TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FEIERTAG 'A' #4-15 Test No. 1 Date 6/12/94

Company McCOY PETROLEUM CORPORATION Zone MARMATON B

Address 3017 N. CYPRESS WICHITA KS 67226-4003 Elevation 2979

Co. Rep./Geo. JOHN HASTINGS Cont. SWEETMAN DRLG RIG #1 Est. Ft. of Pay 6

Location: Sec. 15 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 4345-4360

Anchor Length 15

Top Packer Depth 4340

Bottom Packer Depth 4345

Total Depth 4360

Drill Pipe Size 4.5" XH

Wt. Pipe I.D. - 2.7 Ft. Run

Drill Collar – 2.25 Ft. Run 270

Mud Wt. 8.9 lb/Gal.

Viscosity 44 Filtrate 10.4

Tool Open @ 10:15PM Initial Blow SURFACE BLOW SLOWLY BUILT TO 8"

ISI: BLED OFF BLOW - NO RETURN

Final Blow WEAK SURFACE BLOW BUILT TO 9"

FSI: BLED OFF BLOW - NO RETURN

Recovery - Total Feet 455 Flush Tool? NO

Rec. 1 Feet of FREE OIL

Rec. 454 Feet of VERY SLIGHT MUDDY WATER W/SCUM OF OIL 90%WATER/10%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 124 °F Gravity °API @ °F Corrected Gravity °API

RW 0.2 @ 64 °F Chlorides 40000 ppm Recovery Chlorides 6500 ppm System

(A) Initial Hydrostatic Mud 2106.2 PSI AK1 Recorder No. 13339 Range 4000

(B) First Initial Flow Pressure 37.4 PSI @ (depth) 4350 w / Clock No. 22992

(C) First Final Flow Pressure 97.7 PSI AK1 Recorder No. 13276 Range 4025

(D) Initial Shut-in Pressure 392.9 PSI @ (depth) 4355 w / Clock No. 23832

(E) Second Initial Flow Pressure 154.8 PSI AK1 Recorder No. Range

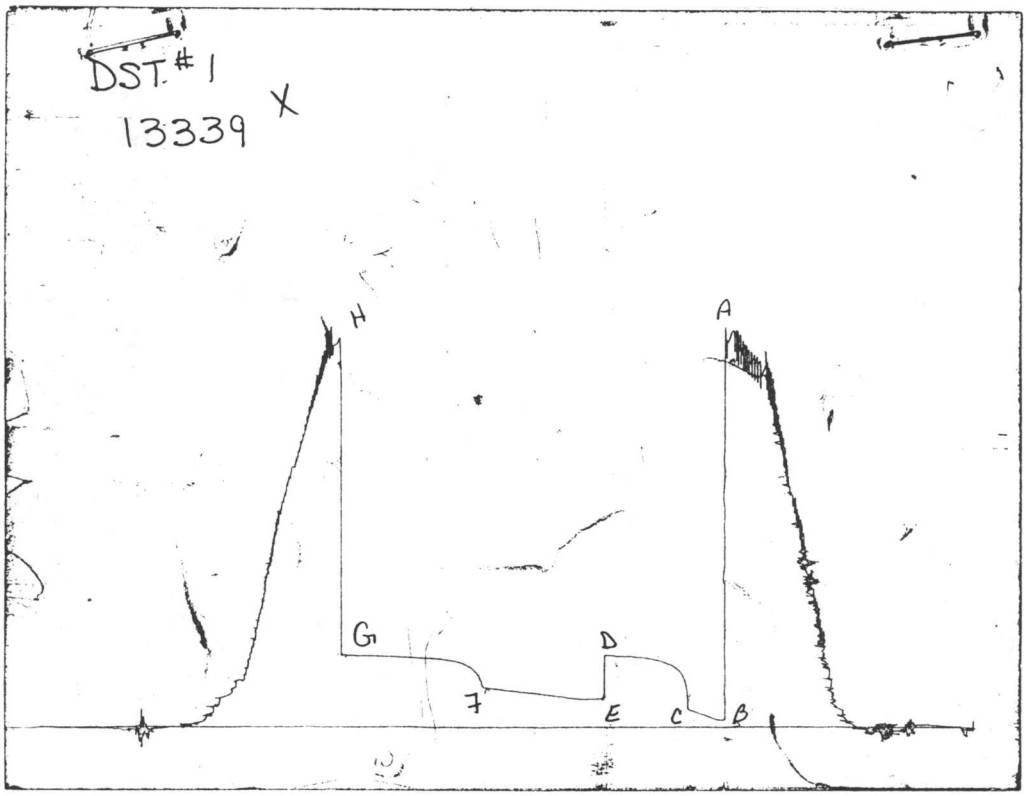
(F) Second Final Flow Pressure 216.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 390.9 PSI Initial Opening 30 Final Flow 90

