

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name WILKEN "A" #1-34 Test No. 1 Date 2/25/93  
Company MCCOY PETROLEUM CORPORATION Zone MARMATON "B"  
Address 110 S MAIN #500 WICHITA KS 67202 Elevation 3185  
Co. Rep./Geo. KEN DEAN Cont. SWEETMAN RIG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 34 Twp. 20S Rge. 35W Co. WICHITA State KS

Interval Tested 4474-4534 Drill Pipe Size 4.5" XH  
Anchor Length 60 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4469 Drill Collar - 2.25 Ft. Run 250  
Bottom Packer Depth 4474 Mud Wt. 9.1 lb/Gal.  
Total Depth 4534 Viscosity 42 Filtrate 10

Tool Open @ 1:00 AM Initial Blow WEAK 1/4" BLOW DIED IN 7 MINUTES

Final Blow NO RETURN BLOW

Recovery - Total Feet 191 Flush Tool? NO

Rec. 1 Feet of FREE OIL  
Rec. 100 Feet of OIL STAINED MUD  
Rec. 90 Feet of DRILLING MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 112 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 7500 ppm System

(A) Initial Hydrostatic Mud 2216.9 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 55.4 PSI @ (depth) 4494 w / Clock No. 21058

(C) First Final Flow Pressure 77.8 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 562.3 PSI @ (depth) 4529 w / Clock No. 25828

(E) Second Initial Flow Pressure 115.9 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

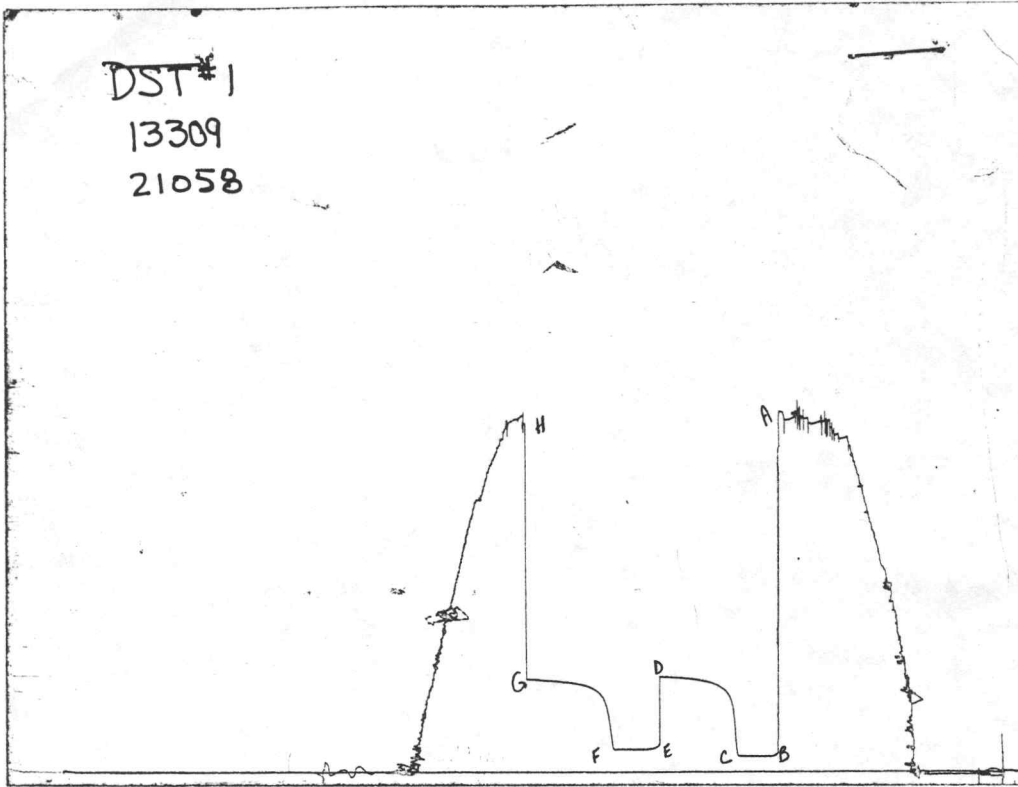
(F) Second Final Flow Pressure 115.9 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 550.1 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2170.8 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2213	2216.9
(B) FIRST INITIAL FLOW PRESSURE	52	55.4
(C) FIRST FINAL FLOW PRESSURE	72	77.8
(D) INITIAL CLOSED-IN PRESSURE	559	562.3
(E) SECOND INITIAL FLOW PRESSURE	114	115.9
(F) SECOND FINAL FLOW PRESSURE	114	115.9
(G) FINAL CLOSED-IN PRESSURE	549	550.1
(H) FINAL HYDROSTATIC MUD	2173	2170.8

