

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BARBEE #1-23 Test No. 1 Date 1/6/95
Company HUGOTON ENERGY CORP Zone ST. LOUIS
Address 301 N. MAIN, SUITE 1900, WICHITA, KS 67202 Elevation 2964
Co. Rep./Geo. WES HANSEN Cont. MURFIN DRILLING Est. Ft. of Pay 8
Location: Sec. 23 Twp. 28S Rge. 33W Co. HASKELL State KS

Interval Tested 5520-5570 Drill Pipe Size 4.5" XH
Anchor Length 50 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5515-5520 Drill Collar - 2.25 Ft. Run 500
Bottom Packer Depth 5570 Mud Wt. 9.0 lb/Gal.
Total Depth 5700 Viscosity 49 Filtrate 8.4

Tool Open @ 12:30PM Initial Blow WEAK BLOW BUILT TO 7-1/2" INTO BUCKET. INITIAL SHUT
IN: BLED OFF - NO BLOW BACK.
Final Blow WEAK BLOW. DIED OUT AT THE END OF OPENING. FLUSHED TOOL
TO SEE IF IT WAS PLUGGED.

Recovery - Total Feet 410 Flush Tool? YES

Rec. 410 Feet of DRILLING MUD. 100% MUD.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 128 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2,500 ppm System

(A) Initial Hydrostatic Mud 2751.1 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 100.0 PSI @ (depth) 5523 w / Clock No. 22347

(C) First Final Flow Pressure 200.0 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 1513.0 PSI @ (depth) 5563 w / Clock No. 21048

(E) Second Initial Flow Pressure 268.9 PSI AK1 Recorder No. 2023 Range 4000

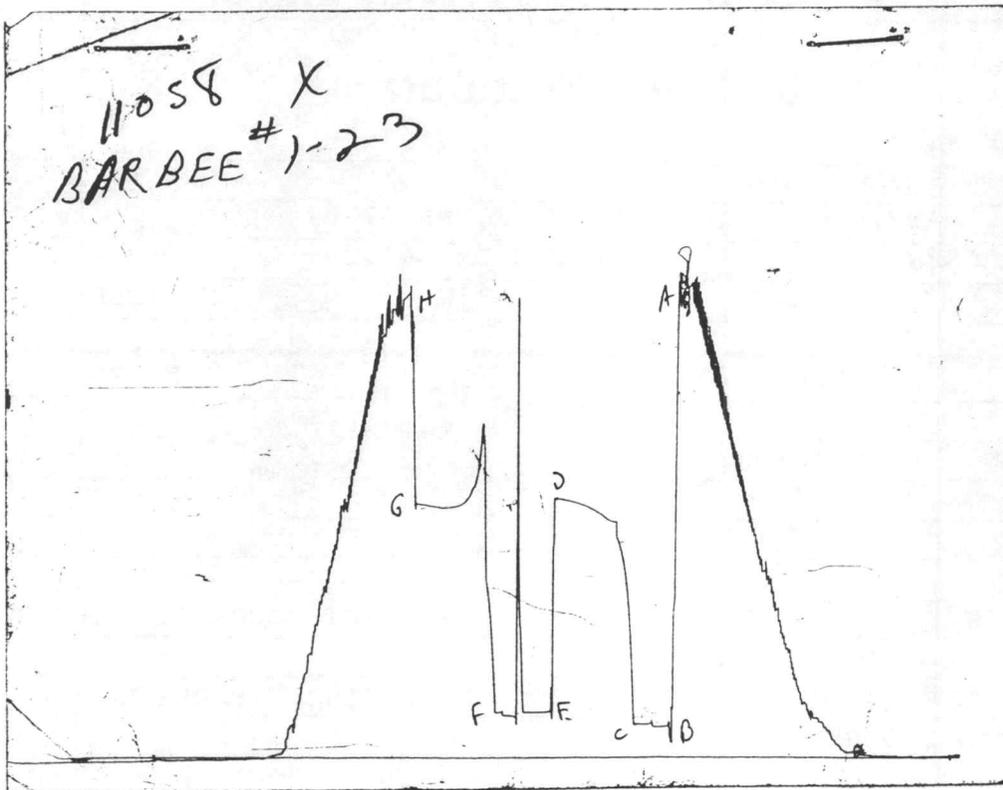
(F) Second Final Flow Pressure 268.9 PSI @ (depth) 5697 w / Clock No. 7452

