

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HAWES #1 Test No. 1 Date 4/22/94
Company BECKER OIL CORPORATION Zone LWR MORROW
Address 212 1st NAT'L BANK BLDG PONCA CITY OK 74601 Elevation 2898
Co. Rep./Geo. CLYDE BECKER Cont. CHEYENNE DRLG #6 Est. Ft. of Pay _____
Location: Sec. 36 Twp. 22S Rge. 31W Co. FINNEY State KS

Interval Tested 4570-4628 Drill Pipe Size 4.5 FH
Anchor Length 58 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4565 Drill Collar - 2.25 Ft. Run 746 (4" H-90)
Bottom Packer Depth 4570 Mud Wt. 9.1 lb/Gal.
Total Depth 4628 Viscosity 46 Filtrate 9.6

Tool Open @ 10:50 AM Initial Blow WEAK SURFACE BLOW INCREASED TO 1/2"
ISI: NO BLOW

Final Blow SURFACE BLOW INCREASED TO 3" THROUGHOUT
FSI: NO BLOW

Recovery - Total Feet 30 Flush Tool? NO

Rec. 30 Feet of OIL CUT MUD - 5% OIL / 95% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2500 ppm System

(A) Initial Hydrostatic Mud 2203.4 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 53.1 PSI @ (depth) 4585 w / Clock No. 19960

(C) First Final Flow Pressure 53.1 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 164.2 PSI @ (depth) 4588 w / Clock No. 22992

(E) Second Initial Flow Pressure 58.2 PSI AK1 Recorder No. _____ Range _____

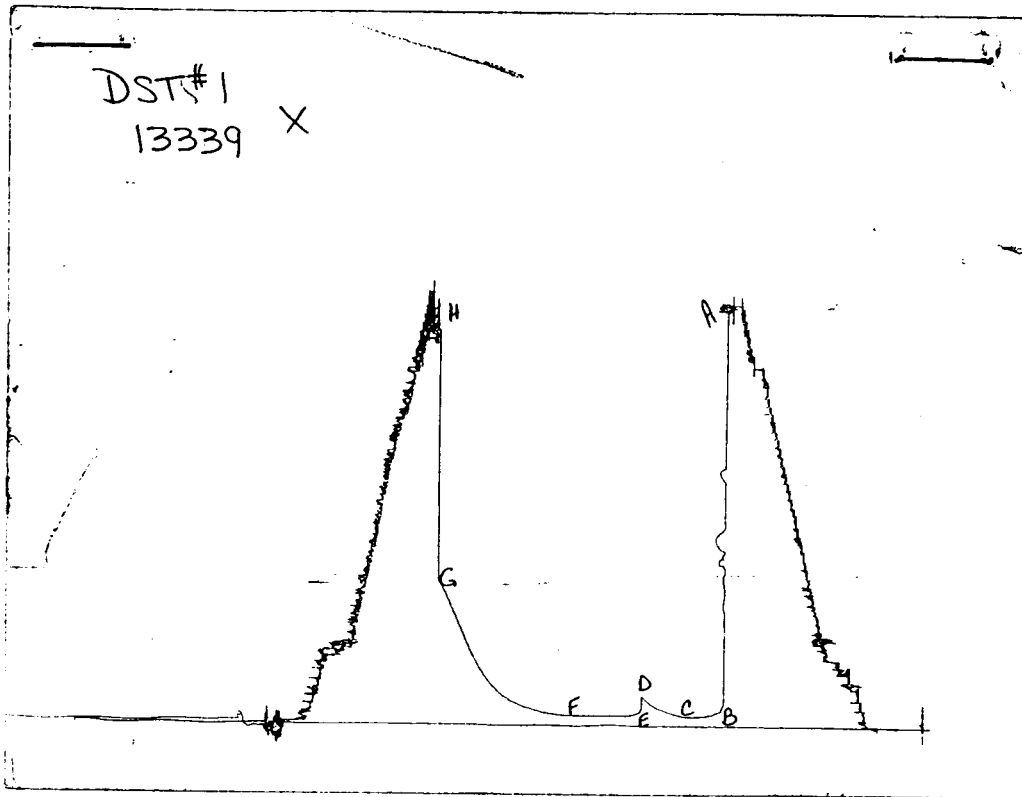
(F) Second Final Flow Pressure 58.2 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 773.5 PSI Initial Opening 20 Final Flow 50

(H) Final Hydrostatic Mud 2100.2 PSI Initial Shut-in 40 Final Shut-in 100

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart #13339

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2203	2203.4
(B) FIRST INITIAL FLOW PRESSURE	41	53.1
(C) FIRST FINAL FLOW PRESSURE	41	53.1
(D) INITIAL CLOSED-IN PRESSURE	155	164.2
(E) SECOND INITIAL FLOW PRESSURE	52	58.2
(F) SECOND FINAL FLOW PRESSURE	52	58.2
(G) FINAL CLOSED-IN PRESSURE	769	773.5
(H) FINAL HYDROSTATIC MUD	2173	2100.2