ORIGINAL API #15-163-23253

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

12-10-20W

Drill-Stem Test Data

Well Name DESBIEN #11 Test No. 1 Date 10/17/94

Company HALLWOOD PETROLEUM INC. Zone

Address P.O. BOX 378111 DENVER CO 80237-8111 Elevation

Co. Rep./Geo. JIM MUSGROVE Cont. ALLEN #3 Est. Ft. of Pay

Location: Sec. 12 Twp. 10S Rge. 20W Co. ROOKS State KS

Interval Tested 3507-3570 Drill Pipe Size 4.5" XH

Anchor Length 63 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3502 Drill Collar -- 2.25 Ft. Run

Bottom Packer Depth 3507 Mud Wt. 9.1 lb/Gal.

Total Depth 3570 Viscosity 45 Filtrate 9.6

Tool Open @ 8:09 A.M. Initial Blow WEAK 1/2" BLOW BUILDING TO 2"

Final Blow SURFACE BLOW BUILDING TO 2"

Recovery - Total Feet 65 Flush Tool? NO

Rec. 65 Feet of MUD (FEW OIL SPOTS IN TOOL)

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 101 °F Gravity °API @ °F Corrected Gravity °API

[illegible] @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1742.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 72.7 PSI @ (depth) w / Clock No. 30418

(C) First Final Flow Pressure 51.8 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 398.2 PSI @ (depth) 3564 w / Clock No. 22336

(E) Second Initial Flow Pressure 69.0 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 67.5 PSI @ (depth) w / Clock No.

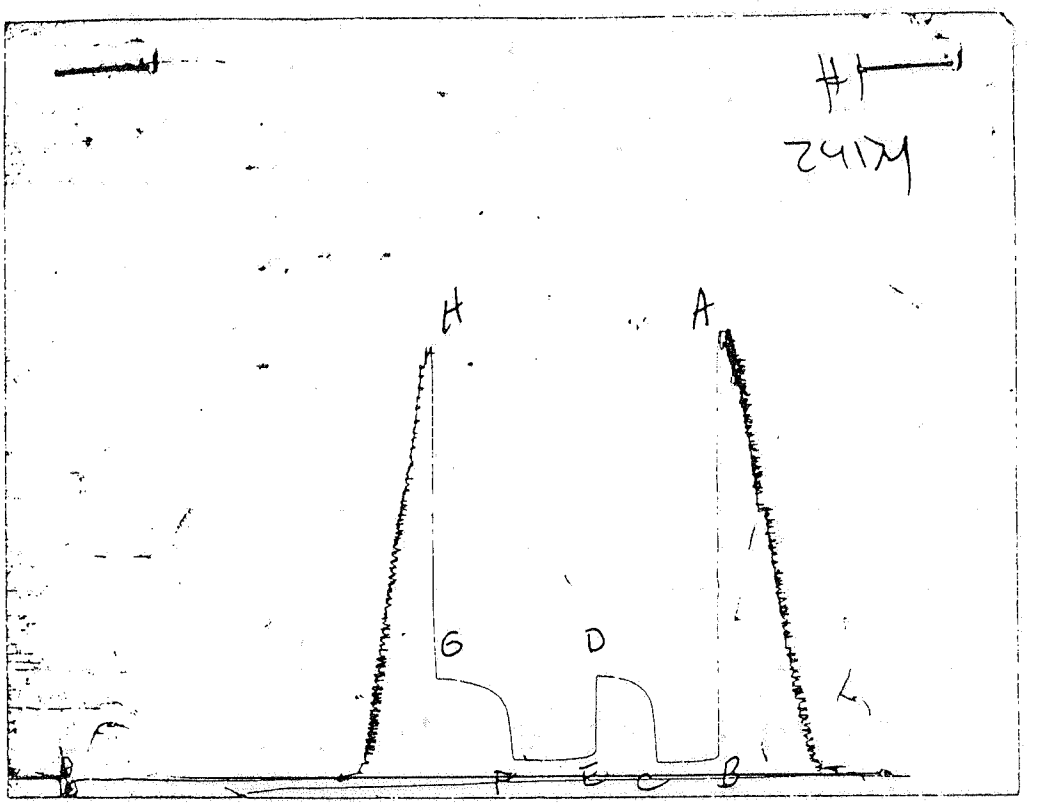
(G) Final Shut-in Pressure 390.6 PSI Initial Opening 45 Final Flow 60

(H) Final Hydrostatic Mud 1705.0 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative PAUL SIMPSON

CHART PAGE

ORIGINAL



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1765	1742.3
(B) FIRST INITIAL FLOW PRESSURE	30	72.7
(C) FIRST FINAL FLOW PRESSURE	37	51.8
(D) INITIAL CLOSED-IN PRESSURE	415	398.2
(E) SECOND INITIAL FLOW PRESSURE	37	69
(F) SECOND FINAL FLOW PRESSURE	52	67.5
(G) FINAL CLOSED-IN PRESSURE	423	390.6
(H) FINAL HYDROSTATIC MUD	1727	1705