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## Drill-Stem Test Data

Well Name WILKEN "A" #1-34 Test No. 2 Date 2/25/93  
Company McCOY PETROLEUM CORPORATION Zone MARMATON  
Address 110 S MAIN #500 WICHITA KS 67202 Elevation 3185  
Co. Rep./Geo. KEN DEAN Cont. SWEETMAN RIG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 34 Twp. 20S Rge. 35W Co. WICHITA State KS

Interval Tested 4533-4568  
Anchor Length 35  
Top Packer Depth 4528  
Bottom Packer Depth 4533  
Total Depth 4568

Drill Pipe Size 4.5" XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. \_\_\_\_\_ 9 lb/Gal.  
Viscosity 44 Filtrate 12.2

Tool Open @ 7:15 PM Initial Blow WEAK SURFACE BLOW DIED IN 8 MINUTES

Final Blow NO RETURN BLOW

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of DRILLING MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 114 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 9000 ppm System

(A) Initial Hydrostatic Mud 2225.6 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 19.7 PSI @ (depth) 4558 w / Clock No. 21058

(C) First Final Flow Pressure 21.9 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 74.5 PSI @ (depth) 4563 w / Clock No. 25828

(E) Second Initial Flow Pressure 21.9 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

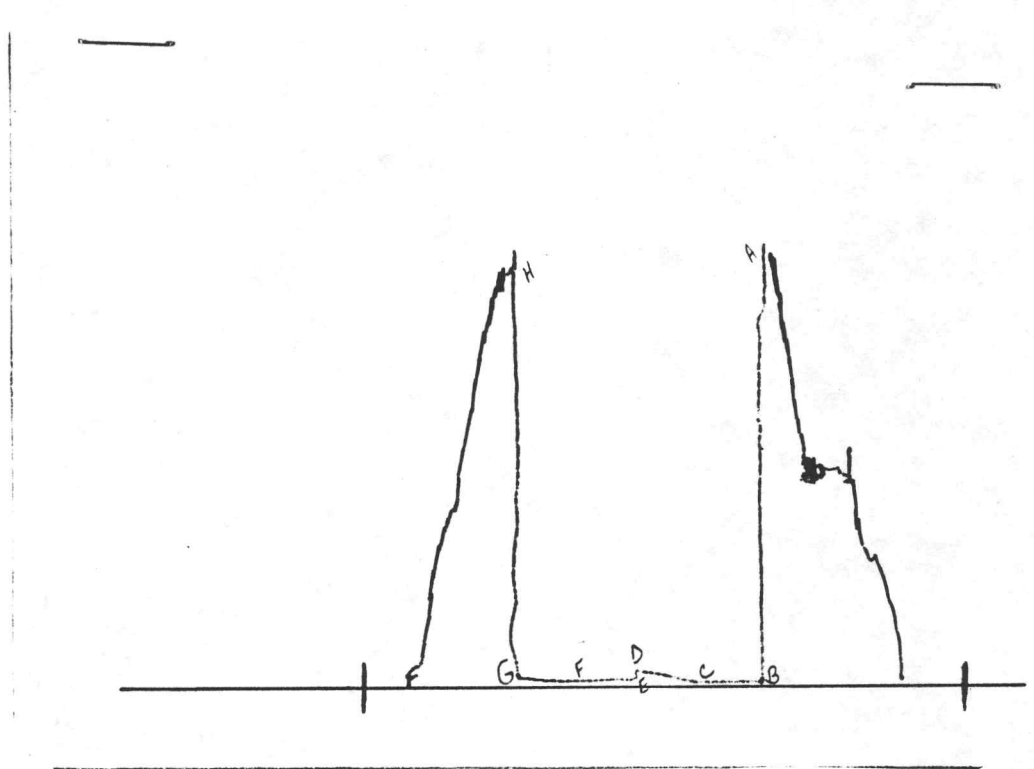
(F) Second Final Flow Pressure 21.9 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 55.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2206.3 PSI Initial Shut-in 60 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	2223	2225.6
(B) FIRST INITIAL FLOW PRESSURE	20	19.7
(C) FIRST FINAL FLOW PRESSURE	20	21.9
(D) INITIAL CLOSED-IN PRESSURE	72	74.5
(E) SECOND INITIAL FLOW PRESSURE	20	21.9
(F) SECOND FINAL FLOW PRESSURE	20	21.9
(G) FINAL CLOSED-IN PRESSURE	52	55.6
(H) FINAL HYDROSTATIC MUD	2193	2206.3