(H) Final Hydrostatic Mud 2051.1 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart #13339

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2023	2106.2
(B) FIRST INITIAL FLOW PRESSURE	31	37.4
(C) FIRST FINAL FLOW PRESSURE	93	97.7
(D) INITIAL CLOSED-IN PRESSURE	395	392.9
(E) SECOND INITIAL FLOW PRESSURE	155	154.8
(F) SECOND FINAL FLOW PRESSURE	207	216.2
(G) FINAL CLOSED-IN PRESSURE	395	390.9
(H) FINAL HYDROSTATIC MUD	2003	2051.1

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Drill-Stem Test Data

Well Name FEIERTAG 'A' #4-15 Test No. 2 Date 6/13/94

Company McCOY PETROLEUM CORPORATION Zone FT SCOTT

Address 3017 N. CYPRESS WICHITA KS 67226-4003 Elevation 2979

Co. Rep./Geo. JOHN HASTINGS Cont. SWEETMAN DRLG RIG #1 Est. Ft. of Pay 6

Location: Sec. 15 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 4427-4460 Drill Pipe Size 4.5" XH

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

Top Packer Depth 4422 Drill Collar – 2.25 Ft. Run 300

Bottom Packer Depth 4427 Mud Wt. 8.9 lb/Gal.

Total Depth 4460 Viscosity 47 Filtrate 8.8

Tool Open @ 9:00PM Initial Blow WEAK 1/4" BLOW DIED IN 14 MINUTES

Final Blow NO RETURN BLOW

Recovery - Total Feet 20 Flush Tool? NO

Rec. 20 Feet of DRILLING MUD W/GOOD SHOW OF OIL IN TOOL

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 126 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2142.2 PSI AK1 Recorder No. 13339 Range 4000

