

TRILOBITE TESTING COMPANY *L.L.C.*

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name NICHEPOR #9 Test No. 1 Date 2/3/92
Company SCOTT LUTZ Zone Tested MISSISSIPPI
Address P.O. DRAWER D SHELL KNOB MO 65 Elevation 2600 K.B.
Co. Rep./Geo. RON NELSON Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
Location: Sec. 24 Twp. 16S Rge. 26W Co. NESS State KS

Interval Tested 4510-4542 Drill Pipe Size 4.5 XH
Anchor Length 32 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4510 Drill Collar — 2.25 Ft. Run _____
Bottom Packer Depth 4542
Total Depth 4585

Mud Wt. 9.2 lb / gal. Viscosity 51 Filtrate 10.6

Tool Open @ 2:05 PM Initial Blow WEAK-BUILDING TO 5"

Final Blow WEAK-BUILDING TO 1"

Recovery — Total Feet 100 Flush Tool? NO

Rec. 170 Feet of GAS IN PIPE

Rec. 20 Feet of CLEAN OIL

Rec. 20 Feet of MUD CUT OIL-75%OIL/25%MUD

Rec. 60 Feet of OIL CUT MUD-10%OIL/90%MUD

Rec. _____ Feet of _____
BHT 121 °F Gravity _____ °API @ _____ °F Corrected Gravity 34 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2396.3 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 35.2 PSI @ (depth) 4514 w/Clock No. 8179

(C) First Final Flow Pressure 35.2 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 625.4 PSI @ (depth) 4538 w/Clock No. 26199

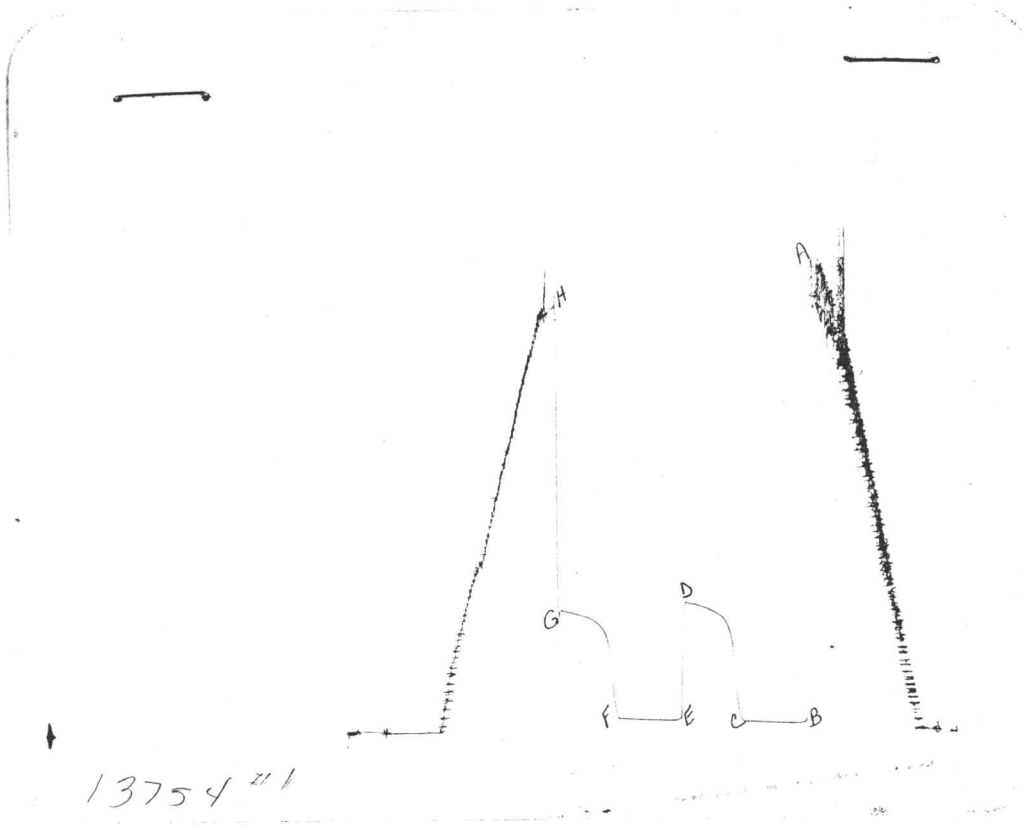
(E) Second Initial Flow Pressure 91.4 PSI AK1 Recorder No. 7437 Range 4200

