

15-171-20540

TRILOBITE TESTING L.L.C.

11-18s-32w

Range 15
32w,
not 22

OPERATOR : Pickrell Drlg.Co.,Inc.
WELL NAME: Carpenter #1 "C"
LOCATION : 11-18s-22w Scott co KS
INTERVAL : 4470.00 To 4522.00 ft

DATE 06-08-00
KB 2974.00 ft TICKET NO: 13777 DST #1
GR 2969.00 ft FORMATION: Ft.Scott
TD 4522.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11085	11085	3027			PF Fr. 0235 to 0305 hr
SI 45	Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0305 to 0350 hr
SF 30	Clock(hrs)	12hr	12hr	elec			SF Fr. 0350 to 0420 hr
FS 45	Depth(ft)	4487.0	4487.0	4481.0	0.0	0.0	FS Fr. 0420 to 0505 hr

	Field	1	2	3	4	
A. Init Hydro	2209.0	2257.0	2200.0	0.0	0.0	T STARTED 0025 hr
B. First Flow	44.0	50.0	20.0	0.0	0.0	T ON BOTM 0232 hr
B1. Final Flow	44.0	50.0	28.0	0.0	0.0	T OPEN 0235 hr
C. In Shut-in	99.0	99.0	82.0	0.0	0.0	T PULLED 0505 hr
D. Init Flow	44.0	68.0	24.0	0.0	0.0	T OUT 0742 hr
E. Final Flow	55.0	56.0	35.0	0.0	0.0	
F. Fl Shut-in	88.0	101.0	80.0	0.0	0.0	TOOL DATA-----
3. Final Hydro	2198.0	2219.0	2194.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 90000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 180.00 ft
						D.P. Length 4280.00 ft

RECOVERY

Dot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP
10.00 ft of Oil cut mud
1.00 ft of 6% oil 94% mud
1.00 ft of
1.00 ft of
1.00 ft of
1.00 ft of
1.00 ft of
1.00 ft of

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

LOW DESCRIPTION

Initial Flow:
Very weak blow throughout, 1/4" to surface blow.
Final Flow:
No blow- Flushed tool.

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	46.00 S/L
W.L.	15.20 in3
F.C.	0.00 in
Mud Drop	