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## Drill-Stem Test Data

Well Name WILKEN "A" #1-34 Test No. 3 Date 2/26/93  
Company MCCOY PETROLEUM CORPORATION Zone PAWNEE  
Address 110 S MAIN #500 WICHITA KS 67202 Elevation 3185  
Co. Rep./Geo. KEN DEAN Cont. SWEETMAN RIG #1 Est. Ft. of Pay KS  
Location: Sec. 34 Twp. 20S Rge. 35W Co. WICHITA State KS

Interval Tested 4584-4614 Drill Pipe Size 4.5" XH  
Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4579 Drill Collar - 2.25 Ft. Run 280  
Bottom Packer Depth 4584 Mud Wt. 9.1 lb/Gal.  
Total Depth 4614 Viscosity 47 Filtrate 11.2

Tool Open @ 9:00 PM Initial Blow WEAK SURFACE BLOW DIED IN 6 MINUTES

Final Blow NO RETURN 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 114 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 15000 ppm System

(A) Initial Hydrostatic Mud 1925.6 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 35.4 PSI @ (depth) 4604 w / Clock No. 26191

(C) First Final Flow Pressure 35.4 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 729.4 PSI @ (depth) 4609 w / Clock No. 25828

(E) Second Initial Flow Pressure 35.4 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

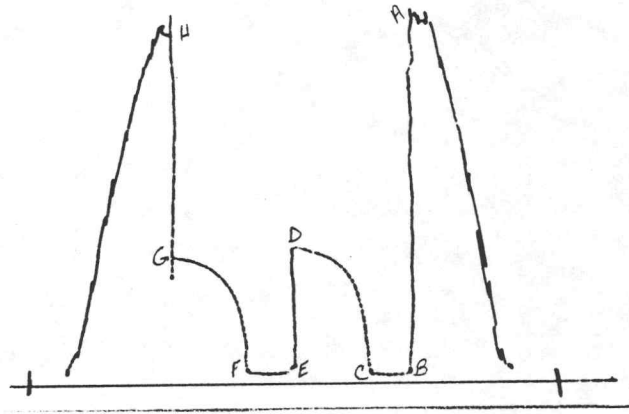
(F) Second Final Flow Pressure 35.4 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 666.4 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1894.7 PSI Initial Shut-in 60 Final Shut-in 60

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CHART PAGE



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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1922	1925.6
(B) FIRST INITIAL FLOW PRESSURE	31	35.4
(C) FIRST FINAL FLOW PRESSURE	31	35.4
(D) INITIAL CLOSED-IN PRESSURE	709	729.4
(E) SECOND INITIAL FLOW PRESSURE	31	35.4
(F) SECOND FINAL FLOW PRESSURE	31	35.4
(G) FINAL CLOSED-IN PRESSURE	659	666.4
(H) FINAL HYDROSTATIC MUD	1892	1894.7

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## Drill-Stem Test Data

Well Name WILKEN "A" #1-34 Test No. 4 Date 2/27/93  
Company MCCOY PETROLEUM CORPORATION Zone FT SCOTT  
Address 110 S MAIN #500 WICHITA KS 67202 Elevation 3185  
Co. Rep./Geo. KEN DEAN Cont. SWEETMAN RIG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 34 Twp. 20S Rge. 35W Co. WICHITA State KS

Interval Tested	<u>4617-4645</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>28</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4612</u>	Drill Collar - 2.25 Ft. Run	<u>280</u>
Bottom Packer Depth	<u>4617</u>	Mud Wt.	<u>9.1</u> lb/Gal.
Total Depth	<u>4645</u>	Viscosity	<u>53</u>
		Filtrate	<u>9.6</u>

Tool Open @ 1:15 PM Initial Blow VERY WEAK SURFACE BLOW DIED IN 2 MINUTES

Final Blow NO RETURN BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD WITH SPECKS OF OIL IN TOOL  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 115 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 12000 ppm System

