TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name JANKE #2 Test No. 1 Date 12/17/94

Company RHEEM RESOURCES Zone CHEROKEE SD

Address 100 S. MAIN, WICHITA, KS 67202 Elevation 2176

Co. Rep./Geo. SCOTT OATSDEAN Cont. DUKE #4 Est. Ft. of Pay

Location: Sec. 33 Twp. 18S Rge. 20W Co. RUSH State KS

Interval Tested 4140-4170 Drill Pipe Size 4.5" XH

Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4135 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4140 Mud Wt. 9 lb/Gal.

Total Depth 4170 Viscosity 45 Filtrate 8.8

Tool Open @ 11:24PM Initial Blow WEAK, BUILDING TO 1/2", DECREASING TO VERY WEAK SURFACE BLOW IN 30 MINUTES.

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD. 100% MUD.

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

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

RW @ °F Chlorides ppm Recovery Chlorides 4800 ppm System

(A) Initial Hydrostatic Mud 2044.6 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 20.7 PSI @ (depth) 4144 w / Clock No. 14389

(C) First Final Flow Pressure 20.7 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 327.8 PSI @ (depth) 4166 w / Clock No. 25810

(E) Second Initial Flow Pressure 20.7 PSI AK1 Recorder No. Range

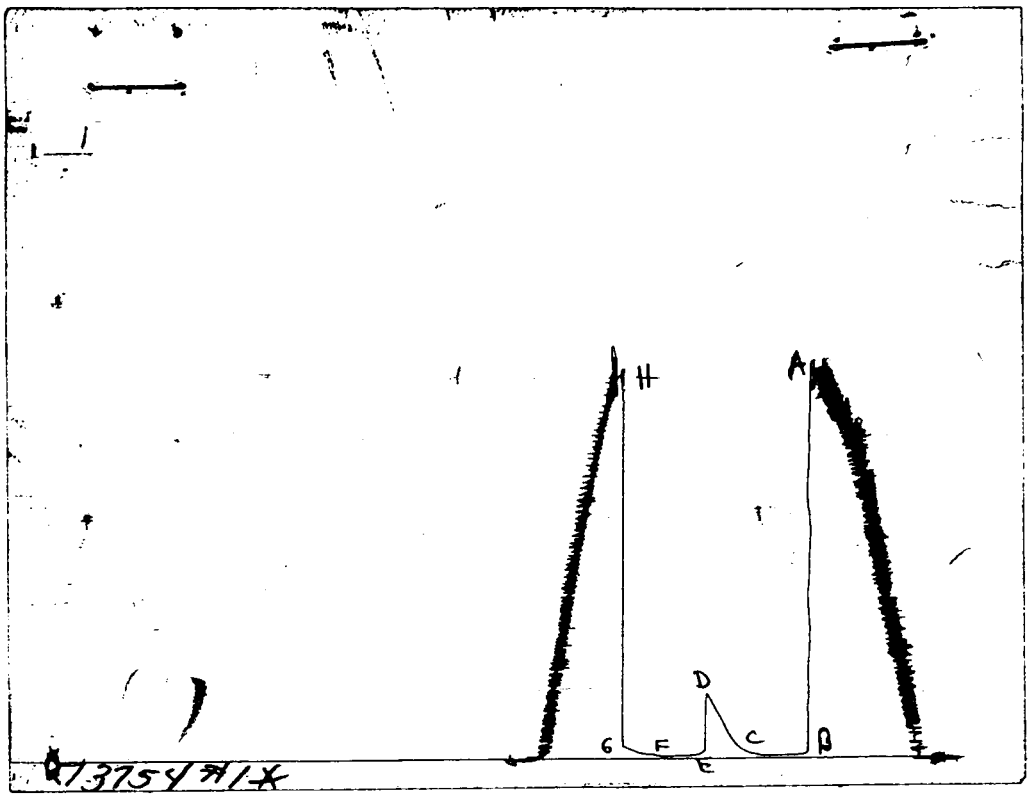
(F) Second Final Flow Pressure 20.7 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 66.9 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2008.2 PSI Initial Shut-in 45 Final Shut-in 30

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

		FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	2066	2044.6
(B)	FIRST INITIAL FLOW PRESSURE	19	20.7
(C)	FIRST FINAL FLOW PRESSURE	19	20.7
(D)	INITIAL CLOSED-IN PRESSURE	324	327.8
(E)	SECOND INITIAL FLOW PRESSURE	19	20.7
(F)	SECOND FINAL FLOW PRESSURE	19	20.7
(G)	FINAL CLOSED-IN PRESSURE	59	66.9
(H)	FINAL HYDROSTATIC MUD	2006	2008.2

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Drill-Stem Test Data

Well Name JANKE #2 Test No. 2 Date 12/18/94

Company RHEEM RESOURCES Zone CHEROKEE SD

Address 100 S. MAIN, WICHITA, KS 67202 Elevation 2176

Co. Rep./Geo. SCOTT OATSDEAN Cont. DUKE #4 Est. Ft. of Pay

Location: Sec. 33 Twp. 18S Rge. 20W Co. RUSH State KS

Interval Tested 4140-4173 Drill Pipe Size 4.5" XH

Anchor Length 33 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4135 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4140 Mud Wt. 9 lb/Gal.

Total Depth 4173 Viscosity 45 Filtrate 8.8

Tool Open @ 9:52AM Initial Blow WEAK, BUILDING TO 1-1/4".

Final Blow WEAK STEADY SURFACE BLOW.

Recovery - Total Feet 45 Flush Tool? NO

Rec. 45 Feet of DRILLING MUD. 100% MUD.

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

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

RW @ °F Chlorides ppm Recovery Chlorides 4800 ppm System

(A) Initial Hydrostatic Mud 2060.8 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 24.6 PSI @ (depth) 4144 w / Clock No. 14389

(C) First Final Flow Pressure 24.6 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 449.8 PSI @ (depth) 4169 w / Clock No. 25810

(E) Second Initial Flow Pressure 27.6 PSI AK1 Recorder No. Range

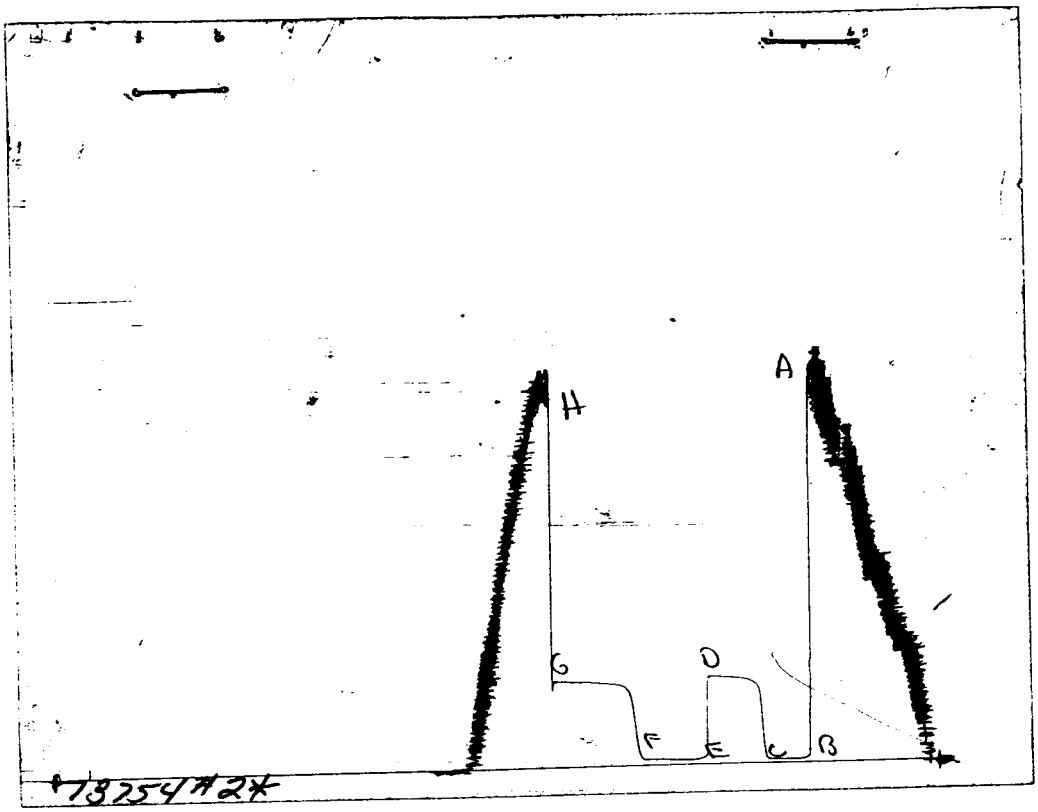
(F) Second Final Flow Pressure 27.6 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 431.1 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1976.0 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2137	2060.8
(B) FIRST INITIAL FLOW PRESSURE	19	24.6
(C) FIRST FINAL FLOW PRESSURE	19	24.6
(D) INITIAL CLOSED-IN PRESSURE	452	449.8
(E) SECOND INITIAL FLOW PRESSURE	29	27.6
(F) SECOND FINAL FLOW PRESSURE	29	27.6
(G) FINAL CLOSED-IN PRESSURE	433	431.1
(H) FINAL HYDROSTATIC MUD	2036	1976