(B) First Initial Flow Pressure 32.2 PSI @ (depth) 4450 w / Clock No. 22992

(C) First Final Flow Pressure 43.7 PSI AK1 Recorder No. 13276 Range 4025

(D) Initial Shut-in Pressure 655.3 PSI @ (depth) 4455 w / Clock No. 23832

(E) Second Initial Flow Pressure 60.3 PSI AK1 Recorder No. Range

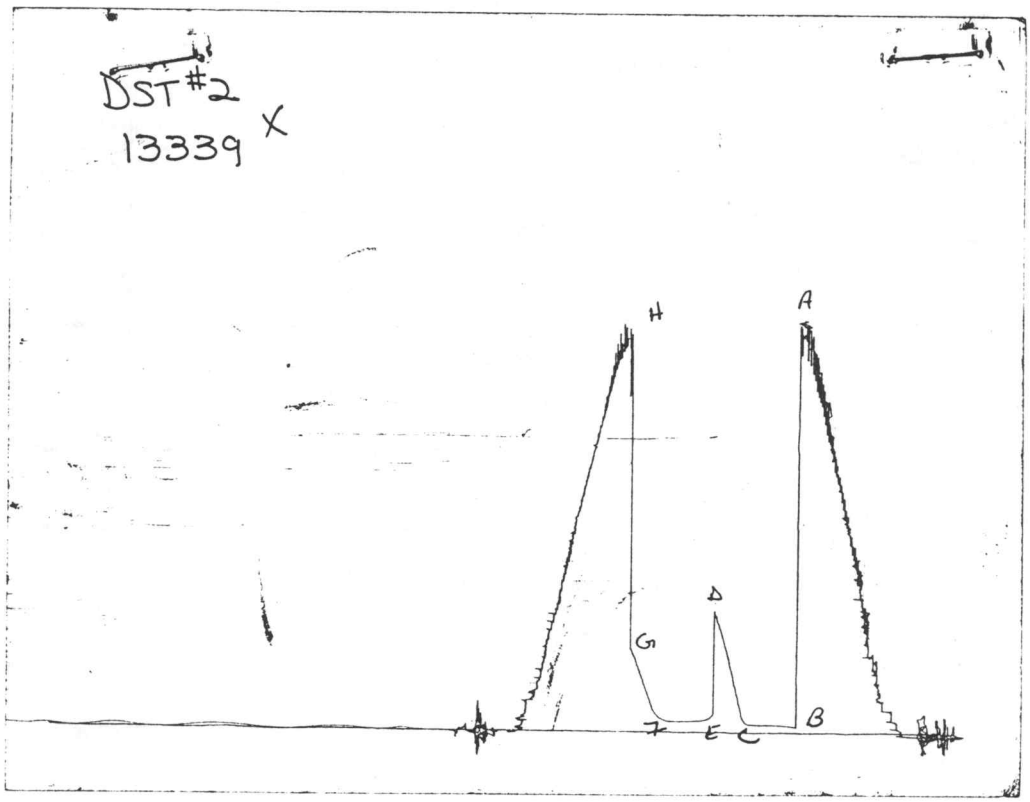
(F) Second Final Flow Pressure 60.3 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 448.1 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2093.1 PSI Initial Shut-in 30 Final Shut-in 30

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CHART PAGE



This is an actual photograph of recorder chart #13339

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2083	2142.2
(B) FIRST INITIAL FLOW PRESSURE	31	32.2
(C) FIRST FINAL FLOW PRESSURE	41	43.7
(D) INITIAL CLOSED-IN PRESSURE	639	655.3
(E) SECOND INITIAL FLOW PRESSURE	52	60.3
(F) SECOND FINAL FLOW PRESSURE	52	60.3
(G) FINAL CLOSED-IN PRESSURE	436	448.1
(H) FINAL HYDROSTATIC MUD	2053	2093.1

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FEIERTAG 'A' #4-15 Test No. 3 Date 6/15/94

Company McCOY PETROLEUM CORPORATION Zone LANSING 'B'

Address 3017 N. CYPRESS WICHITA KS 67226-4003 Elevation 2979

Co. Rep./Geo. JOHN HASTINGS Cont. SWEETMAN DRLG RIG #1 Est. Ft. of Pay 6

Location: Sec. 15 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 3908-3935 Drill Pipe Size 4.5" XH

Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3903-3908 Drill Collar – 2.25 Ft. Run 306

Bottom Packer Depth 3935 Mud Wt. 8.9 lb/Gal.

Total Depth 3996 Viscosity 52 Filtrate 6.4

Tool Open @ 7:55PM Initial Blow 1/2" BLOW BUILT TO 7"

ISI: BLED OFF BLOW - NO BLOW BACK

Final Blow 1/4" BLOW - BUILT TO 7"

FSI: BLED OFF BLOW - NO BLOW BACK / LOST TOP PACKER SEAT 15 MINUTES INTO

Recovery - Total Feet 310 Flush Tool? NO

Rec. 220 Feet of GAS MUD CUT OIL 25%GAS/40%OIL/35%MUD

Rec. 90 Feet of SLIGHTLY OIL CUT MUDDY WATER 10%OIL/80%WATER/10%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 120 °F Gravity °API @ °F Corrected Gravity °API

