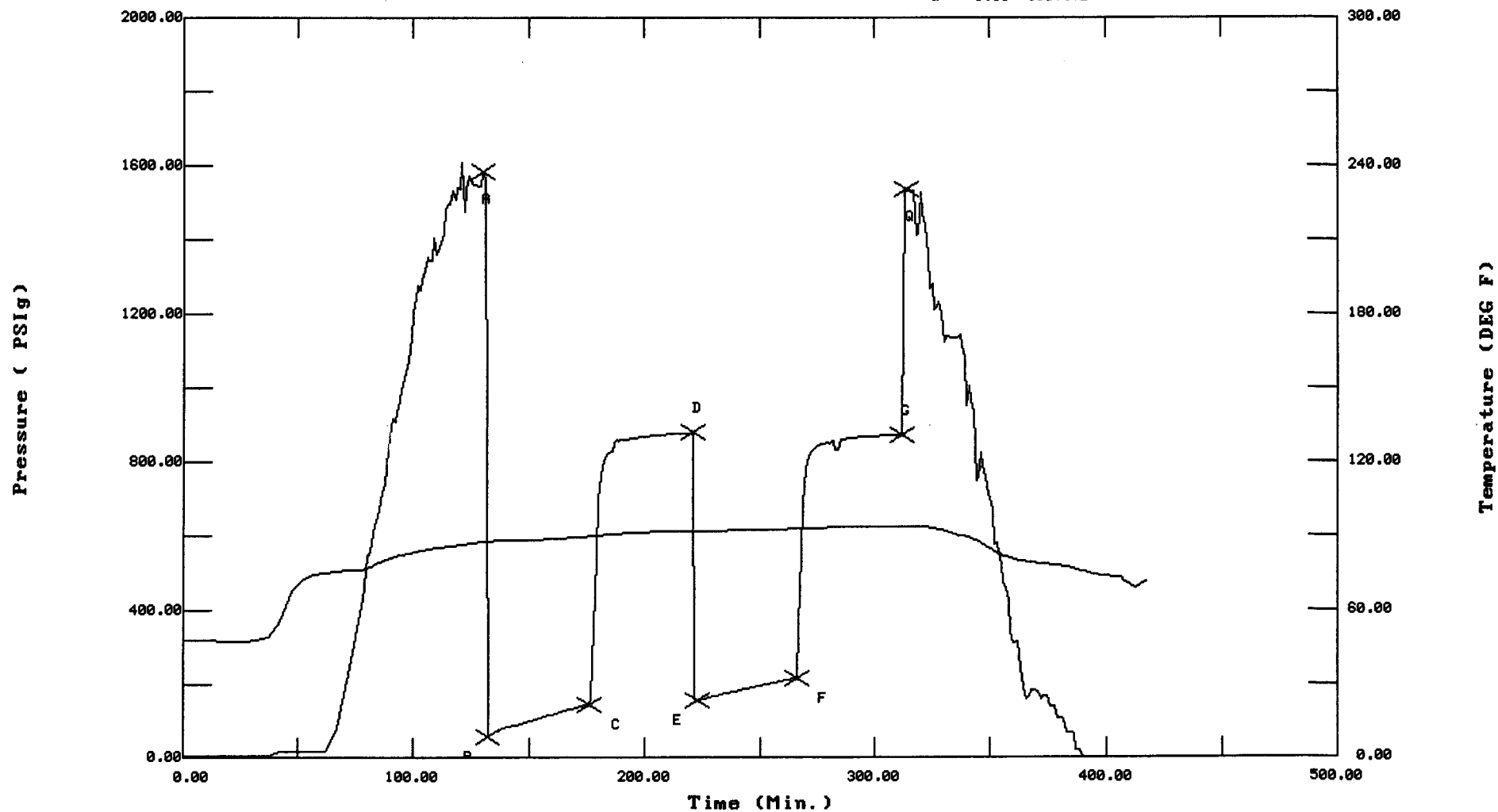
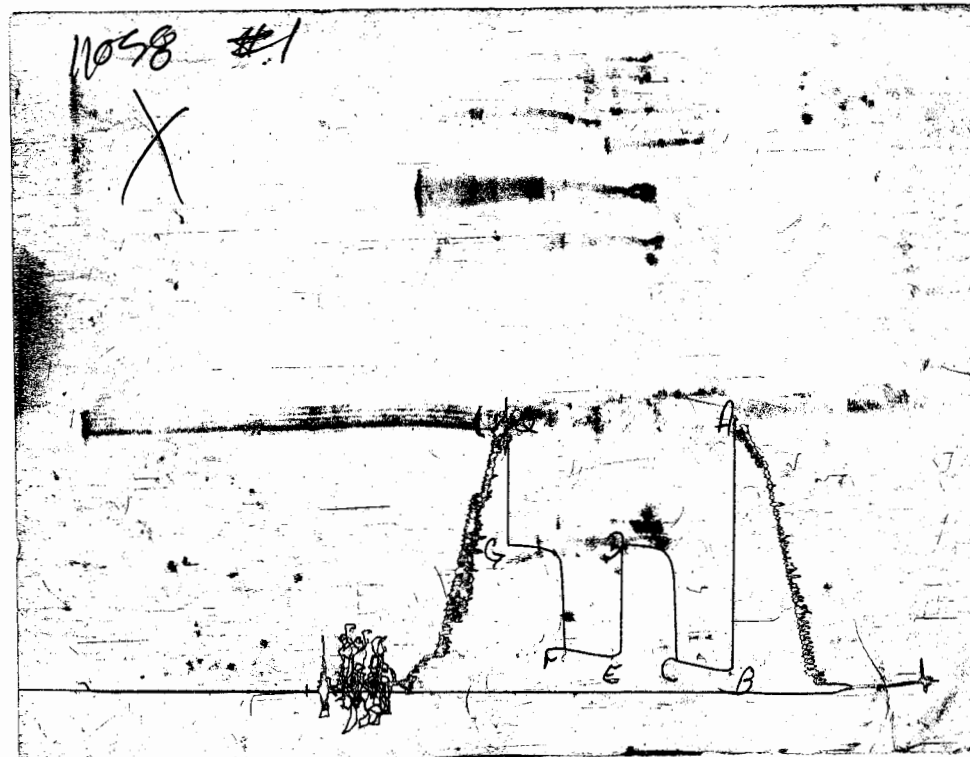


