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TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HARSHBARGER TRUST #1 Test No. 1 Date 10/2/94
Company BECKER OIL CORPORATION Zone TORONTO
Address 212 1st NAT'L BANK BLDG PONCA CITY OK 74601 Elevation 3361
Co. Rep./Geo. CLYDE BECKER Cont. CHEYENNE DRLG #1 Est. Ft. of Pay _____
Location: Sec. 15 Twp. 21S Rge. 38W Co. KEARNY State KS

Interval Tested	<u>3787-3815</u>	Drill Pipe Size	<u>4.5 FH</u>
Anchor Length	<u>28</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>3782</u>	Drill Collar - 2.25 Ft. Run	<u>697</u>
Bottom Packer Depth	<u>3787</u>	Mud Wt.	<u>9.1</u> lb/Gal.
Total Depth	<u>3815</u>	Viscosity	<u>44</u>
		Filtrate	<u>10.4</u>

Tool Open @ 12:00 P.M. Initial Blow SURFACE BLOW BUILT TO BOTTOM IN 8 MIN ISI: BLED OFF B
NO RETURN

Final Blow SURFACE BLOW BUILT TO BOTTOM IN 11 MIN - FSI: BLED OFF
BLOW - NO RETURN

Recovery - Total Feet 1650 Flush Tool? NO

Rec. <u>1650</u>	Feet of <u>SULFER WATER</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 1.4 @ 70 °F Chlorides 40000 ppm Recovery Chlorides 4900 ppm System

(A) Initial Hydrostatic Mud 1867.7 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 75.9 PSI @ (depth) 3805 w / Clock No. 23832

(C) First Final Flow Pressure 204.7 PSI AK1 Recorder No. 13339 Range 4000

(D) Initial Shut-in Pressure 936.8 PSI @ (depth) 3810 w / Clock No. 23934

(E) Second Initial Flow Pressure 300.4 PSI AK1 Recorder No. _____ Range _____

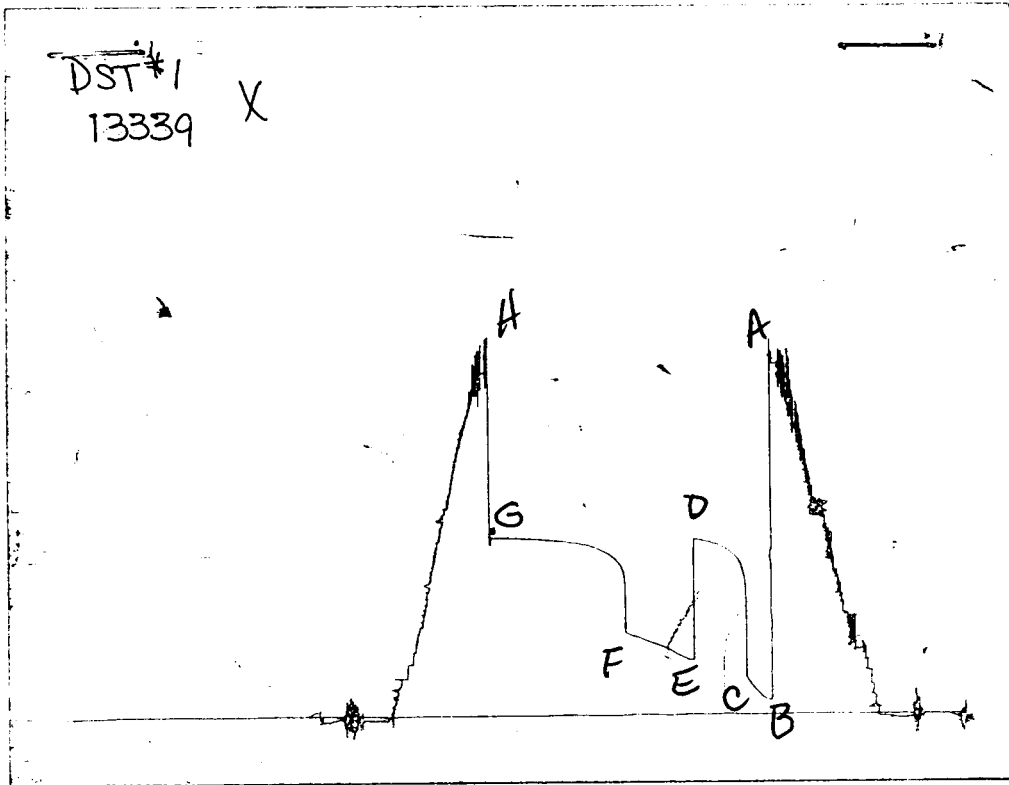
(F) Second Final Flow Pressure 449.8 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 945.8 PSI Initial Opening 20 Final Flow 50

(H) Final Hydrostatic Mud 1798.5 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	1842	1867.7
(B) FIRST INITIAL FLOW PRESSURE	83	75.9
(C) FIRST FINAL FLOW PRESSURE	187	204.7
(D) INITIAL CLOSED-IN PRESSURE	929	936.8
(E) SECOND INITIAL FLOW PRESSURE	291	300.4
(F) SECOND FINAL FLOW PRESSURE	436	449.8
(G) FINAL CLOSED-IN PRESSURE	939	945.8
(H) FINAL HYDROSTATIC MUD	1792	1798.5