RW 0.27 @ 66 °F Chlorides 27000 ppm Recovery Chlorides 5500 ppm System

(A) Initial Hydrostatic Mud 1913.7 PSI AK1 Recorder No. 13339 Range 4000

(B) First Initial Flow Pressure 93.3 PSI @ (depth) 3911 w / Clock No. 19960

(C) First Final Flow Pressure 117.3 PSI AK1 Recorder No. 13276 Range 4025

(D) Initial Shut-in Pressure 1011.4 PSI @ (depth) 3927 w / Clock No. 23832

(E) Second Initial Flow Pressure 141.3 PSI AK1 Recorder No. 13423 Range 6450

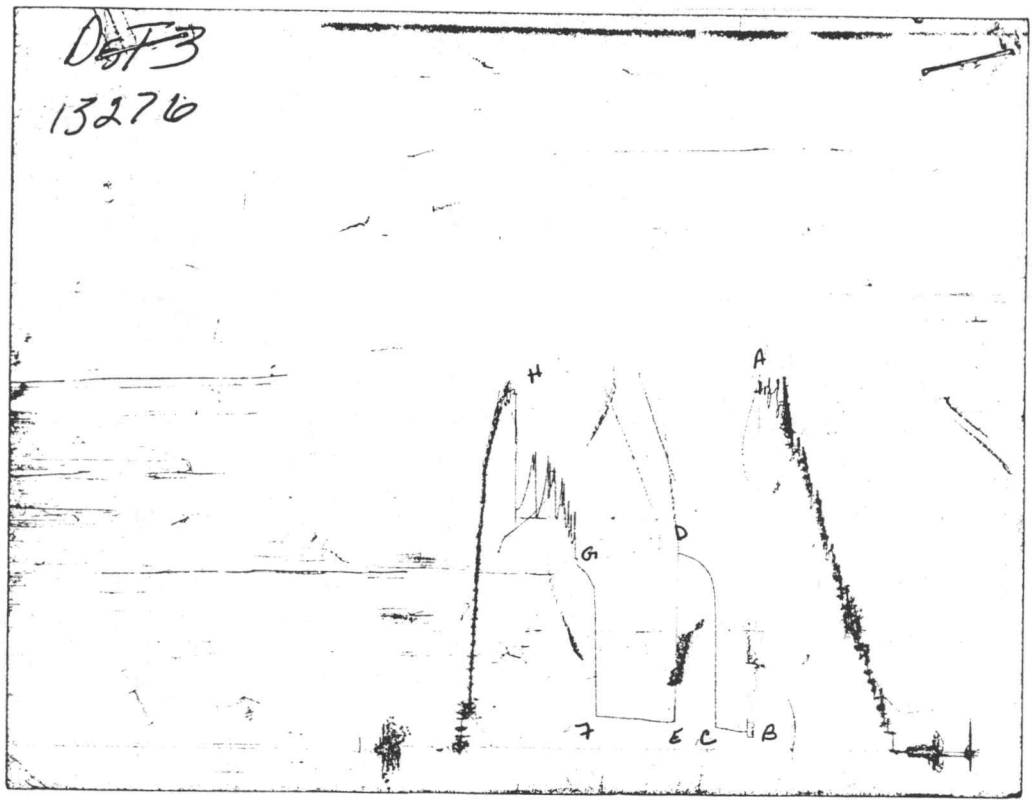
(F) Second Final Flow Pressure 168.2 PSI @ (depth) 4098 w / Clock No. 22992

(G) Final Shut-in Pressure 944.2 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1832.3 PSI Initial Shut-in 30 Final Shut-in 60