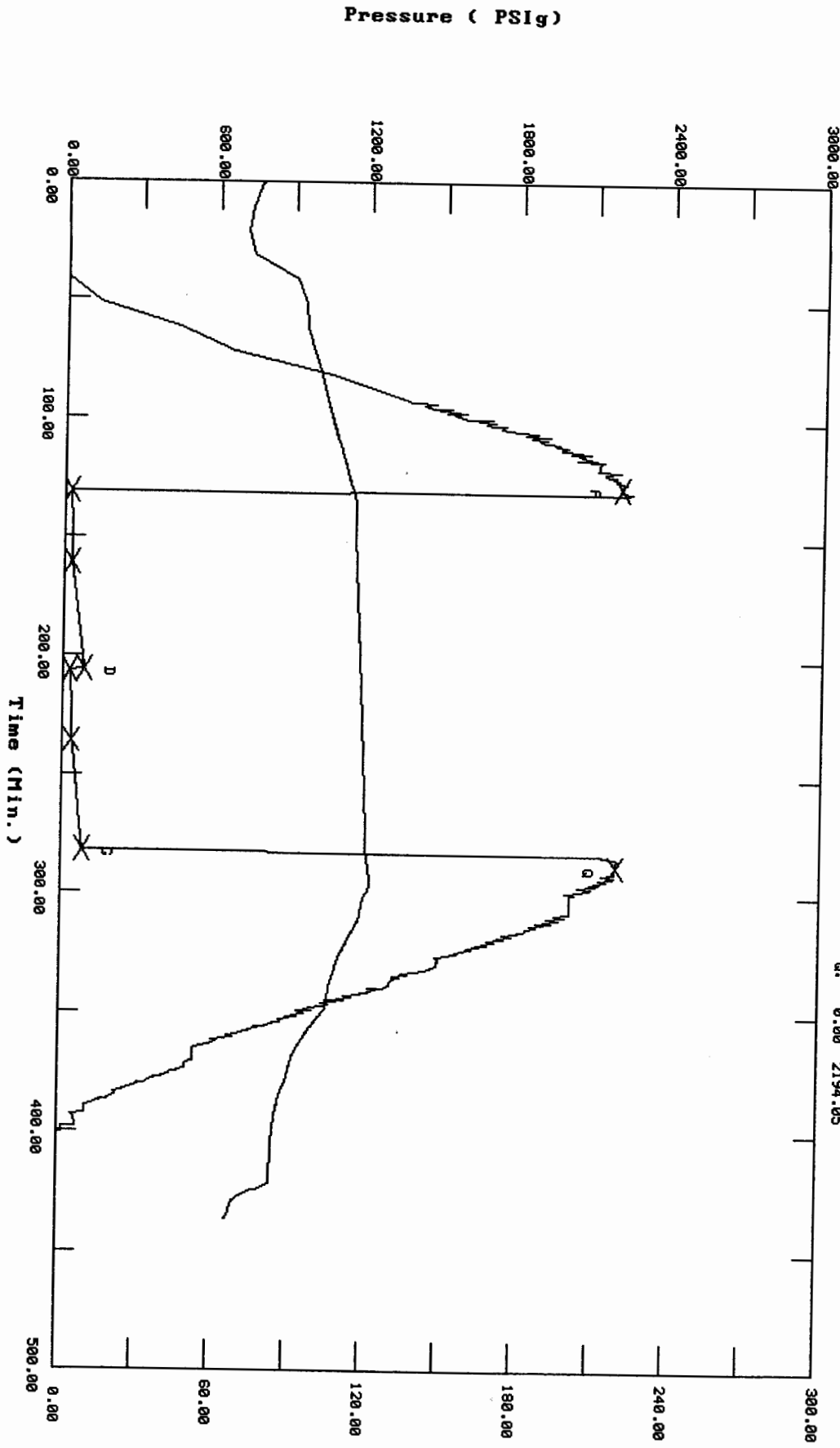
Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Ray Schwager
Co. Rep.	Arden Ratzlaff
Contr.	Pickeral Drlg.
Rig #	10
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

TEST HISTORY

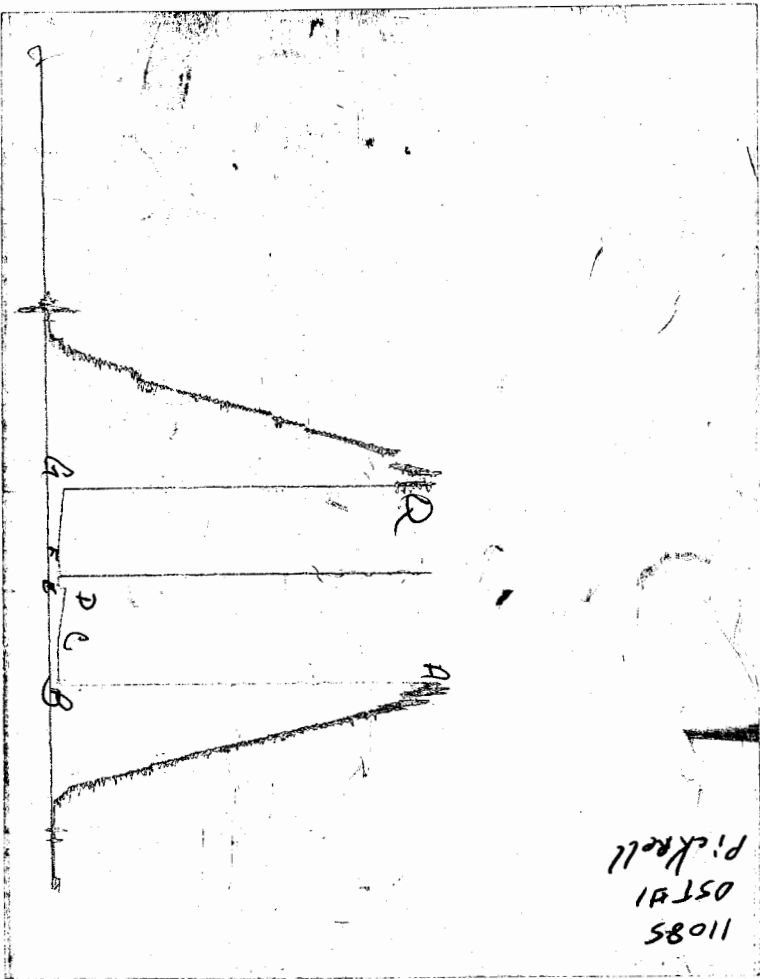
13777 DST#1 Carpenter #1 "C" Pickrell Drilling Co., Inc.



