

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name KLINE #1-A Test No. 1 Date 3/8/92
Company SHEETS OIL COMPANY Zone Tested MISSISSIPPI
Address 1333 W. 120th #310 WESTMINSTER CO Elevation 2271
Co. Rep./Geo. RICH O'DONNELL Cont. ALLEN DRLG Est. Ft. of Pay 24
Location: Sec. 5 Twp. 21S Rge. 24W Co. HODGEMAN State KS

Interval Tested 4320-4376 Drill Pipe Size 4.5 XH
Anchor Length 56 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4315 Drill Collar - 2.25 Ft. Run 529
Bottom Packer Depth 4320
Total Depth 4376

Mud Wt. 9.3 lb / gal. Viscosity 46 Filtrate 8

Tool Open @ 6:15 PM Initial Blow WEAK 1/4" BLOW & DIED IN 15 MINUTES
ISI: BLED OFF & NO BLOW BACK
Final Blow _____

Recovery - Total Feet 3 Flush Tool? NO

Rec. 3 Feet of MUD

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 5000 ppm System

(A) Initial Hydrostatic Mud 2110.4 PSI Ak1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 62.3 PSI @ (depth) 4323 w/Clock No. 25814

(C) First Final Flow Pressure 34.7 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 71.8 PSI @ (depth) 4373 w/Clock No. 27585

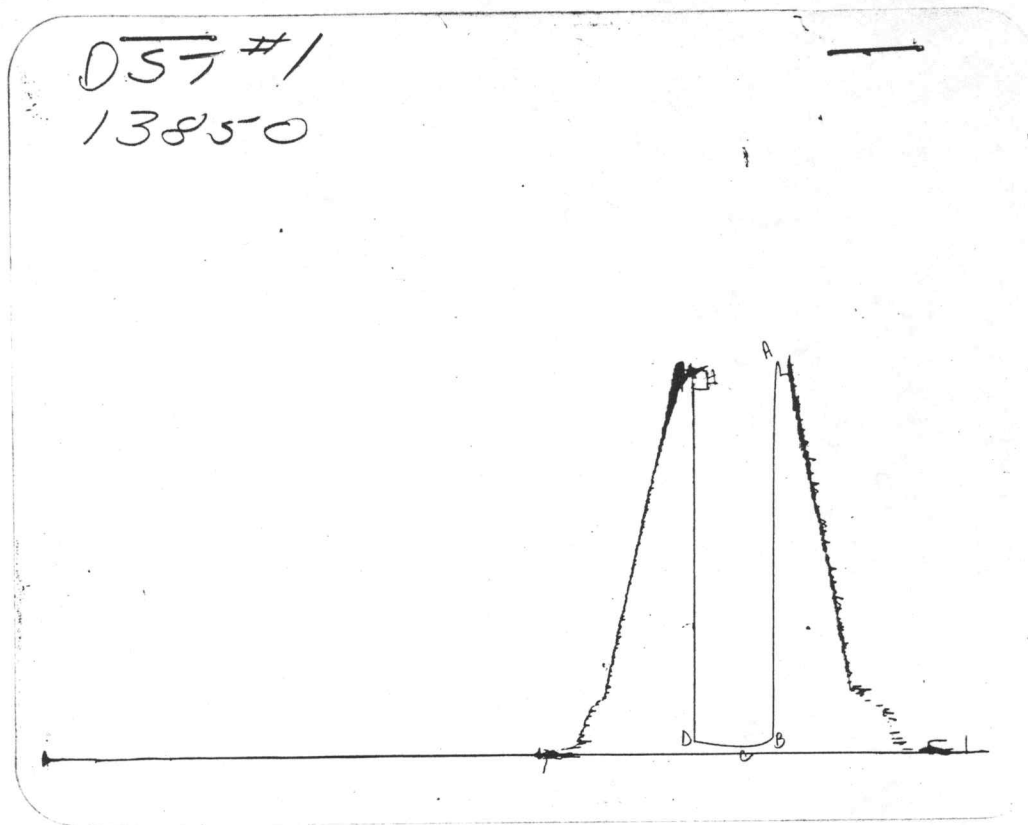
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

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

(G) Final Shut-in Pressure _____ PSI Initial Opening 20 Final Flow _____

(H) Final Hydrostatic Mud 2070.8 PSI Initial Shut-in 40 Final Shut-in _____

Our Representative DANNY MORGAN TOTAL PRICE \$ 800



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2107	2110.4
(B) FIRST INITIAL FLOW PRESSURE	55	62.3
(C) FIRST FINAL FLOW PRESSURE	33	34.7
(D) INITIAL CLOSED-IN PRESSURE	66	71.8
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2062	2070.8