(A) Initial Hydrostatic Mud 2285.6 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 21.9 PSI @ (depth) 4635 w / Clock No. 26191

(C) First Final Flow Pressure 21.9 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 87.3 PSI @ (depth) 4640 w / Clock No. 27573

(E) Second Initial Flow Pressure 35.4 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

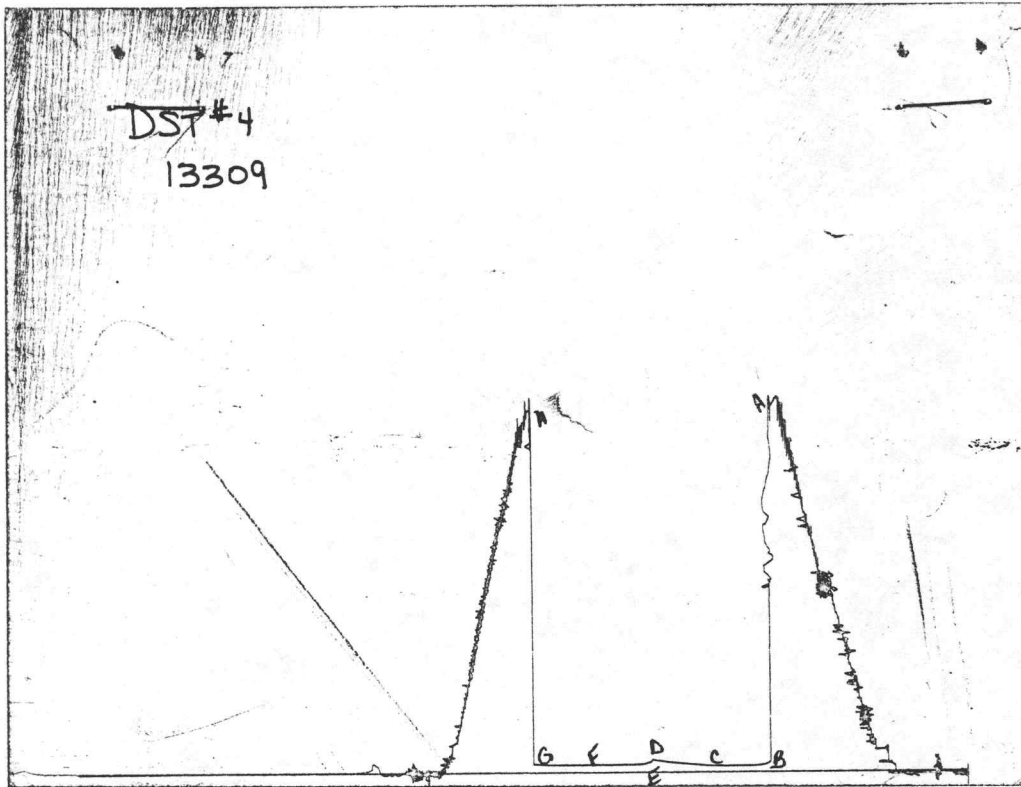
(F) Second Final Flow Pressure 35.4 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 43.5 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2235.6 PSI Initial Shut-in 60 Final Shut-in 60

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# CHART PAGE



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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2283	2285.6
(B) FIRST INITIAL FLOW PRESSURE	20	21.9
(C) FIRST FINAL FLOW PRESSURE	20	21.9
(D) INITIAL CLOSED-IN PRESSURE	83	87.3
(E) SECOND INITIAL FLOW PRESSURE	31	35.4
(F) SECOND FINAL FLOW PRESSURE	31	35.4
(G) FINAL CLOSED-IN PRESSURE	41	43.5
(H) FINAL HYDROSTATIC MUD	2233	2235.6

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## Drill-Stem Test Data

Well Name WILKEN "A" #1-34 Test No. 5 Date 2/28/93  
Company MCCOY PETROLEUM CORPORATION Zone CHER/ATOKA  
Address 110 S MAIN #500 WICHITA KS 67202 Elevation 3185  
Go. Rep./Geo. KEN DEAN Cont. SWEETMAN RIG #1 Est. Ft. of Pay 7  
Location: Sec. 34 Twp. 20S Rge. 35W Co. WICHITA State KS

Interval Tested 4726-4822  
Anchor Length 96  
Top Packer Depth 4721  
Bottom Packer Depth 4726  
Total Depth 4822