Flag Points
 t(Min.) P(PSig)

Temperature (DEG F)

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

No 13777

Test Ticket

Well Name & No. <u>CARPENTER #1 "C"</u>	Test No. <u>1</u>	Date <u>6-8-00</u>
Company <u>Pickrell Drilling Co., Inc</u>	Zone Tested <u>FT. SCOTT</u>	
Address <u>110 N. MARKET, SUITE 205 WICHITA, KS 67202</u>	Elevation <u>2974</u> KB <u>2969</u> GL	
Co. Rep / Geo. <u>Arden Ratzlaff</u>	Cont. <u>Pickrell rig 10</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>11</u> Twp. <u>18^S</u> Rge. <u>22^W</u>	Co. <u>SCOTT</u> State <u>Ks</u>	
No. of Copies <u>Reg</u> Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u>	Evaluation (Y, N) <u>-</u>

Interval Tested <u>4470 - 4522</u>	Initial Str Wt./Lbs. <u>60000</u>	Unseated Str Wt./Lbs. <u>60000</u>
Anchor Length <u>52</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>90000</u>
Top Packer Depth <u>4465</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>4470</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>4522</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>180</u>
Mud Wt. <u>9.3</u> LCM <u>-</u> Vis. <u>46</u> WL <u>15.2</u>	Drill Pipe Size <u>4 1/2 X N</u>	Ft. Run <u>4280</u>
Blow Description <u>IFP - VERY WEAK BLOW THROUGHOUT, 1/4" TO SURFACE BLOW</u> <u>FFP - NO BLOW, FLUSHED TOOL</u>		

Recovery — Total Feet <u>10</u>	GIP <u>-</u>	Ft. in DC <u>10</u>	Ft. in DP <u>-</u>
Rec. <u>10</u> Feet Of <u>OCM</u>	%gas <u>6</u>	%oil <u>-</u>	%water <u>94</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>
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
BHT <u>121</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>-</u>	Chlorides <u>10000</u>	ppm System <u>-</u>

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2209</u>	<u>2200</u>		<u>3027</u>	<u>2300</u>
(B) First Initial Flow Pressure	<u>44</u>	<u>20</u>	PSI	(depth) <u>4481</u>	T-Started <u>0025</u>
(C) First Final Flow Pressure	<u>44</u>	<u>28</u>	PSI	Recorder No. <u>11085</u>	T-Open <u>0235</u>
(D) Initial Shut-In Pressure	<u>99</u>	<u>82</u>	PSI	(depth) <u>4487</u>	T-Pulled <u>0505</u>
(E) Second Initial Flow Pressure	<u>44</u>	<u>24</u>	PSI	Recorder No. <u>-</u>	T-Out <u>0742</u>
(F) Second Final Flow Pressure	<u>55</u>	<u>35</u>	PSI	(depth) <u>-</u>	T-Off Location <u>0800</u>
(G) Final Shut-in Pressure	<u>88</u>	<u>80</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700</u>
(Q) Final Hydrostatic Mud	<u>2198</u>	<u>2194</u>	PSI	Initial Shut-in <u>45</u>	Jars <u>-</u>
				Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>45</u>	Straddle <u>-</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 Arden Ratzlaff

Our Representative RAY SCHWAGER Thank you

Elec. Rec. 150
 Mileage -
 Other -
 TOTAL PRICE \$ 900

TRILOBITE TESTING L.L.C.