(G) Final Shut-in Pressure 1488.2 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2714.1 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HUGHES

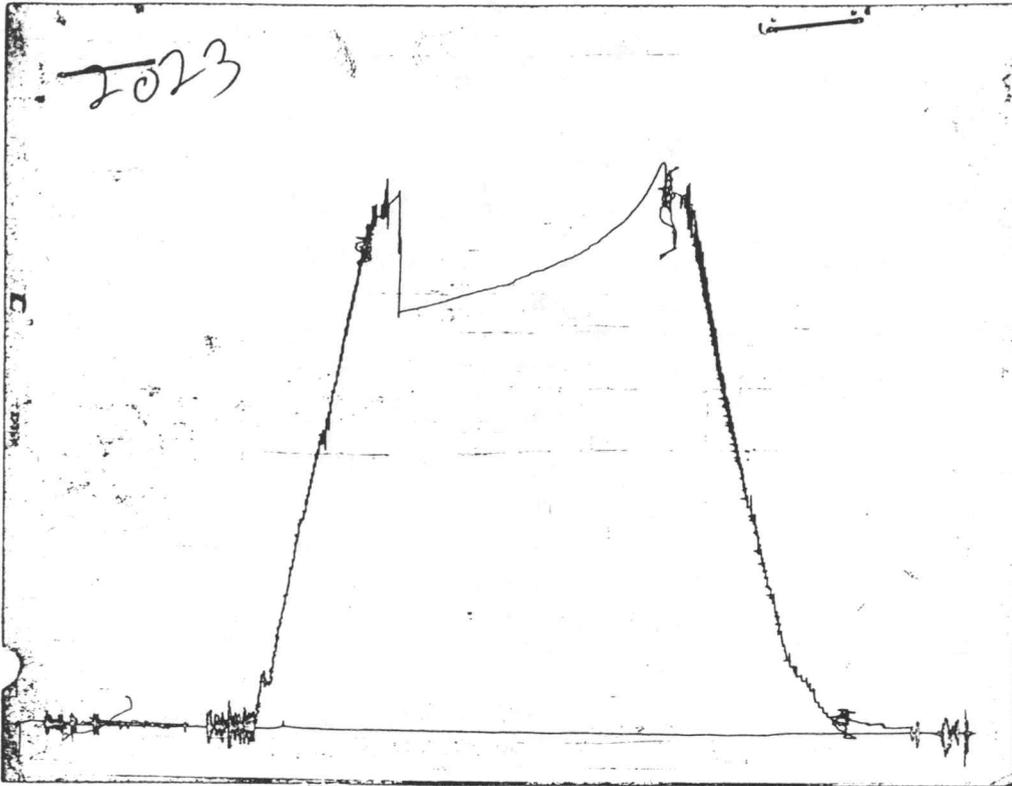
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2827	2751.1
(B) FIRST INITIAL FLOW PRESSURE	77	100
(C) FIRST FINAL FLOW PRESSURE	200	200
(D) INITIAL CLOSED-IN PRESSURE	1497	1513
(E) SECOND INITIAL FLOW PRESSURE	266	268.9
(F) SECOND FINAL FLOW PRESSURE	266	268.9
(G) FINAL CLOSED-IN PRESSURE	1475	1488.2
(H) FINAL HYDROSTATIC MUD	2715	2714.1

CHART PAGE



This is an actual photograph of recorder chart

FIELD
READING

OFFICE
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD