

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1-21 FLETCHER Test No. 1 Date 9/13/92
Company BEREXCO INC Zone MERAMEC
Address 970 4th FINANCIAL CNTR WICHITA KS 67202 Elevation 2902
Co. Rep./Geo. CHARLIE SPRADLIN Cont. BEREDCO RIG #4 Est. Ft. of Pay 6
Location: Sec. 21 Twp. 23S Rge. 37W Co. FINNEY State KS

Interval Tested <u>4805-4860</u>	Drill Pipe Size <u>4.5 XH</u>
Anchor Length <u>55</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4800</u>	Drill Collar - 2.25 Ft. Run <u>586</u>
Bottom Packer Depth <u>4805</u>	Mud Wt. <u>8.9</u> lb/Gal.
Total Depth <u>4860</u>	Viscosity <u>60</u> Filtrate <u>8</u>

Tool Open @ 8:00 AM Initial Blow WEAK BLOW 3/4" DECREASED TO SURFACE BLOW
Final Blow NO BLOW

Recovery - Total Feet 20 Flush Tool? NO

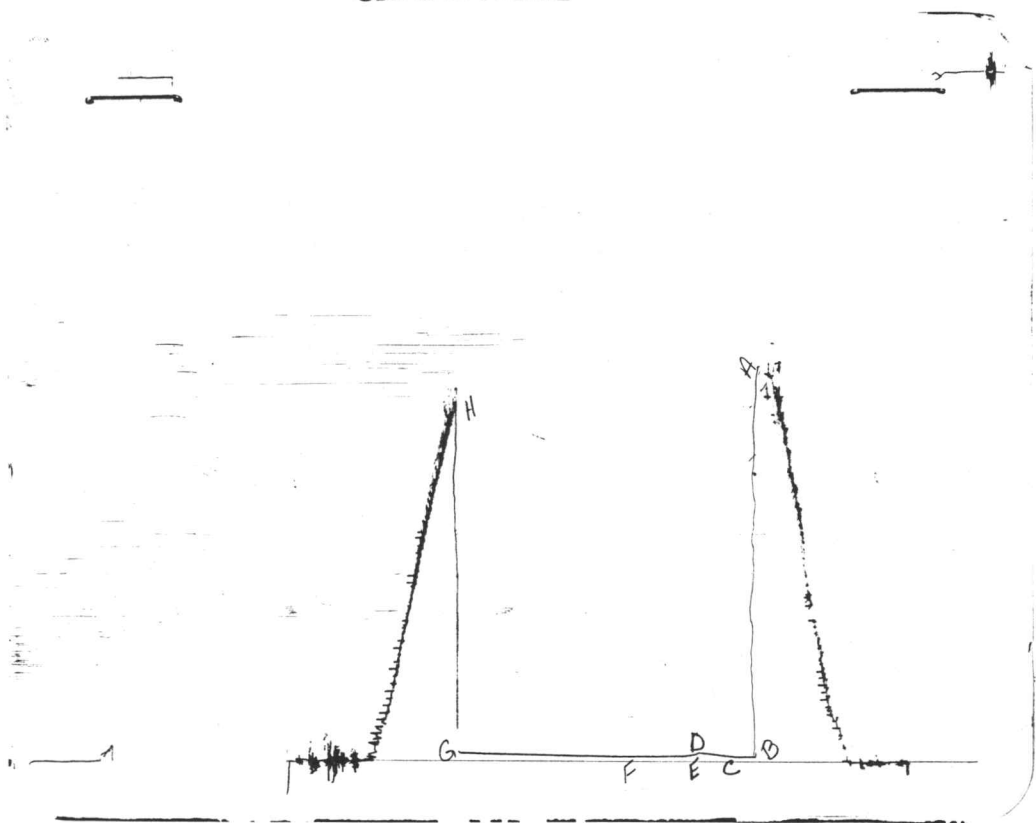
Rec. 20 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 1.6 @ 90 °F Chlorides 2900 ppm Recovery Chlorides 2800 ppm System

(A) Initial Hydrostatic Mud <u>2186.3</u> PSI	AK1 Recorder No. <u>13309</u> Range <u>4700</u>
(B) First Initial Flow Pressure <u>15.1</u> PSI	@ (depth) <u>4815</u> w / Clock No. <u>27566</u>
(C) First Final Flow Pressure <u>15.1</u> PSI	AK1 Recorder No. <u>13615</u> Range <u>4575</u>
(D) Initial Shut-in Pressure <u>36.9</u> PSI	@ (depth) <u>4857</u> w / Clock No. <u>25810</u>
(E) Second Initial Flow Pressure <u>22.8</u> PSI	AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure <u>22.8</u> PSI	@ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure <u>25.4</u> PSI	Initial Opening <u>15</u> Final Flow <u>60</u>
(H) Final Hydrostatic Mud <u>2150.7</u> PSI	Initial Shut-in <u>30</u> Final Shut-in <u>120</u>

Our Representative JOHN REIDL

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2180	2186.3
(B) FIRST INITIAL FLOW PRESSURE	14	15.1
(C) FIRST FINAL FLOW PRESSURE	14	15.1
(D) INITIAL CLOSED-IN PRESSURE	37	36.9
(E) SECOND INITIAL FLOW PRESSURE	22	22.8
(F) SECOND FINAL FLOW PRESSURE	22	22.8
(G) FINAL CLOSED-IN PRESSURE	24	25.4
(H) FINAL HYDROSTATIC MUD	2157	2150.7