OPERATOR : Pickrell Drlg.Co.,Inc DATE 06-09-00
 WELL NAME: Carpenter Trust #1-"C" KB 2974.00 ft TICKET NO: 13778 DST #2
 LOCATION : 11-18s-22w Scott co KS GR 2969.00 ft FORMATION: Johnson zn.& Miss
 INTERVAL : 4557.00 To 4600.00 ft TD 4600.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085	3027			PF Fr. 0037 to 0107 hr
SI 45 Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0107 to 0152 hr
SF 30 Clock(hrs)	12hr	12hr	elec			SF Fr. 0152 to 0222 hr
FS 45 Depth(ft)	4565.0	4565.0	4560.0	0.0	0.0	FS Fr. 0222 to 0307 hr

	Field	1	2	3	4	
A. Init Hydro	2295.0	2334.0	2268.0	0.0	0.0	T STARTED 2219 hr
B. First Flow	33.0	56.0	17.0	0.0	0.0	T ON BOTM 0034 hr
B1. Final Flow	33.0	46.0	21.0	0.0	0.0	T OPEN 0037 hr
C. In Shut-in	44.0	72.0	45.0	0.0	0.0	T PULLED 0307 hr
D. Init Flow	44.0	55.0	21.0	0.0	0.0	T OUT 0549 hr
E. Final Flow	44.0	55.0	21.0	0.0	0.0	
F. Fl Shut-in	44.0	61.0	36.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2284.0	2294.0	2258.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.20 in
						D. Pipe ID 3.80 in
						D.C. Length 180.00 ft
						D.P. Length 4375.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 5.00 ft of Mud w/show of oil in tool
 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	9.40 lb/cf
Vis.	45.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	124.00 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	Ray Schwager
Co. Rep.	Arden Ratzlaff
Contr.	Pickeral Drlg.
Rig #	10
Unit #	
Pump T.	

BLOW DESCRIPTION

Initial Flow:
 Very weak blow, died in 5 minutes.
 Final Flow:
 No blow. Flushed tool.

AMPLES:
 SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Carpenter Trust #1-"C"

LOCATION : 11-18s-22w Scott co KS

TICKET No. 13778 D.S.T. No. 2 DATE 06-09-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 43

TOTAL TOOL 65

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands3 Single Total 180

D.P. ABOVE TOOLS.Stands70 Single Total 4375

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4620

TOTAL DEPTH 4600

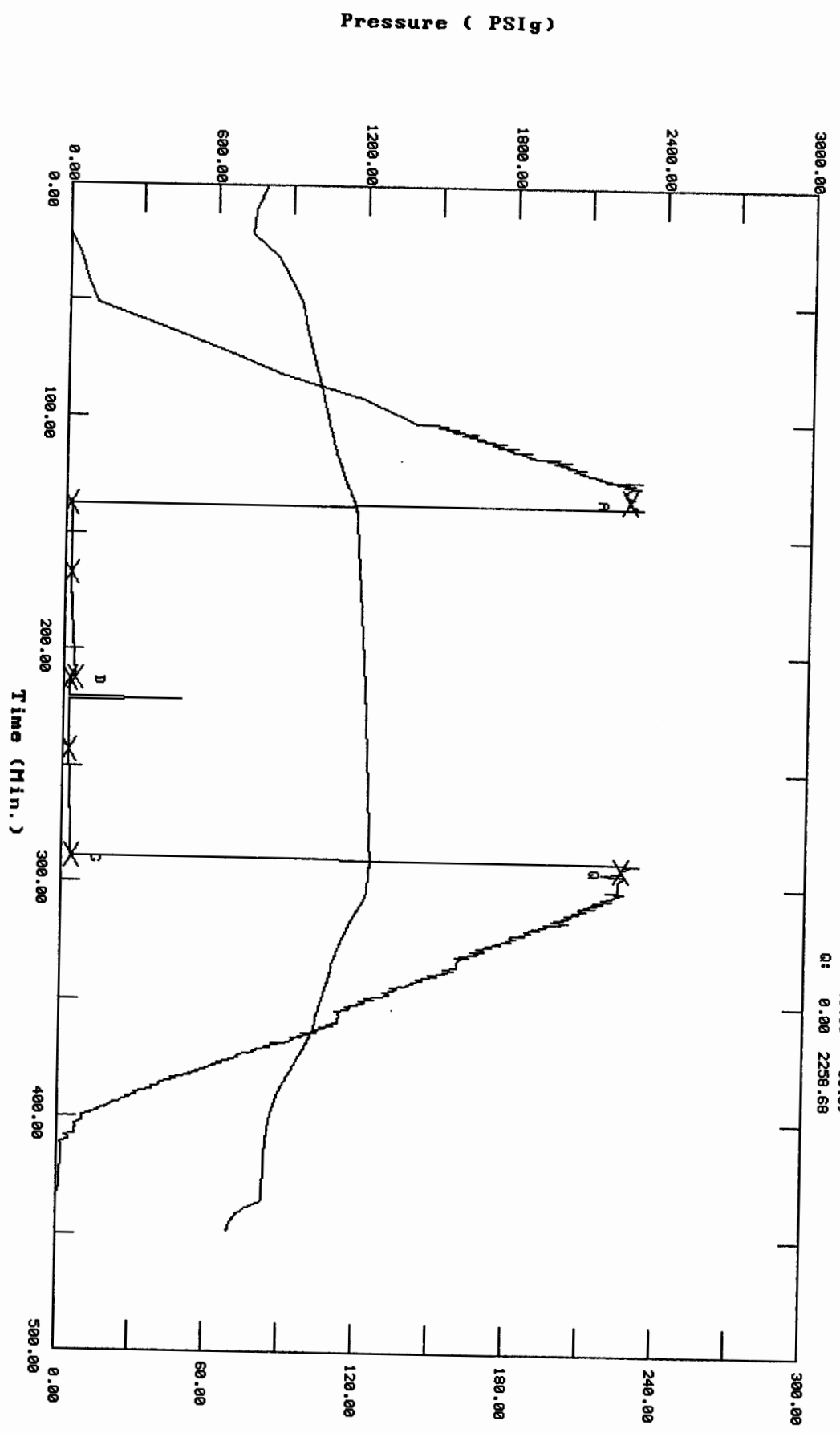
TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

