

TRILOBITE TESTING L.L.C.

OPERATOR : T.J. Resources
 WELL NAME: Gray #5
 LOCATION : 31-26s-8e Butler co KS
 INTERVAL : 2168.00 To 2178.00 ft

DATE 6-27-01
 KB 1546.00 ft
 GR 1541.00 ft
 TD 2178.00 ft
 TICKET NO: 14840
 FORMATION: KC
 TEST TYPE: CONVENTIONAL

RECEIVED
 JUN 12 2002
 DST #1
 KCC WICHITA

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10991	10991				PF Fr. 1113 to 1143 hr
SI 60 Range(Psi)	4200.0	4200.0	0.0	0.0	0.0	IS Fr. 1143 to 1243 hr
SF 30 Clock(hrs)	12	12				SF Fr. 1243 to 1313 hr
FS 60 Depth(ft)	2170.0	2170.0	0.0	0.0	0.0	FS Fr. 1313 to 1413 hr

	Field	1	2	3	4	
A. Init Hydro	991.0	981.0	0.0	0.0	0.0	T STARTED 0900 hr
B. First Flow	21.0	9.0	0.0	0.0	0.0	T ON BOTM 1110 hr
B1. Final Flow	21.0	9.0	0.0	0.0	0.0	T OPEN 1113 hr
C. In Shut-in	618.0	599.0	0.0	0.0	0.0	T PULLED 1413 hr
D. Init Flow	21.0	27.0	0.0	0.0	0.0	T OUT 1615 hr
E. Final Flow	21.0	10.0	0.0	0.0	0.0	
F. Fl Shut-in	628.0	593.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1023.0	962.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	I	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 40000.00 lbs
						Initial Str Wt 38000.00 lbs
						Unseated Str Wt 38000.00 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 310.00 ft
						D.P. Length 1855.00 ft

RECOVERY

Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
 15.00 ft of Very slightly oil cut mud
 0.00 ft of 1% oil 99% 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
 Initial Shut-In:
 Bled down 5 minutes. No blow back.
 Final Flow:
 Dead blow
 Final Shut-In:
 No blow back.

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	32.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	104.00 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	Darren Amerine
Co. Rep.	Bill Jackson
Contr.	C & G
Rig #	1
Unit #	
Pump T.	

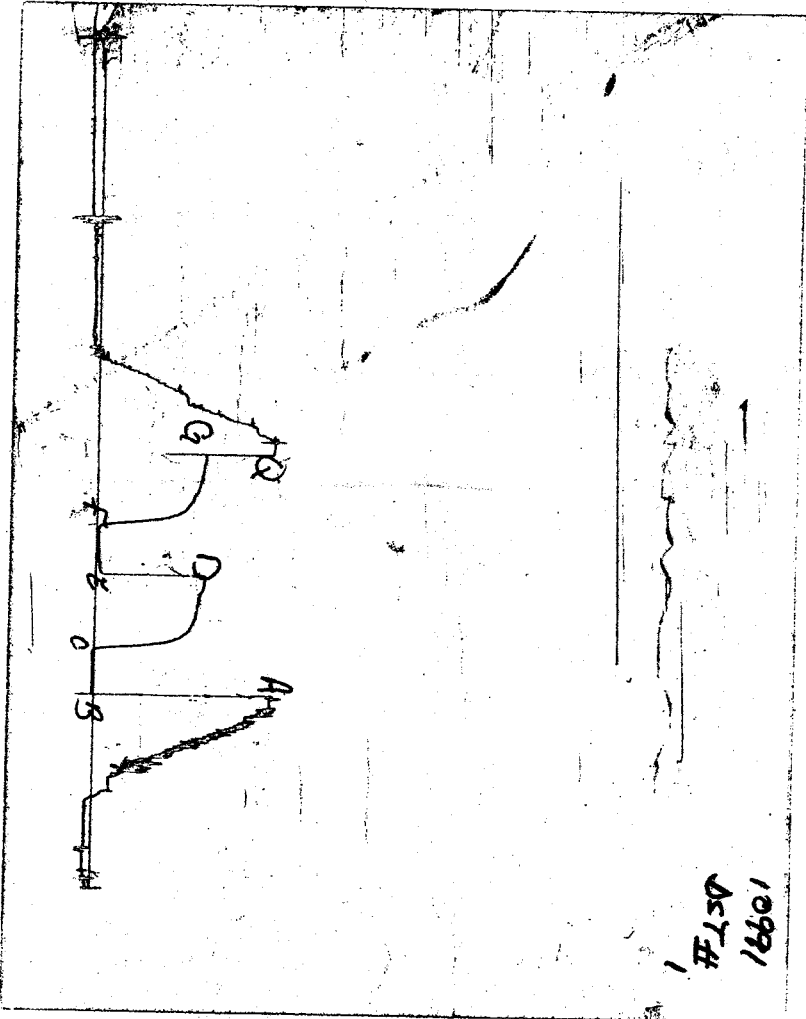
SAMPLES:

SENT TO:

Test Successful: Y

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

RECEIVED
JUN 12 2001
KCCO WICHITA

No. 14840

Test Ticket

Well Name & No. Gray #5 Test No. #1 Date 06/27/01
 Company T.J. Resources 125 W. 8th Zone Tested (XC) 120 zone
 Address Box 1330 Lawrence, KS 66044 Elevation 1546 KB/1541 GL
 Co. Rep/ Geo. Bill Jackson Cont. CEG #1 Est. Ft. of Pay Por. %
 Location: Sec. 31 Twp. 26S Rge. 8E Co. Butler State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2168' - 2178' Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 10' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 4,000
 Top Packer Depth 2163' Tool Weight 2100
 Bottom Packer Depth 2168' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 2178' Wt. Pipe Run N/A Drill Collar Run 310'
 Mud Wt. 9.1 LCM ? Vis. 32 WL ? Drill Pipe Size 3 1/2 IF Ft. Run 1855'

Blow Description IF! Weak surface blow
IS! Bleed down 5 mins No blow back.
FF! Dead blow
FST! No blow back

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>15'</u> Feet Of <u>150CM</u>		<u>15'</u>	
		%gas <u>less 1%</u> %oil	%water <u>99</u> %mud
Rec. <u> </u> Feet Of <u> </u>		%gas <u> </u> %oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>		%gas <u> </u> %oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>		%gas <u> </u> %oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>		%gas <u> </u> %oil	%water <u> </u> %mud

BHT 104° °F Gravity °API D @ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides ? ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>991</u>		PSI Recorder No. <u>10991</u>	T-On Location <u>0700</u>
(B) First Initial Flow Pressure	<u>21</u>		PSI (depth) <u>2170'</u>	T-Started <u>0900</u>
(C) First Final Flow Pressure	<u>21</u>		PSI Recorder No. <u>13769</u>	T-Open <u>1113</u>
(D) Initial Shut-in Pressure	<u>618</u>		PSI (depth) <u>2175'</u>	T-Pulled <u>1413</u>
(E) Second Initial Flow Pressure	<u>21</u>		PSI Recorder No. <u> </u>	T-Out <u>1615</u>
(F) Second Final Flow Pressure	<u>21</u>		PSI (depth) <u> </u>	T-Off Location <u>1800</u>
(G) Final Shut-in Pressure	<u>628</u>		PSI Initial Opening <u>30</u>	Test <u>✓ 700</u>
(Q) Final Hydrostatic Mud	<u>1023</u>		PSI Initial Shut-in <u>60</u>	Jars <u> </u>
			Final Flow <u>30</u>	Safety Joint <u> </u>
			Final Shut-in <u>60</u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u> </u>
				Mileage <u>140</u>
				Other <u>1 hr 30</u>

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Approved By William Jackson

9:15