CHART PAGE



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

N² 12719

Well Name & No. <u>Chambers #10</u>	Test No. <u>#1</u>	Date <u>5-20-00</u>
Company <u>Adeco Inc & Chambers</u>	Zone Tested <u>Tacoma #3B</u>	
Address <u>P.O. Box 873, Hays, Ks, 67601</u>	Elevation <u>2502'</u> KB <u>2504'</u> GL	
Co. Rep / Geo. <u>Jerry Green</u>	Cont. <u>Dis #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>29</u> Twp. <u>1</u> Rge. <u>26</u>	Co. <u>Decatur</u> State <u>Ks</u>	
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>3251'</u>	<u>3345'</u>	Initial Str Wt./Lbs. <u>27,000</u>	Unseated Str Wt./Lbs. <u>35,000</u>
Anchor Length <u>94'</u>		Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>55,000</u>
Top Packer Depth <u>3246'</u>		Tool Weight <u>4,000</u>	
Bottom Packer Depth <u>3251'</u>		Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>3345'</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u>30' H-20</u>
Mud Wt. <u>8.9</u> LCM <u>1/4</u> Vis. <u>57</u> WL <u>7.2</u>		Drill Pipe Size <u>4 1/2 X 11</u>	Ft. Run <u>3288'</u>
Blow Description <u>12" @ open, built to B.O.B. in 15 min.</u>			
<u>No return</u>			
<u>14" @ open, built to 6" in.</u>			
<u>No return</u>			

Recovery — Total Feet <u>400'</u>	GIP <u>20' weak</u>	Ft. in DC <u>30'</u>	Ft. in DP <u>370'</u>
Rec. <u>40'</u>	Feet Of <u>Sg M C O</u>	5 %gas 80 %oil	%water 15 %mud
Rec. <u>60' 120'</u>	Feet Of <u>Sg 1/2 W C M O</u>	5 %gas 30 %oil	15 %water 50 %mud
Rec. <u>120' 60'</u>	Feet Of <u>Sg 3/4 S O C M W</u>	2 %gas 5 %oil	60 %water 33 %mud
Rec. <u>180'</u>	Feet Of <u>M C W 1/2 packer</u>	%gas 100 %oil	80 %water 20 %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
BHT <u>93°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API <u> </u>
RW <u>.13</u> @ <u>85</u> °F	Chlorides <u>49,500</u> ppm	Recovery Chlorides <u>500</u> ppm	System <u> </u>

(A) Initial Hydrostatic Mud	AK-1 <u>1577</u>	Alpine <u>1584</u>	PSI Recorder No. <u>2346</u>	T-On Location <u>01:40 A.M. 150</u>
(B) First Initial Flow Pressure	<u>111</u>	<u>52</u>	PSI (depth) <u>3277'</u>	T-Started <u>03:30 A.M.</u>
(C) First Final Flow Pressure	<u>166</u>	<u>144</u>	PSI Recorder No. <u>11058</u>	T-Open <u>05:35 A.M.</u>
(D) Initial Shut-In Pressure	<u>884</u>	<u>877</u>	PSI (depth) <u>3346'</u>	T-Pulled <u>08:35 A.M.</u>
(E) Second Initial Flow Pressure	<u>200</u>	<u>154</u>	PSI Recorder No. <u> </u>	T-Out <u>10:35 A.M.</u>
(F) Second Final Flow Pressure	<u>255</u>	<u>216</u>	PSI (depth) <u> </u>	T-Off Location <u>12:00 P.M.</u>
(G) Final Shut-in Pressure	<u>873</u>	<u>872</u>	PSI Initial Opening <u>45</u>	Test <u>X</u> <u>600</u>
(Q) Final Hydrostatic Mud	<u>1565</u>	<u>1537</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>
				Circ. Sub <u>X N/C</u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>X</u> <u>150</u>
				Mileage <u>130 miles</u>
				Other <u> </u>
				TOTAL PRICE \$ <u>750</u>

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 [Signature]

Our Representative [Signature]

Well Name Chamber 3
DST Number 1
Recorder Number 11058

A:	<u>1.490</u>	<u>11068</u>
B:	<u>.133</u>	<u>117</u>
C:	<u>.169</u>	<u>187</u>
D:	<u>.798</u>	<u>893</u>
E:	<u>.195</u>	<u>210</u>
F:	<u>.231</u>	<u>256</u>
G:	<u>.789</u>	<u>883</u>
Q:	<u>1.452</u>	<u>1625</u>