

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name KISNER 2-1 Test No. 1 Date 8/14/94
Company HUGOTON ENERGY CORP Zone ST LOUIS
Address 229 E WILLIAM #500 WICHITA KS 67202 Elevation 2893
Co. Rep./Geo. DICK STONEBURNER Cont. MURFIN RIG 20 Est. Ft. of Pay 8
Location: Sec. 1 Twp. 22S Rge. 33W Co. FINNEY State KS

Interval Tested 4908-4940 Drill Pipe Size 4.5" XH
Anchor Length 32 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4903-4908 Drill Collar - 2.25 Ft. Run 539
Bottom Packer Depth 4940 Mud Wt. 9.3 lb/Gal.
Total Depth 5015 Viscosity 49 Filtrate _____

Tool Open @ 1:01 Initial Blow GOOD BLOW OFF BOTTOM 1 MIN 45 SEC- NO BLOW SHUT-IN

Final Blow OFF BOTTOM IN 3 MIN 30 SEC-GAS IN WATER

Recovery - Total Feet 2650 Flush Tool? NO

Rec. 2650 Feet of WATER 100% WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 134 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.2 @ 73 °F Chlorides 33000 ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2384.6 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 156.9 PSI @ (depth) 4915 w / Clock No. 21048

(C) First Final Flow Pressure 751.1 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 1326.2 PSI @ (depth) 4935 w / Clock No. 25108

(E) Second Initial Flow Pressure 801.3 PSI AK1 Recorder No. 2023 Range 4000

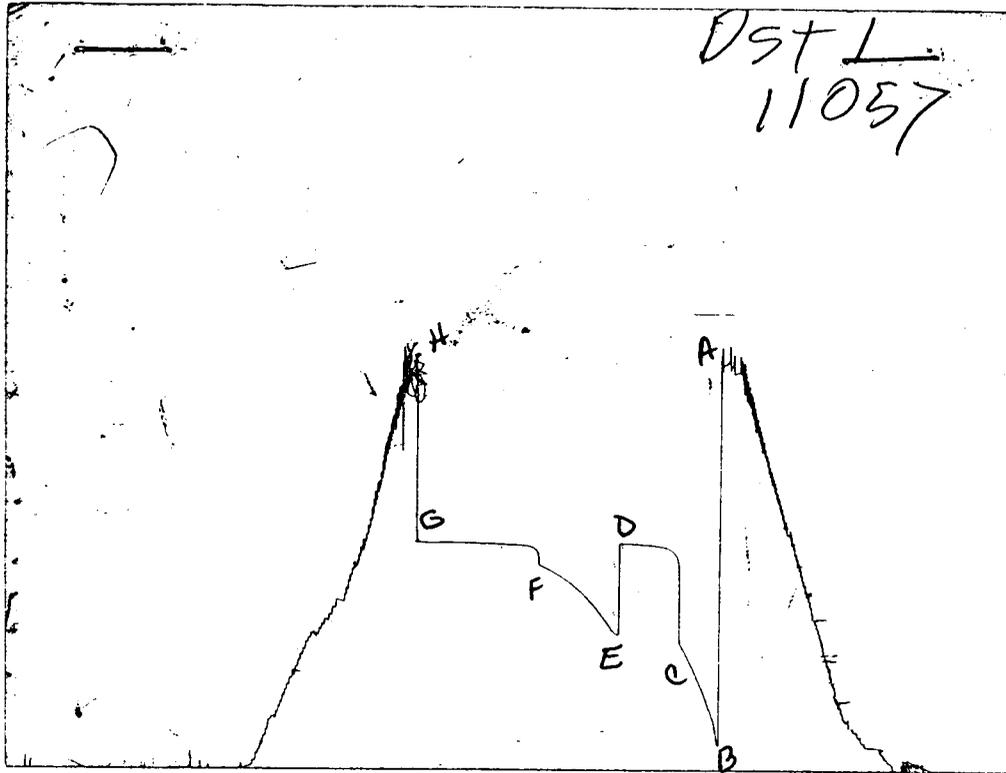
(F) Second Final Flow Pressure 1205.1 PSI @ (depth) 5010 w / Clock No. 7452

(G) Final Shut-in Pressure 1326.2 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2366.5 PSI Initial Shut-in 45 Final Shut-in 90

Our Representative MARK HERSKOWITZ

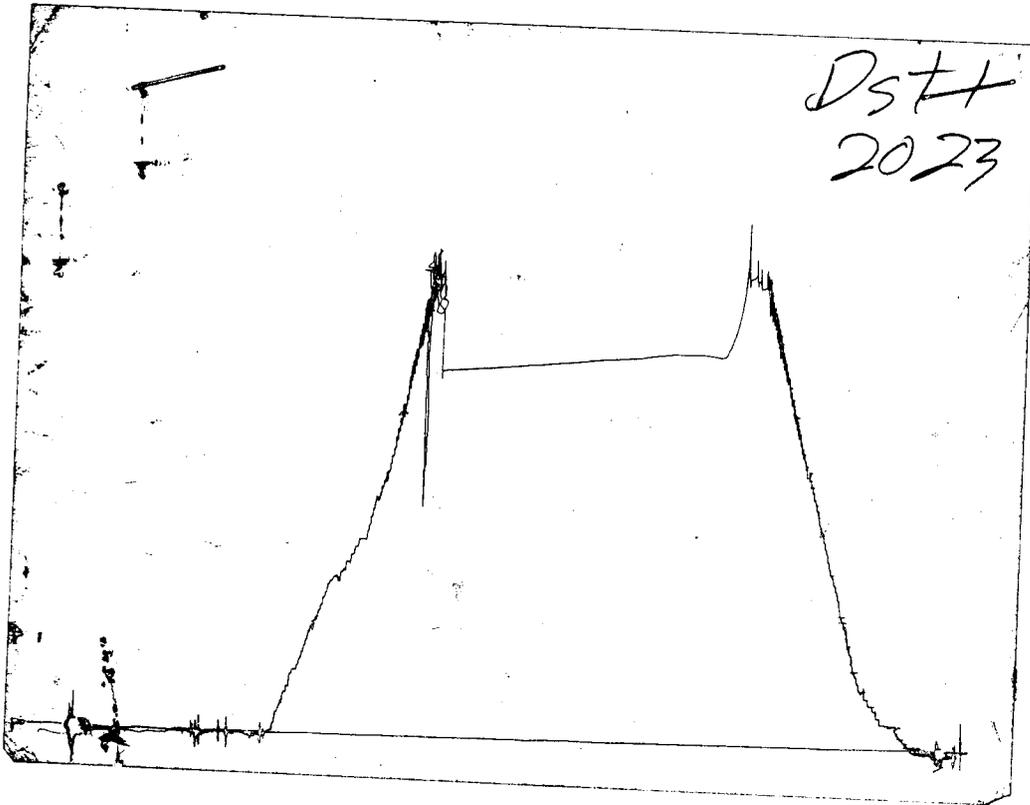
CHART PAGE



This is an actual photograph of recorder chart 11057

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2356	2384.6
(B) FIRST INITIAL FLOW PRESSURE	155	156.9
(C) FIRST FINAL FLOW PRESSURE	782	751.1
(D) INITIAL CLOSED-IN PRESSURE	1342	1326.2
(E) SECOND INITIAL FLOW PRESSURE	794	801.3
(F) SECOND FINAL FLOW PRESSURE	1197	1205.1
(G) FINAL CLOSED-IN PRESSURE	1342	1326.2
(H) FINAL HYDROSTATIC MUD	2322	2366.5

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