TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name JANKE #1 Test No. 1 Date 1/20/93

Company MID CONTINENT ENERGY CORPORATION Zone CHEROKEE

Address 155 N MARKET SWT #200 WICHITA KS 67202 Elevation 2170

Co. Rep./Geo. SCOTT OATSDEAN Cont. ABERCROMBIE DRLG #8 Est. Ft. of Pay 5

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

Interval Tested 4132-4161 Drill Pipe Size 4.5" XH

Anchor Length 29 Wt. Pipe I.D. - 2.7 Ft. Run 494

Top Packer Depth 4127 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4132 Mud Wt. 9.5 lb/Gal.

Total Depth 4161 Viscosity 47 Filtrate 9.6

Tool Open @ 12:21 PM Initial Blow BOTTOM OF BUCKET IN 21 MINUTES

Final Blow

Recovery - Total Feet 186 Flush Tool? NO

Rec. 186 Feet of GAS IN PIPE

Rec. 62 Feet of MUD CUT OIL-60%OIL/40%MUD

Rec. 124 Feet of MUD CUT OIL-70% OIL/ 30% MUD

Rec. Feet of

Rec. Feet of

BHT 116 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2120.6 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 50.2 PSI @ (depth) 4136 w / Clock No. 8179

(C) First Final Flow Pressure 100.3 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure PSI @ (depth) 4157 w / Clock No. 8376

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

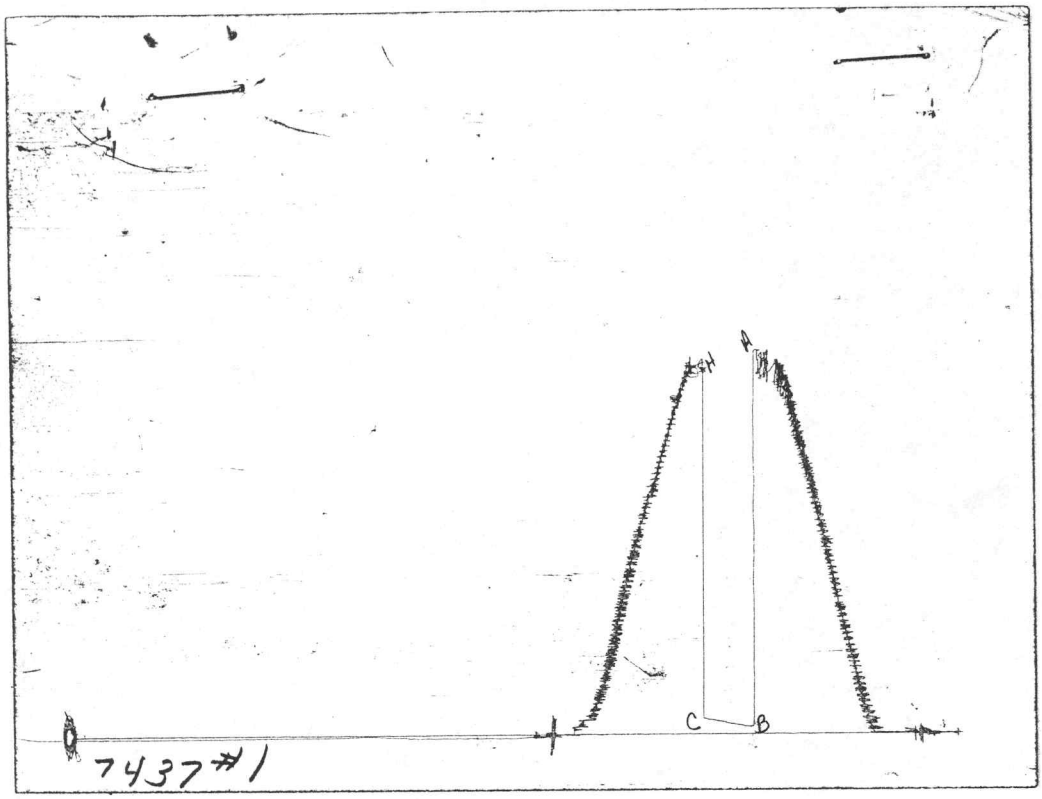
(F) Second Final Flow Pressure PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure PSI Initial Opening 37 Final Flow 0

(H) Final Hydrostatic Mud 2060.7 PSI Initial Shut-in 0 Final Shut-in 0

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2117	2120.6
(B) FIRST INITIAL FLOW PRESSURE	49	50.2
(C) FIRST FINAL FLOW PRESSURE	98	100.3
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2066	2060.7

CALCULATED RECOVERY ANALYSIS

WEIGHT PIPE

DST # 1 TICKET # 5866

SAMPLE	TOTAL		GAS		OIL		WATER		MUD
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	62	0	0	60	37.2	0	0	40	24.8
2	124	0	0	70	86.8	0	0	30	37.2
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	186	0	0	66.666667	124	0	0	33.333	62

			HRS OPEN	BBL/DAY
BBL OIL=	0.868	*	0.62	33.6
BBL WATER=	0	*		0
BBL MUD=	0.434			
BBL GAS=	0