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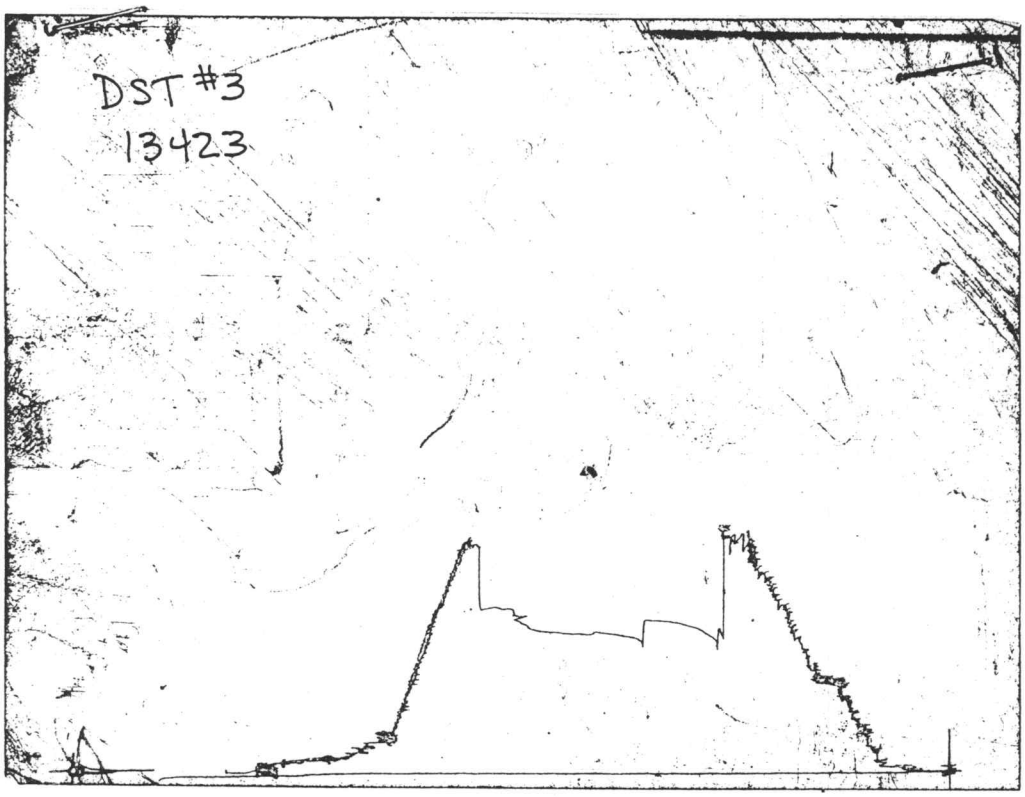
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1895	1913.7
(B) FIRST INITIAL FLOW PRESSURE	90	93.3
(C) FIRST FINAL FLOW PRESSURE	100	117.3
(D) INITIAL CLOSED-IN PRESSURE	1000	1011.4
(E) SECOND INITIAL FLOW PRESSURE	120	141.3
(F) SECOND FINAL FLOW PRESSURE	160	168.2
(G) FINAL CLOSED-IN PRESSURE	930	944.2
(H) FINAL HYDROSTATIC MUD	1856	1832.3

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD		
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD		

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name FEIERTAG 'A' #4-15 Test No. 4 Date 6/16/94

Company McCOY PETROLEUM CORPORATION Zone LANSING 'G'

Address 3017 N. CYPRESS WICHITA KS 67226-4003 Elevation 2979

Co. Rep./Geo. JOHN HASTINGS Cont. SWEETMAN DRLG RIG #1 Est. Ft. of Pay

Location: Sec. 15 Twp. 19S Rge. 33W Co. SCOTT State KS

Interval Tested 4066-4093 Drill Pipe Size 4.5" XH

Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4051-4066 Drill Collar – 2.25 Ft. Run 306

Bottom Packer Depth 4093 Mud Wt. 8.9 lb/Gal.

