

WELL NAME: Elsasser #5
COMPANY: Bennett & Schulte Oil Co
LOCATION: 23-12S-15W
Russell County Kansas
DATE: 06/09/97

TRILOBITE TESTING L.L.C.

OPERATOR : Bennett & Schulte Oil Co
 WELL NAME: Elsasser #5
 LOCATION : 23-12S-15W Russell Co KS
 INTERVAL : 3192.00 To 3246.00 ft

DATE 6/8/97

KB 1783.00 ft
 GR 1778.00 ft
 TD 3246.00 ft

TICKET NO: 10164 DST #1
 FORMATION: Arbuckle
 TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4
PF 30 Rec.	13754	13754	13249		
SI 30 Range(Psi)	4000.0	4000.0	4500.0	0.0	0.0
SF 0 Clock(hrs)	12 hr	12 hr	12 hr		
FS 0 Depth(ft)	3194.0	3194.0	3243.0	0.0	0.0

TIME DATA-----

PF Fr. 0505 to 0535 hr
 IS Fr. 0535 to 0605 hr
 SF Fr. to hr
 FS Fr. to hr

	Field	1	2	3	4
A. Init Hydro	1586.0	1600.0	0.0	0.0	0.0
B. First Flow	29.0	27.0	0.0	0.0	0.0
B1. Final Flow	29.0	27.0	0.0	0.0	0.0
C. In Shut-in	818.0	817.0	0.0	0.0	0.0
D. Init Flow	0.0	0.0	0.0	0.0	0.0
E. Final Flow	0.0	0.0	0.0	0.0	0.0
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0
G. Final Hydro	1566.0	1552.0	0.0	0.0	0.0
Inside/Outside	0	0	I		

T STARTED 0305 hr
 T ON BOTM 0500 hr
 T OPEN 0500 hr
 T PULLED 0605 hr
 T OUT 0745 hr

TOOL DATA-----

Tool Wt. 1000.00 lbs
 Wt Set On Packer 20000.00 lbs
 Wt Pulled Loose 45000.00 lbs
 Initial Str Wt 42000.00 lbs
 Unseated Str Wt 42000.00 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 3172.00 ft

RECOVERY

Tot Fluid 15.00 ft of 0.00 ft in DC and 15.00 ft in DP
 15.00 ft of Mud with oil spots
 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

BLOW DESCRIPTION

Initial Flow:
 Weak decreasing to surface blow

MUD DATA-----

Mud Type Chemical
 Weight 9.10 lb/c
 Vis. 44.00 S/L
 W.L. 9.20 in3
 F.C. 0.00 in
 Mud Drop

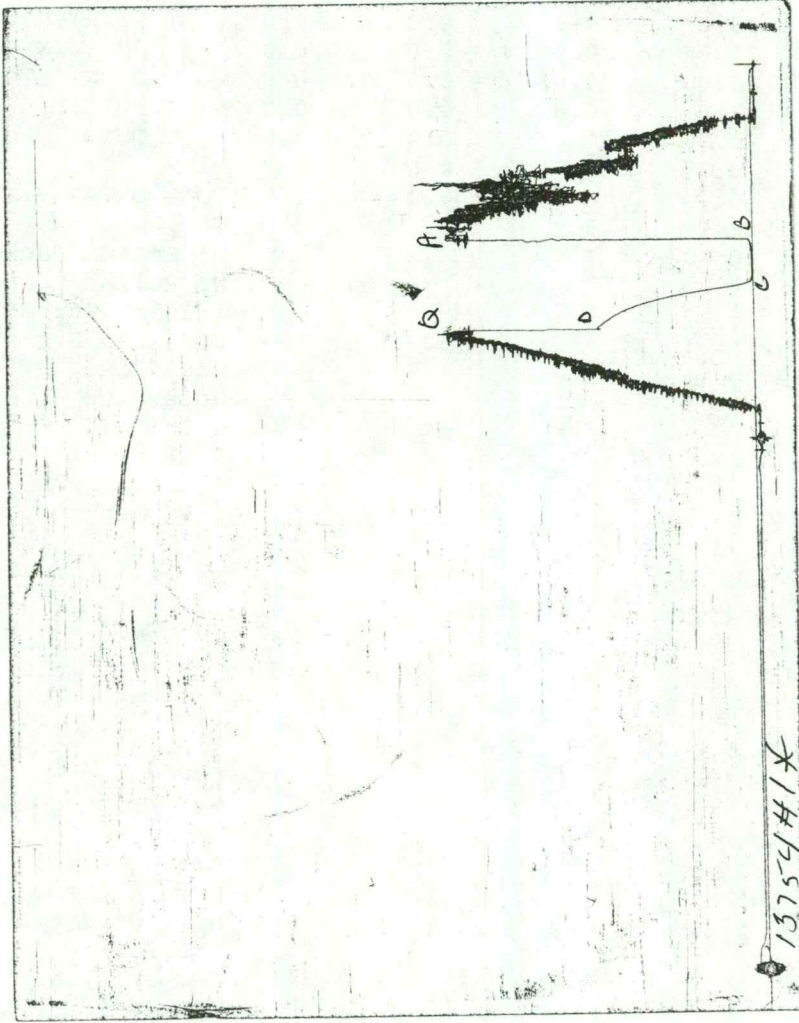
Amt. of fill 0.00 ft
 Btm. H. Temp. 96.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased

SAMPLES:
 SENT TO:

Tester Dan Bangle
 Co. Rep. Dave Shumaker
 Contr. Vonfeldt
 Rig # 1
 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 10164

Well Name & No. Elsasser #5 Test No. 1 Date 6-8-97
Company Bennett & Schulte Oil Co. Zone Tested Arbuckle
Address Box 329, Russell, Ks. 67665 Elevation 1783 KB 1778 GL
Co. Rep / Geo. David Shumaker Cont. Vonfeldt #1 Est. Ft. of Pay Por. %
Location: Sec. 23 Twp. 12 Rge. 15 Co. Russell State Ks.
No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3192 - 3246 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 42,000
Anchor Length 54 Wt. Set Lbs. 29,000 Wt. Pulled Loose/Lbs. 45,000
Top Packer Depth 3187 Tool Weight 1000
Bottom Packer Depth 3192 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 3246 Wt. Pipe Run Drill Collar Run
Mud Wt. 9.1 LCM 15# Vis. 44 WL 9.2 Drill Pipe Size 4.5xH Ft. Run 3172
Blow Description I.F. Weak-decreasing to surface blow

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>15</u>	<u> </u>	<u> </u>	<u>15</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Rec. <u>15</u> Feet Of <u>Mud w/ oil spots</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
Rec. <u> </u> Feet Of <u> </u>				%gas	%oil	%water	%mud

BHT 96 °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 6,000 ppm System
(A) Initial Hydrostatic Mud 1586 PSI Recorder No. 13754 T-Started 03:50
(B) First Initial Flow Pressure 29 PSI (depth) 3194 T-Open 05:05
(C) First Final Flow Pressure 29 PSI Recorder No. 13249 T-Pulled 06:05
(D) Initial Shut-in Pressure 818 PSI (depth) 3243 T-Out 07:45
(E) Second Initial Flow Pressure PSI Recorder No.
(F) Second Final Flow Pressure PSI (depth)
(G) Final Shut-in Pressure PSI Initial Opening 30 Test 600
(H) Final Hydrostatic Mud 1566 PSI Initial Shut-in 30 Jars

Final Flow Safety Joint
Final Shut-in Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elect. Rec.
 Other

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 David Shumaker

TOTAL PRICE \$ 600