

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name CALVERT #3 Test No. 1 Date 12/1/93
Company BENNET & SCHULTE OIL COMPANY Zone LKC
Address P O BOX 329 RUSSELL KS 67665 Elevation 2226 KB
Co. Rep./Geo. DAVE SHUMAKER Cont. EMPHASIS OIL OPER RIG #6 Est. Ft. of Pay _____
Location: Sec. 5 Twp. 12S Rge. 20W Co. ELLIS State KS

Interval Tested <u>3552-3580</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>28</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>3547</u>	Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth <u>3552</u>	Mud Wt. <u>9</u> lb/Gal.
Total Depth <u>3580</u>	Viscosity <u>43</u> Filtrate <u>8</u>

Tool Open @ 2:18 PM Initial Blow WEAK 1/8" BLOW DIED IN 16 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec. <u>5</u> Feet of <u>MUD</u>	
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 1775.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 35.3 PSI @ (depth) 3554 w / Clock No. 26191

(C) First Final Flow Pressure 44.2 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 673.1 PSI @ (depth) 3579 w / Clock No. 30401

(E) Second Initial Flow Pressure 45.3 PSI AK1 Recorder No. _____ Range _____

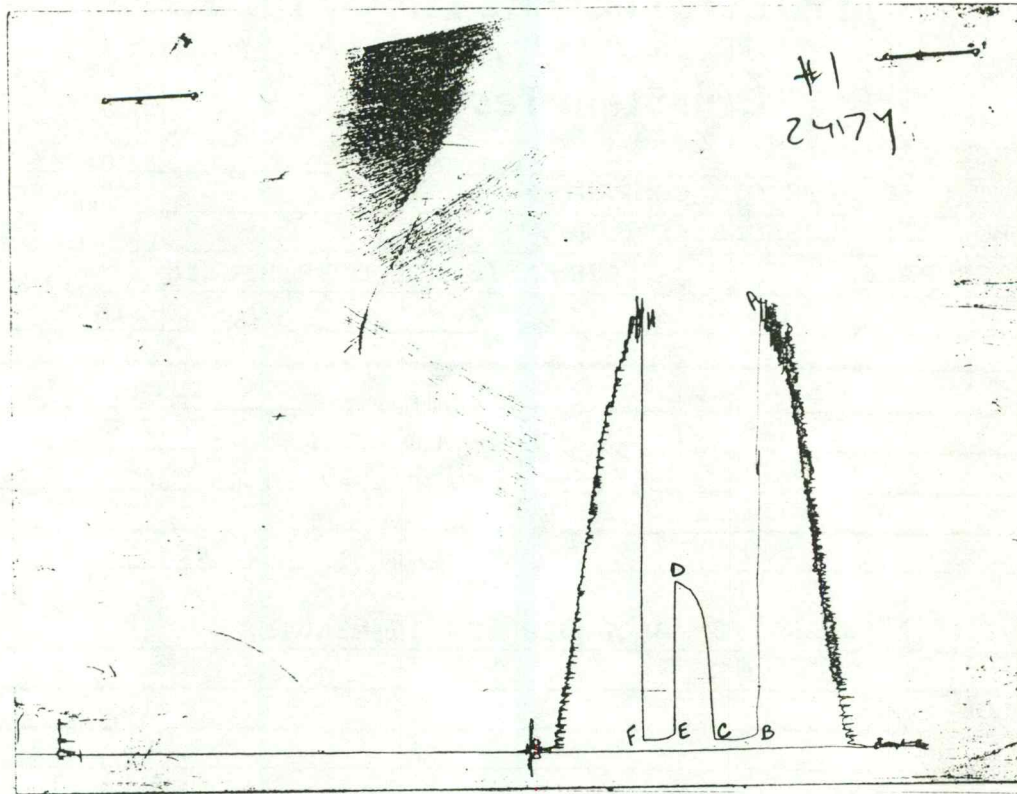
(F) Second Final Flow Pressure 46.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 20

(H) Final Hydrostatic Mud 1764.2 PSI Initial Shut-in 30 Final Shut-in _____

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1773	1775.3
(B) FIRST INITIAL FLOW PRESSURE	30	35.3
(C) FIRST FINAL FLOW PRESSURE	37	44.2
(D) INITIAL CLOSED-IN PRESSURE	667	673.1
(E) SECOND INITIAL FLOW PRESSURE	37	45.3
(F) SECOND FINAL FLOW PRESSURE	37	46.4
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1758	1764.2