

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FRIESEN TRUST #1 Test No. 1 Date 8/6/94
Company CHARTER PRODUCTION COMPANY Zone COUNCIL GROV
Address 142 NORTH MOSLEY WICHITA KS 67202 Elevation 2467
Co. Rep./Geo. TYLER SANDERS Cont. BEREDCO #1 Est. Ft. of Pay 6
Location: Sec. 1 Twp. 34S Rge. 28W Co. MEADE State KS

Interval Tested	<u>3096-3172</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>76</u>	Wt. Pipe I.D. - 2.7 Ft. Run	<u>551</u>
Top Packer Depth	<u>3091</u>	Drill Collar - 2.25 Ft. Run	<u>8.8</u>
Bottom Packer Depth	<u>3096</u>	Mud Wt.	<u>48</u> lb/Gal.
Total Depth	<u>3172</u>	Viscosity	<u>24.0</u>

Tool Open @ 7:35 P.M. Initial Blow SLID TOOL 10 FT-FAIR BLOW BOTTOM IN 20 MIN

Final Blow NO BLOW FOR 5 MIN VERY WEAK SURFACE BLOW BUILD TO 4 MIN

Recovery - Total Feet 520 Flush Tool? NO

Rec. <u>270</u>	Feet of <u>DRILLING MUD 100% MUD</u>
Rec. <u>250</u>	Feet of <u>SALT WATER 100% WATER</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 85 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.412 @ 77 °F Chlorides 85000 ppm Recovery Chlorides 18000 ppm System

(A) Initial Hydrostatic Mud 1607.5 PSI AK1 Recorder No. 5495 Range 4200

(B) First Initial Flow Pressure 38.3 PSI @ (depth) 3099 w / Clock No. _____

(C) First Final Flow Pressure 127.8 PSI AK1 Recorder No. 11038 Range 5075

(D) Initial Shut-in Pressure 789.4 PSI @ (depth) 3169 w / Clock No. _____

(E) Second Initial Flow Pressure 161.0 PSI AK1 Recorder No. _____ Range _____

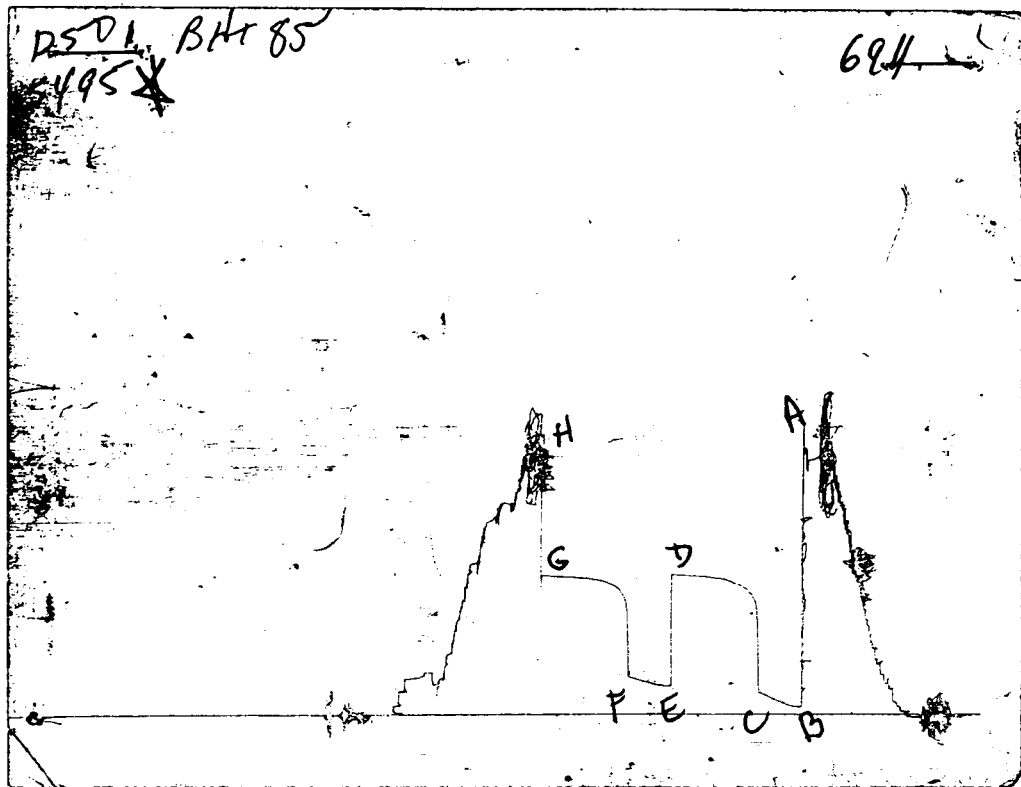
(F) Second Final Flow Pressure 222.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 787.3 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1567.4 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative ROBERT COLLINS

CHART PAGE



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1616	1607.5
(B) FIRST INITIAL FLOW PRESSURE	56	38.3
(C) FIRST FINAL FLOW PRESSURE	123	127.8
(D) INITIAL CLOSED-IN PRESSURE	780	789.4
(E) SECOND INITIAL FLOW PRESSURE	156	161
(F) SECOND FINAL FLOW PRESSURE	200	222.7
(G) FINAL CLOSED-IN PRESSURE	780	787.3
(H) FINAL HYDROSTATIC MUD	1552	1567.4