

WELL NAME: Connell 1-A
COMPANY: Rex Cambern
LOCATION: 1-28S-6E
Butler County Kansas
DATE: 10/28/97

TRILOBITE TESTING L.L.C.

OPERATOR : Rex Cambern
 WELL NAME: Connell 1-A
 LOCATION : 1-28S-6E Butler Co KS
 INTERVAL : 3179.00 To 3194.00 ft

DATE 10/27/97
 KB 1460.00 ft TICKET NO: 10704 DST #1
 GR 1455.00 ft FORMATION: Simpson Sand
 TD 3194.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13754	13754	13248			PF Fr. 0334 to 0404 hr
SI 45	Range(Psi)	7000.0	7000.0	4250.0	0.0	0.0	IS Fr. 0404 to 0449 hr
SF 45	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0449 to 0534 hr
FS 90	Depth(ft)	3182.0	3182.0	3191.0	0.0	0.0	FS Fr. 0534 to 0704 hr

	Field	1	2	3	4	
A. Init Hydro	1606.0	1665.0	0.0	0.0	0.0	T STARTED 0200 hr
B. First Flow	29.0	38.0	0.0	0.0	0.0	T ON BOTM 0315 hr
Bl. Final Flow	59.0	75.0	0.0	0.0	0.0	T OPEN 0334 hr
C. In Shut-in	344.0	361.0	0.0	0.0	0.0	T PULLED 0704 hr
D. Init Flow	88.0	107.0	0.0	0.0	0.0	T OUT 0930 hr
E. Final Flow	98.0	107.0	0.0	0.0	0.0	
F. Fl Shut-in	246.0	257.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1586.0	1596.0	0.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 54000.00 lbs
						Initial Str Wt 52000.00 lbs
						Unseated Str Wt 52000.00 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 240.00 ft
						D.P. Length 2919.00 ft

RECOVERY

Tot Fluid 140.00 ft of 140.00 ft in DC and 0.00 ft in DP
 417.00 ft of Gas in Pipe
 20.00 ft of Clean Gassy Oil
 0.00 ft of 10%gas 90%oil
 60.00 ft of Gassy Mud Cut Oil
 0.00 ft of 10%gas 20%mud 70%oil
 60.00 ft of Gassy Oil Cut Mud
 0.00 ft of 10%gas 20%oil 70%mud
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 38.00

BLOW DESCRIPTION

Initial Flow:
 Weak blow, building to 12" fair blow

Initial Shut In:

Final Flow:
 Weak blow, building to 1 1/2"

Final Shut In:

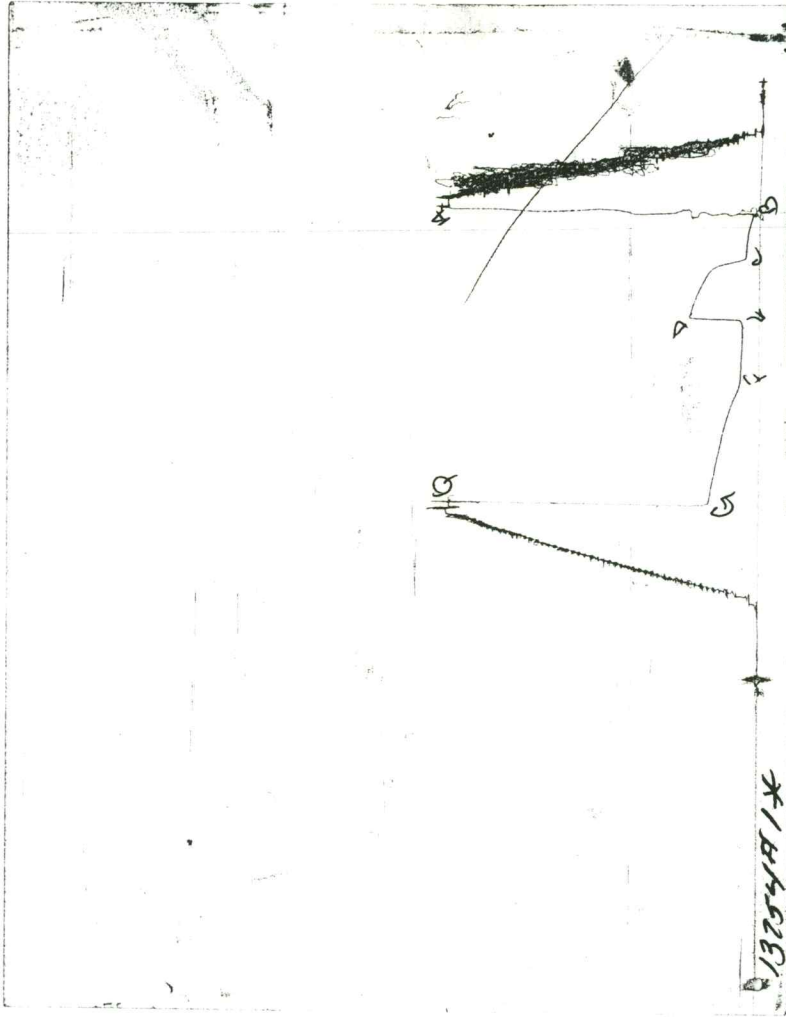
SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemcial
Weight	9.60 lb/cf
Vis.	43.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	108.00 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.	Bill Stout
Contr.	Berentz
Rig #	
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