P.O. SUB	4412
C.O. SUB	4534
S.I. TOOL	4539
HMV	4544
JARS	
SAFETY JOINT	4549
PACKER	4552
PACKER	4557
DEPTH	
ANCHOR 5'perf	4558
5' "	4563
5' "	4568
5' "	4573
5' "	4578
Alpine@4560	4583
Ak-1 @4565	
5'perf	4588
5' "	4593
4' "	4597
BULLNOSE 3'bullplug	4600
T.D.	4600

TEST HISTORY

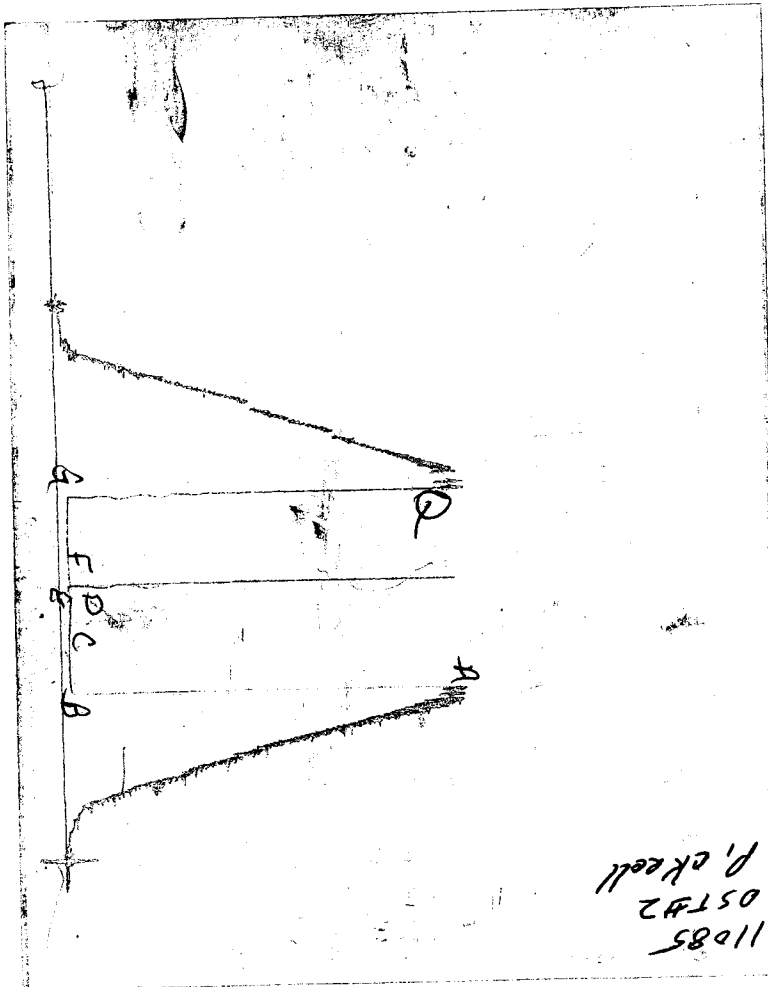
13778 DST#2 Carpenter Trust #1-C Pickrell Drilling Co., Inc.