Total Depth 4141 Viscosity 52 Filtrate 6.4

Tool Open @ 4:30AM Initial Blow SURFACE BLOW BUILT TO 9"
ISI: BLED OFF BLOW - NO RETURN

Final Blow SURFACE BLOW BUILT TO 8"
FSI: BLED OFF BLOW - SURFACE BLOW BUILT TO 1/2"

Recovery - Total Feet 385 Flush Tool? NO

Rec. 185 Feet of GAS IN PIPE

Rec. 295 Feet of SLIGHTLY MUD CUT GAS OIL 40%GAS/50%OIL/10%MUD

Rec. 90 Feet of GAS OIL CUT MUD 20%GAS/30%OIL/50%MUD

Rec. Feet of

Rec. Feet of

BHT 121 °F Gravity 28 °API @ 78 °F Corrected Gravity 26 °API

RW @ °F Chlorides ppm Recovery Chlorides 5500 ppm System

(A) Initial Hydrostatic Mud 1992.3 PSI AK1 Recorder No. 13339 Range 4000

(B) First Initial Flow Pressure 64.4 PSI @ (depth) 4065 w / Clock No. 19960

(C) First Final Flow Pressure 111.2 PSI AK1 Recorder No. 13276 Range 4025

(D) Initial Shut-in Pressure 862.7 PSI @ (depth) 4085 w / Clock No. 23832

(E) Second Initial Flow Pressure 155.9 PSI AK1 Recorder No. 13423 Range 6450

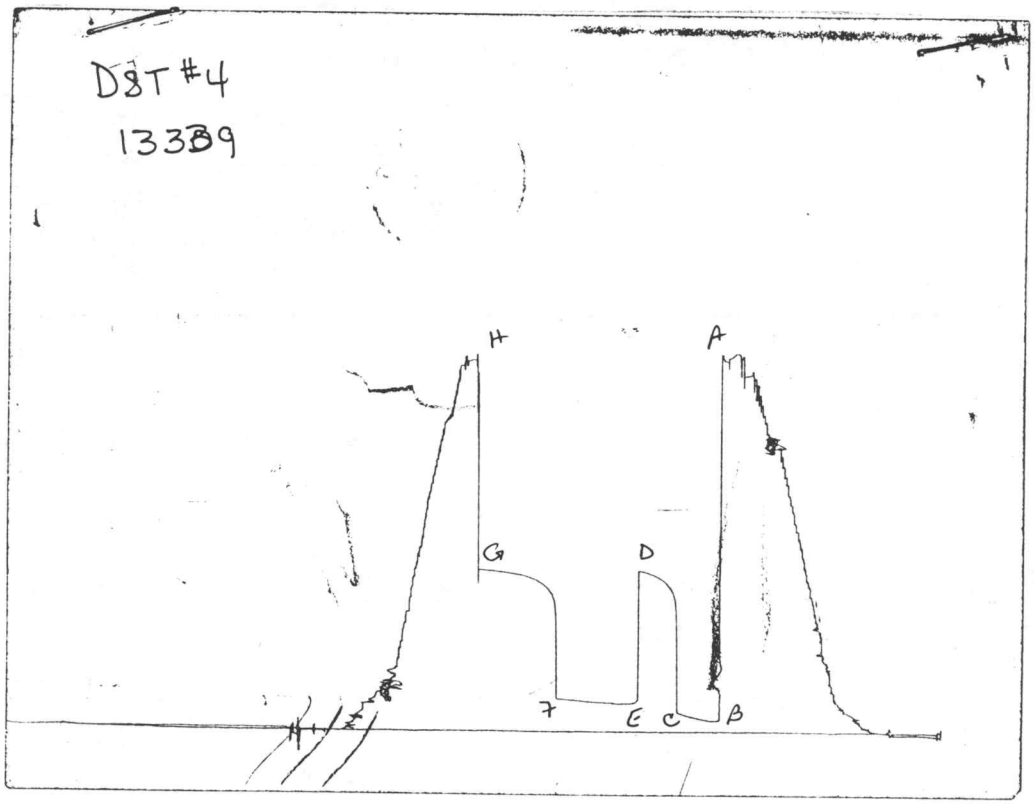
(F) Second Final Flow Pressure 184.0 PSI @ (depth) 4230 w / Clock No. 22992

