

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BOHL #1 Test No. 1 Date 1/11/93
Company HUMMON CORPORATION Zone BASAL SAND
Address 200 W DOUGLAS #1020 WICHITA KS 67202 Elevation 2438
Co. Rep./Geo. DAVID GOLDAK Cont. EMPHASIS DRLG RIG #8 Est. Ft. of Pay _____
Location: Sec. 3 Twp. 3S Rge. 24W Co. NORTON State KS

Interval Tested 3682-3710 Drill Pipe Size 4.5" XH
Anchor Length 28 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3677 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3682 Mud Wt. 9.2 lb/Gal.
Total Depth 3710 Viscosity 52 Filtrate 8

Tool Open @ 6:10 PM Initial Blow WEAK BLOW - (1/2")

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides 1500 ppm Recovery Chlorides 1300 ppm System

(A) Initial Hydrostatic Mud 1862.3 PSI AK1 Recorder No. 13278 Range 4400

(B) First Initial Flow Pressure 40.5 PSI @ (depth) 3707 w / Clock No. 22993

(C) First Final Flow Pressure 40.5 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 301.4 PSI @ (depth) 3702 w / Clock No. 30410

(E) Second Initial Flow Pressure 45.6 PSI AK1 Recorder No. _____ Range _____

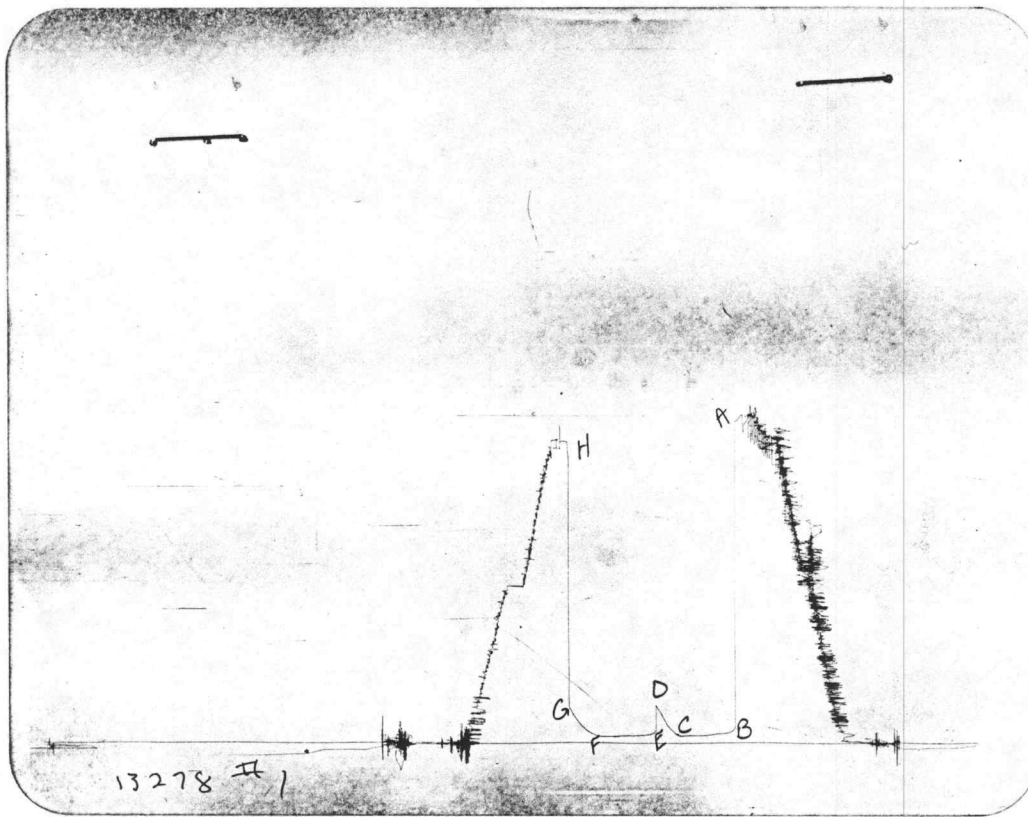
(F) Second Final Flow Pressure 45.6 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 267.8 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1815.3 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1856	1862.3
(B) FIRST INITIAL FLOW PRESSURE	39	40.5
(C) FIRST FINAL FLOW PRESSURE	39	40.5
(D) INITIAL CLOSED-IN PRESSURE	294	301.4
(E) SECOND INITIAL FLOW PRESSURE	43	45.6
(F) SECOND FINAL FLOW PRESSURE	43	45.6
(G) FINAL CLOSED-IN PRESSURE	261	267.8
(H) FINAL HYDROSTATIC MUD	1812	1815.3

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Test Ticket

No 5881

Well Name & No. BOHL #1 Test No. 1 Date 1-11-93
 Company HUMMON CORPORATION Zone Tested BASAL SAND
 Address 200 W. DOUGLAS #1020 WICHITA KS. Elevation 2438 K.B.
 Co. Rep./Geo. DAVID GOLDAK cont. EMPHASIS OIL OPER. #8 Est. Ft. of Pay _____
 Location: Sec. 3 Twp. 35 Rge. 24W Co. NORTON State KS.
 No. of Copies 10 Distribution Sheet _____ Yes No Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3682 - 3710' Drill Pipe Size 4 1/2" X.H.
 Anchor Length 28' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 3677' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 3682' Wt. Pipe I.D. — 2.7 Ft. Run NONE
 Total Depth 3710' Drill Collar — 2.25 Ft. Run NONE
 Mud Wt. 9.2 lb/gal. Viscosity 52 Filtrate 8.0 cc.
 Tool Open @ 6:10 P.M. Initial Blow weak below (1/2")

Final Blow No blow.

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>5'</u>		<u>No</u>
Rec. <u>5'</u> Feet Of <u>Dry Mud.</u>	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil
Rec. _____ Feet Of _____	% gas	% oil

BHT 110 °F Gravity N.A. °API @ _____ °F Corrected Gravity N.A. °API
 RW N.A. @ _____ °F Chlorides 1,500 ppm Recovery Chlorides 1,300 ppm System

(A) Initial Hydrostatic Mud 1856 PSI AK1 Recorder No. 13278 Range 4400
 (B) First Initial Flow Pressure 39 PSI @ (depth) 3701' w/Clock No. 22993
 (C) First Final Flow Pressure 39 PSI AK1 Recorder No. 10248 Range 4400
 (D) Initial Shut-In Pressure 294 PSI @ (depth) 3702' w/Clock No. 30410
 (E) Second Initial Flow Pressure 43 PSI AK1 Recorder No. --- Range ---
 (F) Second Final Flow Pressure 43 PSI @ (depth) --- w/Clock No. ---
 (G) Final Shut-In Pressure 261 PSI Initial Opening 30 Test 600⁰⁰
 (H) Final Hydrostatic Mud 1812 PSI Initial Shut-In 30 Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By David Goldak

Our Representative Gary Swartz

Printcraft Printers - Hays, KS

Final Flow 30 Safety Joint 50⁰⁰
 Final Shut-In 30 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ 650⁰⁰