No 10704

Well Name & No. Connell 1-A Test No. 1 Date 10-27-97
 Company Rex Cambern Zone Tested Simpson Sd
 Address 2332 N. Ridgely Cir. Wichita, Ks. 67205 Elevation 1460 KB 1455 GL
 Co. Rep / Geo. Bill Stout Cont. Berentz Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 1 Twp. 28 Rge. 6 Co. Butler State Ks.
 No. of Copies 3 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3179 - 3194 Initial Str Wt./Lbs. 54,000 Unseated Str Wt./Lbs. 54,000
 Anchor Length _____ 15" Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 54,000
 Top Packer Depth _____ 3174 Tool Weight 1000
 Bottom Packer Depth _____ 3179 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth _____ 3194 Wt. Pipe Run _____ Drill Collar Run 240
 Mud Wt. 9.6 LCM 3# Vis. 43 WL 10.4 Drill Pipe Size 4.5 XH Ft. Run 2919
 Blow Description I.F. Weak - building to 12" fair blow.

F.F. Weak - building to 1 1/2"

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>20</u> Feet Of <u>CGSYO</u>	<u>417</u>	<u>140</u>	
Rec. <u>60</u> Feet Of <u>G+MCO</u>		<u>10</u> %gas <u>90</u> %oil	%water %mud
Rec. <u>60</u> Feet Of <u>G+OCM</u>		<u>10</u> %gas <u>20</u> %oil	%water <u>20</u> %mud
Rec. _____ Feet Of _____		%gas %oil	%water %mud
Rec. _____ Feet Of _____		%gas %oil	%water %mud

BHT 108 °F Gravity _____ °API D@ _____ °F Corrected Gravity 38 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 800 ppm System

(A) Initial Hydrostatic Mud 1606 PSI Recorder No. 13254 T-Started 02:00
 (B) First Initial Flow Pressure 29 PSI (depth) 3182 T-Open 03:34
 (C) First Final Flow Pressure 59 PSI Recorder No. 13248 T-Pulled 07:04
 (D) Initial Shut-in Pressure 344 PSI (depth) 3191 T-Out 09:30
 (E) Second Initial Flow Pressure 88 PSI Recorder No. _____
 (F) Second Final Flow Pressure 98 PSI (depth) _____
 (G) Final Shut-in Pressure 246 PSI Initial Opening 30 Test 600
 (H) Final Hydrostatic Mud 1586 PSI Initial Shut-in 45 Jars _____
 Final Flow 45 Safety Joint X 50
 Final Shut-in 90 Straddle _____

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 Dan Rangle

Extra Packer _____
Elect. Rec. _____
Other _____
TOTAL PRICE \$ 650