Drill Pipe Size 4.5" XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run 218  
Mud Wt. \_\_\_\_\_ 8.8 lb/Gal.  
Viscosity 50 Filtrate 10

Tool Open @ 5:30 PM Initial Blow FAIR 1" BLOW DECREASING IN 11 MINUTES BACK TO  
1/4" BLOW @ FINAL  
Final Blow SURGE AT OPEN - NO RETURN

Recovery - Total Feet 100 Flush Tool? NO

Rec. 100 Feet of SLIGHTLY OIL CUT MUD-2%OIL/98%MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 118 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 18000 ppm System

(A) Initial Hydrostatic Mud 2326.6 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 62.4 PSI @ (depth) 4741 w / Clock No. 26191

(C) First Final Flow Pressure 55.1 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 1142.5 PSI @ (depth) 4817 w / Clock No. 27573

(E) Second Initial Flow Pressure 80.0 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

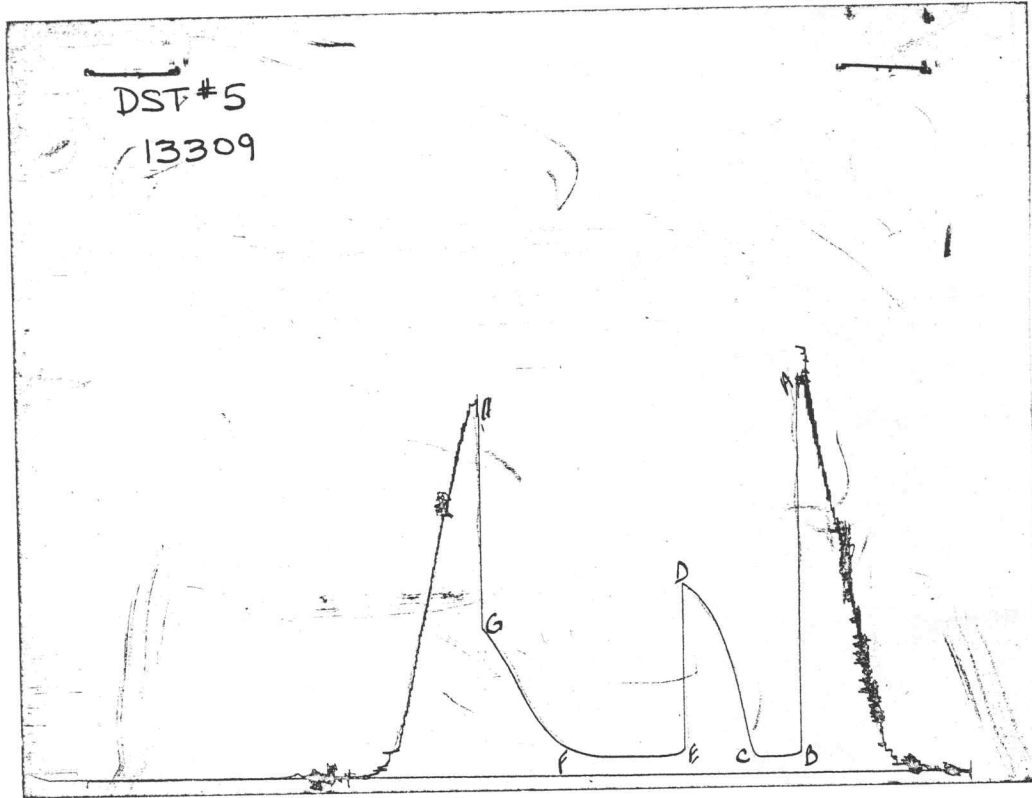
(F) Second Final Flow Pressure 67.5 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 874.7 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2239.4 PSI Initial Shut-in 60 Final Shut-in 90

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CHART PAGE



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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2323	2326.6
(B) FIRST INITIAL FLOW PRESSURE	62	62.4
(C) FIRST FINAL FLOW PRESSURE	62	55.1
(D) INITIAL CLOSED-IN PRESSURE	1140	1142.5
(E) SECOND INITIAL FLOW PRESSURE	62	80
(F) SECOND FINAL FLOW PRESSURE	62	67.5
(G) FINAL CLOSED-IN PRESSURE	869	874.7
(H) FINAL HYDROSTATIC MUD	2243	2239.4