TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name LONG #3 Test No. 1 Date 1/26/95

Company KENNETH S. WHITE Zone MISSISSIPPI

Address 200 E. FIRST, SUITE 405, WICHITA, KS 67202 Elevation 1857

Co. Rep./Geo. TOM ROBINSON Cont. WHITE & ELLIS Est. Ft. of Pay

Location: Sec. 5 Twp. 26S Rge. 11W Co. PRATT State KS

Interval Tested 4250-4269 Drill Pipe Size 4.5" XH

Anchor Length 19 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4245 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4250 Mud Wt. 9 lb/Gal.

Total Depth 4269 Viscosity 56 Filtrate 8

Tool Open @ 5:20AM Initial Blow STRONG BLOW. BOTTOM OF BUCKET IN 1-2 SECONDS.

Final Blow STRONG BLOW. BOTTOM OF BUCKET IN 40 SECONDS.

GAS TO SURFACE IN 48 MINUTES INTO FINAL OPEN. TOO SMALL TO MEASURE.

Recovery - Total Feet 550 Flush Tool? NO

Rec. 3700 Feet of GAS IN PIPE.

Rec. 116 Feet of OIL CUT WATERY MUD. 18% OIL; 7% WATER; 75% MUD.

Rec. 124 Feet of SLIGHT OIL CUT MUDDY WTR. 3%OIL; 75% WTR; 22% MUD.

Rec. 310 Feet of SALT WATER WITH A FEW OIL SPECS. 100% WATER.

Rec. Feet of

BHT 111 °F Gravity °API @ °F Corrected Gravity °API

RW 0.14 @ 56 °F Chlorides 90,000 ppm Recovery Chlorides 8,500 ppm System

(A) Initial Hydrostatic Mud 2055.60 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 56.30 PSI @ (depth) 4266 w / Clock No. 27665

(C) First Final Flow Pressure 107.00 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1178.90 PSI @ (depth) 4261 w / Clock No. 23858

(E) Second Initial Flow Pressure 136.30 PSI AK1 Recorder No. Range

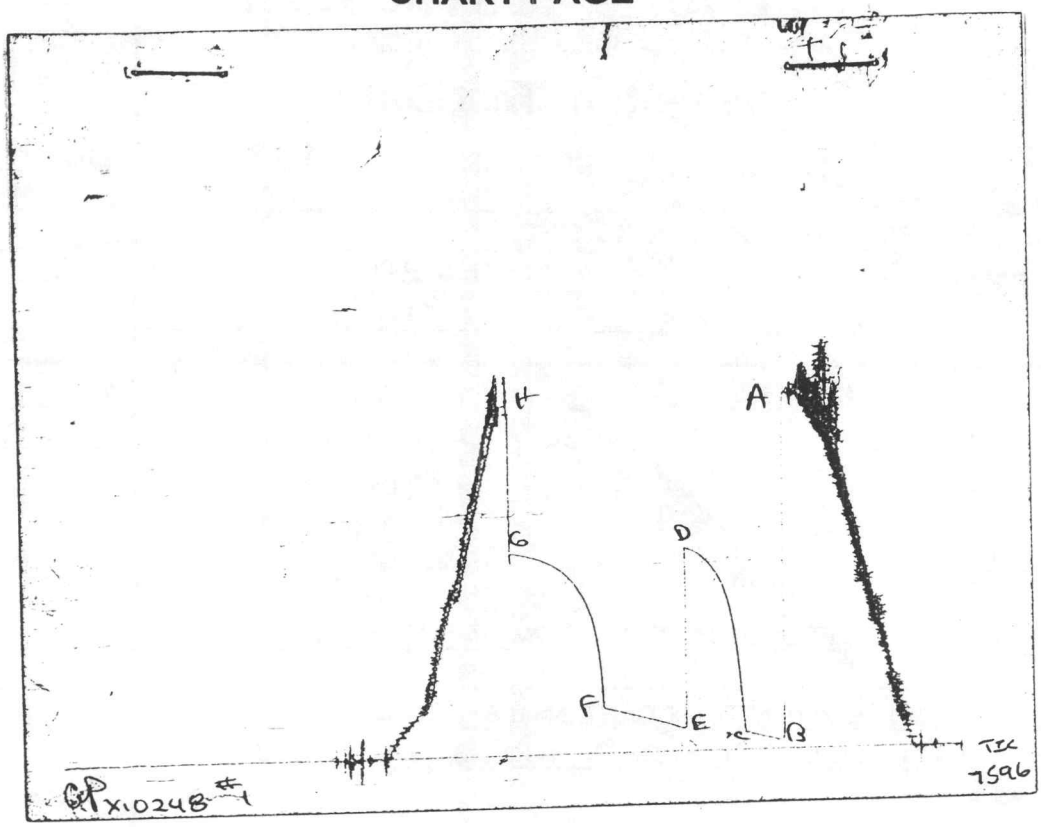
(F) Second Final Flow Pressure 268.00 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1165.60 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2080.00 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2052	2055.60
(B) FIRST INITIAL FLOW PRESSURE	30	56.30
(C) FIRST FINAL FLOW PRESSURE	87	107.00
(D) INITIAL CLOSED-IN PRESSURE	1154	1178.90
(E) SECOND INITIAL FLOW PRESSURE	112	136.30
(F) SECOND FINAL FLOW PRESSURE	250	268.00
(G) FINAL CLOSED-IN PRESSURE	1147	1165.60
(H) FINAL HYDROSTATIC MUD	1190	2080.00