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12-10S-20W ORIGINAL

Drill-Stem Test Data

ell Name DESBIEN #11 Test No. 2 Date 10/18/94

mpany HALLWOOD PETROLEUM INC. Zone LKC

dress P.O. BOX 378111 DENVER CO 80237-8111 Elevation 2235

. Rep./Geo. JIM MUSGROVE Cont. ALLEN #3 Est. Ft. of Pay

cation: Sec. 12 Twp. 10S Rge. 20W Co. ROOKS State KS

erval Tested 3620-3700 Drill Pipe Size 4.5" XH

chor Length 80 Wt. Pipe I.D. - 2.7 Ft. Run

Pack Depth 3615 Drill Collar -- 2.25 Ft. Run

tom Packer Depth 3620 Mud Wt. 9.5 lb/Gal.

al Depth 3700 Viscosity 52 Filtrate

ol Open 4:27 A.M Initial Blow WEAK 1/4" BLOW THROUGHOUT

al Blow NO BLOW

covery - Total Feet 10 Flush Tool? NO

10 Feet of OIL STAINED MUD 2%OIL/98%MUD

Feet of

Feet of

Feet of

Feet of

HT 96 °F Gravity °API @ °F Corrected Gravity °API

W @ °F Chlorides ppm Recovery Chlorides ppm System

Initial Hydrostatic Mud 1808.8 PSI AK1 Recorder No. 22150 Range 3925

First In Flow Pressure 53.3 PSI @ (depth) 3687 w / Clock No. 30416

First Final Flow Pressure 53.3 PSI AK1 Recorder No. 24174 Range 3050

Initial Shut-in Pressure 360.8 PSI @ (depth) 3694 w / Clock No. 22336

Second Initial Flow Pressure 54.1 PSI AK1 Recorder No. Range

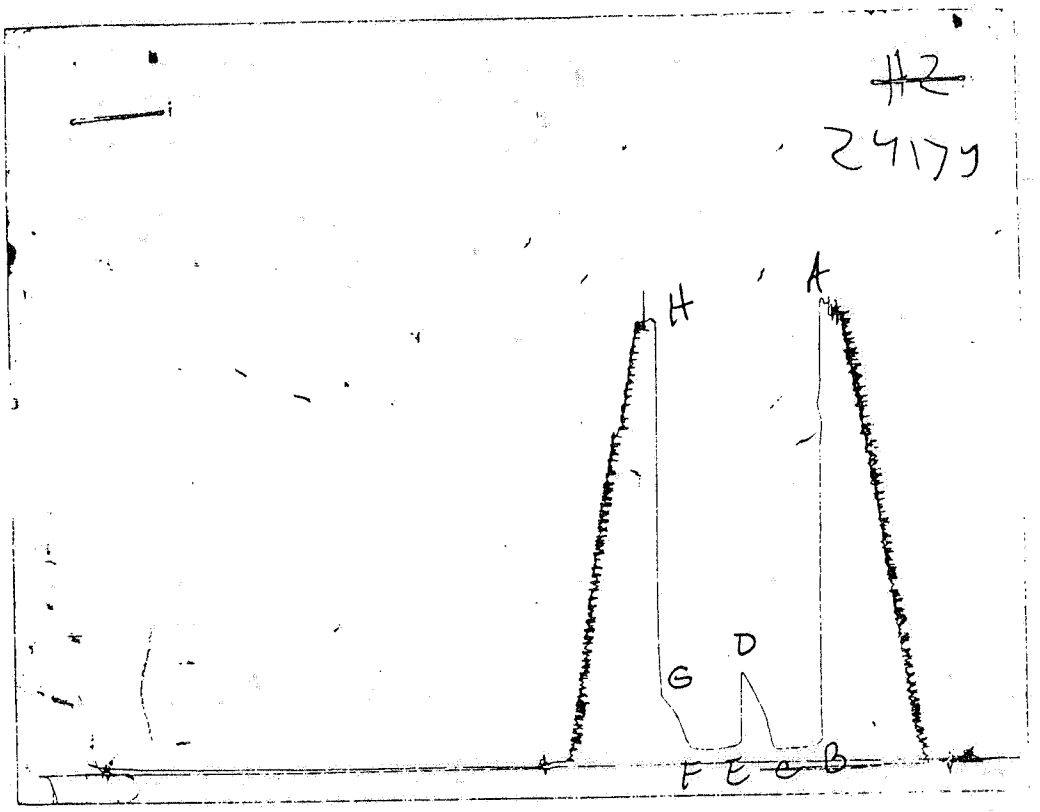
Second Final Flow Pressure 54.1 PSI @ (depth) w / Clock No.

Final Shut-in Pressure 268.7 PSI Initial Opening 30 Final Flow 30

Final Hydrostatic Mud 1730.9 PSI Initial Shut-in 30 Final Shut-in 30

CHART PAGE

ORIGINAL



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1796	1808.8
(B) FIRST INITIAL FLOW PRESSURE	30	53.3
(C) FIRST FINAL FLOW PRESSURE	30	53.3
(D) INITIAL CLOSED-IN PRESSURE	346	360.8
(E) SECOND INITIAL FLOW PRESSURE	36	54.1
(F) SECOND FINAL FLOW PRESSURE	36	54.1
(G) FINAL CLOSED-IN PRESSURE	270	268.7
(H) FINAL HYDROSTATIC MUD	1742	1730.9