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Drill-Stem Test Data

Well Name KLINE #1-A Test No. 2 Date 3/9/92
Company SHEETS OIL COMPANY Zone Tested MISS/WARSAW
Address 1333 W. 120th #310 WESTMINSTER CO Elevation 2271
Co. Rep./Geo. RICH O'DONNELL Cont. ALLEN DRLG Est. Ft. of Pay _____
Location: Sec. 5 Twp. 21S Rge. 24W Co. HODGEMAN State KS

Interval Tested 4375-4389 Drill Pipe Size 4.5 XH
Anchor Length 14 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4370 Drill Collar - 2.25 Ft. Run 529
Bottom Packer Depth 4375
Total Depth 4389

Mud Wt. 9.2 lb / gal. Viscosity 47 Filtrate 8

Tool Open @ 7:15 AM Initial Blow WEAK SURFACE BLOW DIED IN 15 MINUTES-FLUSHED TOOL
GOT SURGE
Final Blow SAME AS INITIAL

Recovery - Total Feet 5 Flush Tool? YES

Rec. 5 Feet of OIL CUT MUD-1%OIL/99%MUD

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 5000 ppm System

(A) Initial Hydrostatic Mud 2155.3 PSI Ak1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 47.5 PSI @ (depth) 4378 w/Clock No. 27585

(C) First Final Flow Pressure 34.7 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 855.6 PSI @ (depth) 4385 w/Clock No. 25814

(E) Second Initial Flow Pressure 47.5 PSI AK1 Recorder No. _____ Range _____

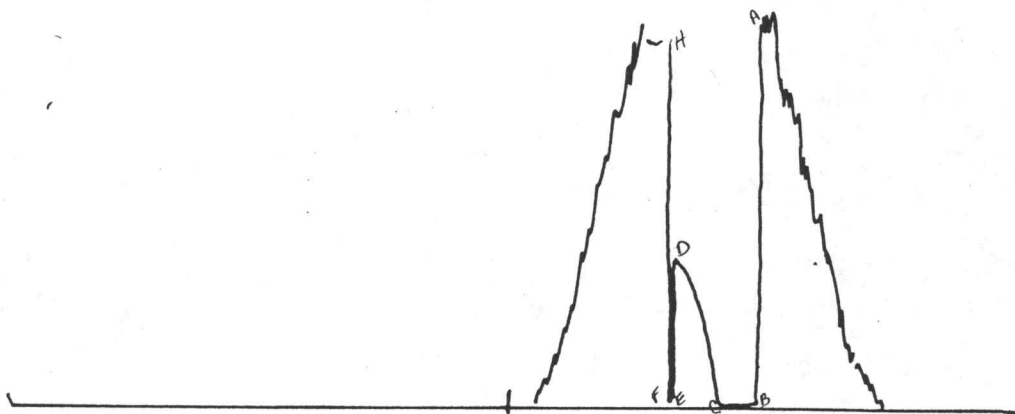
(F) Second Final Flow Pressure 34.7 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 20 Final Flow 5

(H) Final Hydrostatic Mud 2122.3 PSI Initial Shut-in 40 Final Shut-in _____

Our Representative DANNY MORGAN

TOTAL PRICE \$ 550



POINT This is an actual photograph of recorder chart PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2140	2155.3
(B) FIRST INITIAL FLOW PRESSURE	44	47.5
(C) FIRST FINAL FLOW PRESSURE	33	34.7
(D) INITIAL CLOSED-IN PRESSURE	849	855.6
(E) SECOND INITIAL FLOW PRESSURE	44	47.5
(F) SECOND FINAL FLOW PRESSURE	33	34.7
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2118	2122.3

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Drill-Stem Test Data

Well Name KLINE #1-A Test No. 3 Date 3/9/92
Company SHEETS OIL COMPANY Zone Tested MISSISSIPPI
Address 1333 W. 120th #310 WESTMINSTER CO Elevation 2271
Co. Rep./Geo. RICH O'DONNELL Cont. ALLEN DRLG Est. Ft. of Pay _____
Location: Sec. 5 Twp. 21S Rge. 24W Co. HODGEMAN State KS