Flag Points
{(Min.)} P{ PSIg}

Temperature (DEG F)

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

No 13778

Test Ticket

Well Name & No. <u>CARPENTER Trust #1-C</u>		Test No. <u>2</u>	Date <u>6-9000</u>
Company <u>Pickrell Orlg Co., Inc.</u>		Zone Tested <u>Johnson 2N</u>	
Address <u>110 N. MARKET, SUITE 205 WICHITA, KS 67202</u>		Elevation <u>2974</u> KB <u>2969</u> GL	
Co. Rep / Geo. <u>Arden Ratcliff</u>		Cont. <u>Pickrell sig 10</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>11</u>	Twp. <u>18^s</u>	Rge. <u>22^w</u>	Co. <u>SCOTT</u> State <u>Ks</u>
No. of Copies <u>19</u>	Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u>	Evaluation (Y, N) <u>-</u>

Interval Tested <u>4557 - 4600</u>	Initial Str Wt./Lbs. <u>60000</u>	Unseated Str Wt./Lbs. <u>60000</u>
Anchor Length <u>43</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>80000</u>
Top Packer Depth <u>4552</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>4557</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>4600</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>180</u>
Mud Wt. <u>9.4</u> LCM <u>-</u> Vis. <u>4.5</u> WL <u>10.4</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4375</u>
Blow Description <u>IFP - Very Weak Blow, died in 5 min</u> <u>FFP - NO Blow, Flushed Tool.</u>		

Recovery — Total Feet <u>5</u>	GIP <u>-</u>	Ft. in DC <u>5</u>	Ft. in DP <u>-</u>
Rec. <u>5</u> Feet Of <u>Mud</u>	%gas	%oil	%water %mud
Rec. <u>-</u> Feet Of <u>w/show of oil</u>	%gas	%oil	%water %mud
Rec. <u>-</u> Feet Of <u>-</u>	%gas	%oil	%water %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>124</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	Chlorides <u>3600</u>	ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2295</u>	<u>2268</u>	<u>3027</u>	<u>2630</u>
(B) First Initial Flow Pressure	<u>33</u>	<u>17</u>	(depth) <u>4560</u>	T-Started <u>2219</u>
(C) First Final Flow Pressure	<u>33</u>	<u>20</u>	PSI Recorder No. <u>11085</u>	T-Open <u>0037</u>
(D) Initial Shut-In Pressure	<u>55</u>	<u>45</u>	(depth) <u>4565</u>	T-Pulled <u>0307</u>
(E) Second Initial Flow Pressure	<u>44</u>	<u>21</u>	PSI Recorder No. <u>-</u>	T-Out <u>0549</u>
(F) Second Final Flow Pressure	<u>44</u>	<u>21</u>	(depth) <u>-</u>	T-Off Location <u>0645</u>
(G) Final Shut-in Pressure	<u>44</u>	<u>36</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700</u>
(Q) Final Hydrostatic Mud	<u>2284</u>	<u>2258</u>	PSI Initial Shut-in <u>45</u>	Jars <u>-</u>
			Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
			Final Shut-in <u>45</u>	Straddle <u>-</u>
				Circ. Sub <u>-</u>
				Sampler <u>-</u>
				Extra Packer <u>-</u>
				Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
				Mileage <u>-</u>
				Other <u>-</u>
				TOTAL PRICE \$ <input checked="" type="checkbox"/> <u>900</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 Arden Ratcliff
 Our Representative RAY SCHWAGER THANK YOU