(G) Final Shut-in Pressure 862.7 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1964.9 PSI Initial Shut-in 30 Final Shut-in 60

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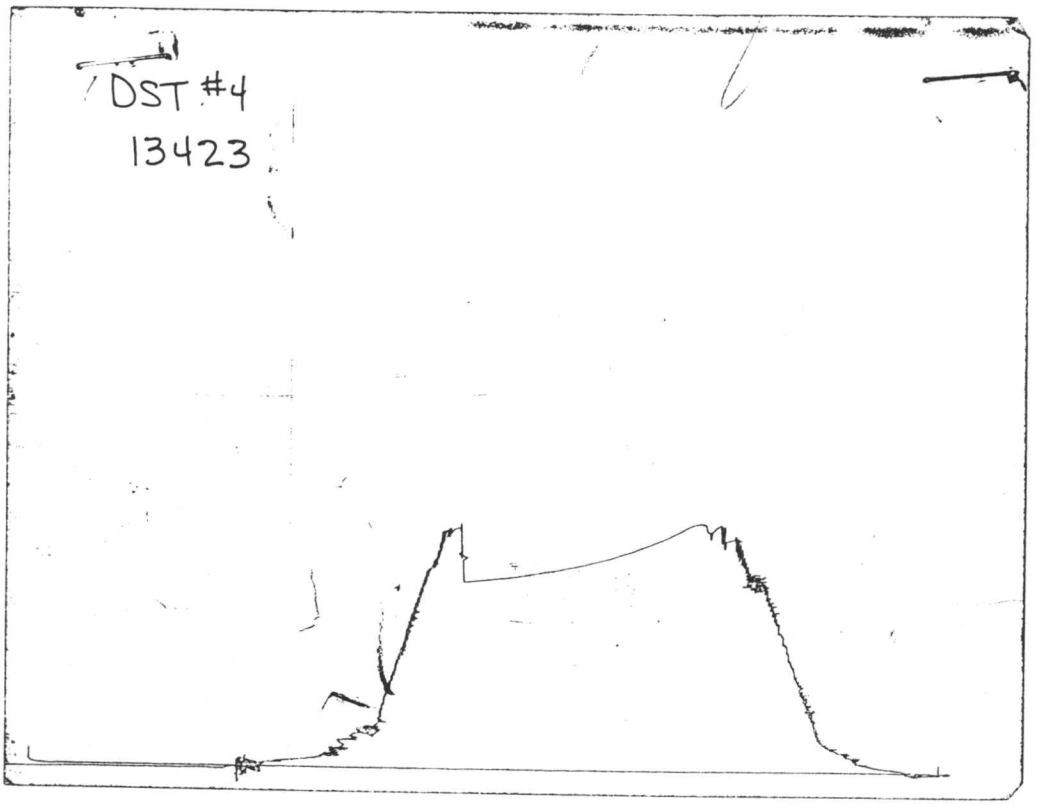
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1982	1992.3
(B) FIRST INITIAL FLOW PRESSURE	52	64.4
(C) FIRST FINAL FLOW PRESSURE	93	111.2
(D) INITIAL CLOSED-IN PRESSURE	849	862.7
(E) SECOND INITIAL FLOW PRESSURE	145	155.9
(F) SECOND FINAL FLOW PRESSURE	176	184
(G) FINAL CLOSED-IN PRESSURE	849	862.7
(H) FINAL HYDROSTATIC MUD	1952	1964.9

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING

(A) INITIAL HYDROSTATIC MUD

(B) FIRST INITIAL FLOW PRESSURE

(C) FIRST FINAL FLOW PRESSURE

(D) INITIAL CLOSED-IN PRESSURE

(E) SECOND INITIAL FLOW PRESSURE

(F) SECOND FINAL FLOW PRESSURE

(G) FINAL CLOSED-IN PRESSURE

(H) FINAL HYDROSTATIC MUD