

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SCHULTZ A-1 Test No. 1 Date 12/15/93
Company RUSSELL OIL, INC. Zone LKC-"A-B"
Address P.O. BOX 272 RUSSELL KS 67665 Elevation _____
Co. Rep./Geo. FRANCIS WHISLER Cont. SHIELDS DRLG Est. Ft. of Pay _____
Location: Sec. 24 Twp. 10S Rge. 12W Co. OSBORNE State KS

Interval Tested 2910-2942
Anchor Length 32
Top Packer Depth 2905
Bottom Packer Depth 2910
Total Depth 2942

Drill Pipe Size 4.5" FH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run _____
Mud Wt. 9.1 lb/Gal.
Viscosity 43 Filtrate 9.2

Tool Open @ 9:57 AM Initial Blow WEAK SURFACE BLOW

Final Blow VERY WEAK SURFACE BLOW - DIED IN 20 MINUTES

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of THIN MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 102 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1785.2 PSI AK1 Recorder No. 24174 Range 3925

(B) First Initial Flow Pressure 42.9 PSI @ (depth) 2939 w / Clock No. 22336

(C) First Final Flow Pressure 34.7 PSI AK1 Recorder No. 22150 Range 3925

(D) Initial Shut-in Pressure 1064.2 PSI @ (depth) 2916 w / Clock No. 27566

(E) Second Initial Flow Pressure 54.1 PSI AK1 Recorder No. _____ Range _____

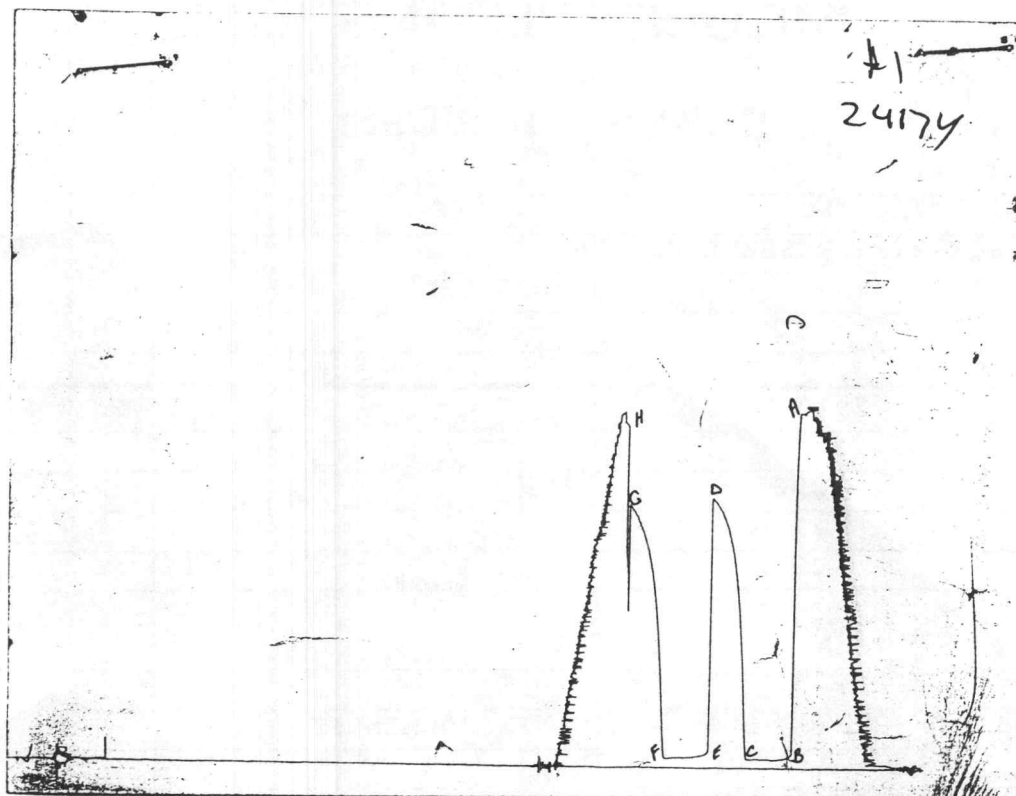
(F) Second Final Flow Pressure 34.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1034.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1768.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1773	1785.2
(B) FIRST INITIAL FLOW PRESSURE	30	42.9
(C) FIRST FINAL FLOW PRESSURE	37	34.7
(D) INITIAL CLOSED-IN PRESSURE	1062	1064.2
(E) SECOND INITIAL FLOW PRESSURE	37	54.1
(F) SECOND FINAL FLOW PRESSURE	37	34.7
(G) FINAL CLOSED-IN PRESSURE	1024	1034.7
(H) FINAL HYDROSTATIC MUD	1758	1768.9