Interval Tested 4375-4402 Drill Pipe Size 4.5 XH
Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4370 Drill Collar - 2.25 Ft. Run 529
Bottom Packer Depth 4375
Total Depth 4402

Mud Wt. 9.3 lb / gal. Viscosity 49 Filtrate 9.6

Tool Open @ 8:30 PM Initial Blow WEAK 3/8" BLOW THROUGHOUT
BLD OFF BLOW-WEAK 1/4" BLOW BACK DECREASED TO SURFACE BLOW
Final Blow WEAK SURFACE BLOW DIED IN 8 MINUTES

Recovery - Total Feet 15 Flush Tool? NO

Rec. 15 Feet of OIL CUT MUD-10%OIL/90%MUD

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 2240.7 PSI Ak1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 45.5 PSI @ (depth) 4378 w/Clock No. 27585

(C) First Final Flow Pressure 45.5 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 910.2 PSI @ (depth) 4399 w/Clock No. 25814

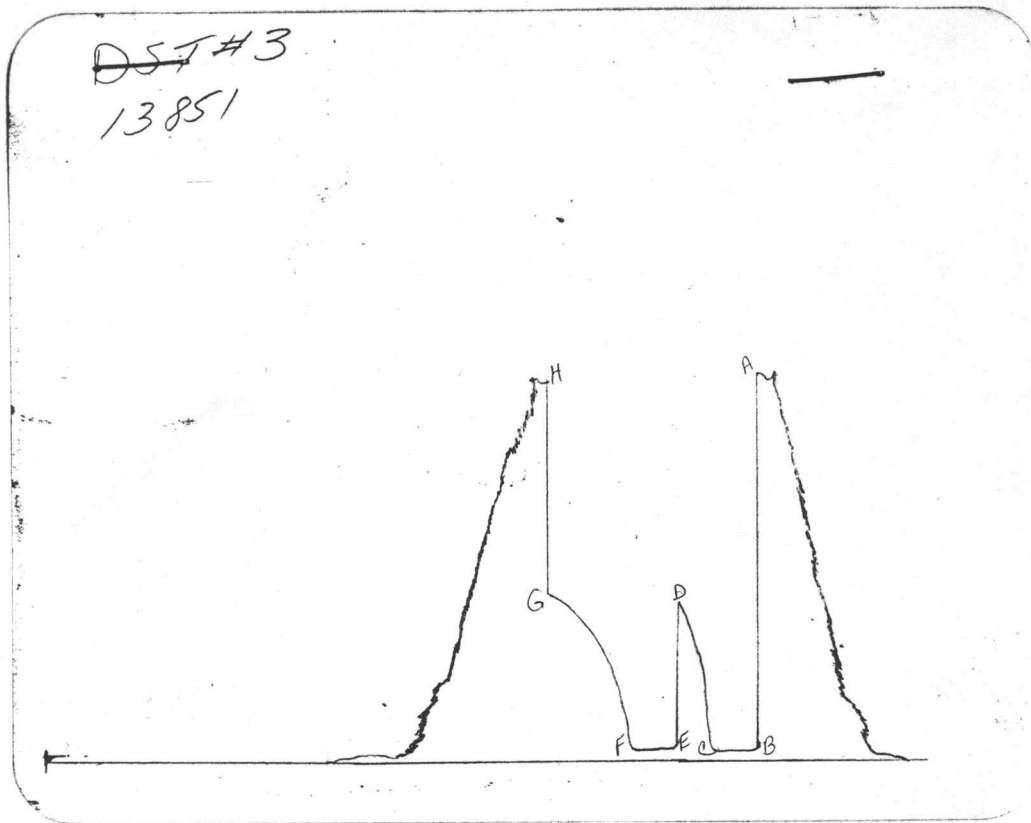
(E) Second Initial Flow Pressure 60.9 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 60.9 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 953.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2207.8 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative DANNY MORGAN TOTAL PRICE \$ 550



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2235	2240.7
(B) FIRST INITIAL FLOW PRESSURE	42	45.5
(C) FIRST FINAL FLOW PRESSURE	42	45.5
(D) INITIAL CLOSED-IN PRESSURE	906	910.2
(E) SECOND INITIAL FLOW PRESSURE	53	60.9
(F) SECOND FINAL FLOW PRESSURE	53	60.9
(G) FINAL CLOSED-IN PRESSURE	948	953.7
(H) FINAL HYDROSTATIC MUD	2203	2207.8