(F) Second Final Flow Pressure 91.4 PSI @ (depth) 4581 w/Clock No. 26191

(G) Final Shut-in Pressure 590.7 PSI Initial Opening 45 Final Flow 45

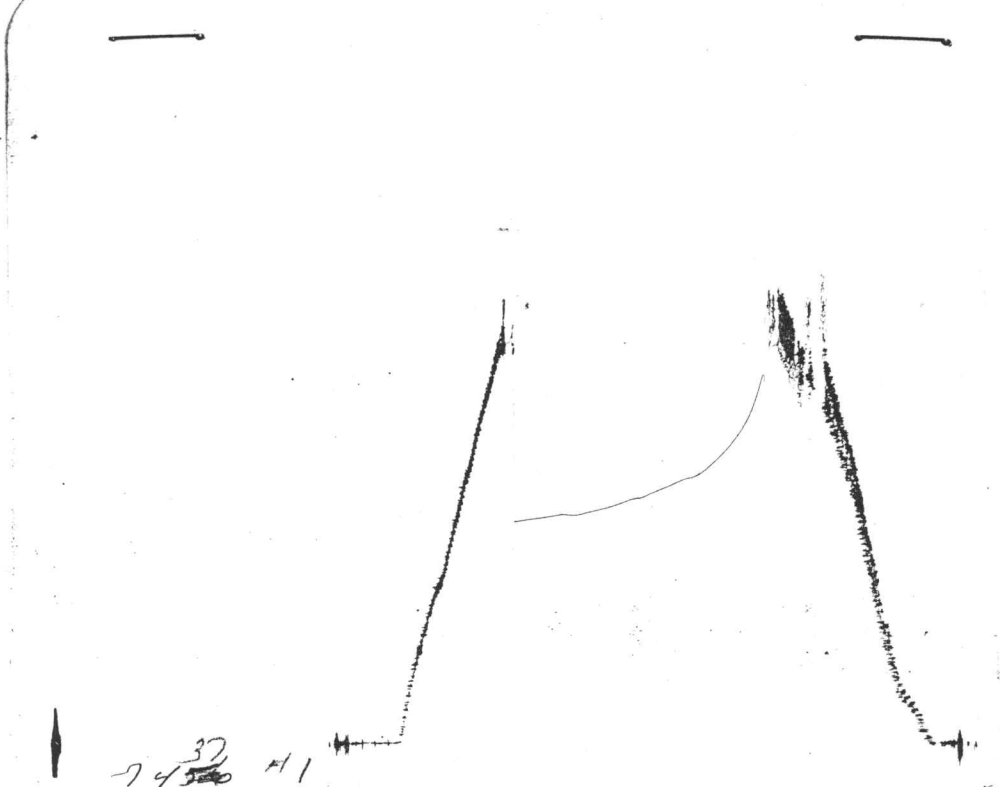
(H) Final Hydrostatic Mud 2240.6 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative DAN BANGLE TOTAL PRICE \$ 950



POINT This is an actual photograph of recorder chart PRESSURE

POINT	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2389	2396.3
(B) FIRST INITIAL FLOW PRESSURE	33	35.2
(C) FIRST FINAL FLOW PRESSURE	33	35.2
(D) INITIAL CLOSED-IN PRESSURE	621	625.4
(E) SECOND INITIAL FLOW PRESSURE	88	91.4
(F) SECOND FINAL FLOW PRESSURE	88	91.4
(G) FINAL CLOSED-IN PRESSURE	588	590.7
(H) FINAL HYDROSTATIC MUD	2235	2240.6



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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

