

TRILOBITE TESTING, L.L.C.

P.O. Box 362 * Hays, Kansas 67601

Drill-Stem Test Data

Well Name YOUNG TRUST 'C' #1 Test No. 1 Date 4/20/95
Company PICKRELL DRILLING COMPANY, INC Zone KRIDER
Address 110 N MARKET #205, WICHITA KS 67202 Elevation 3010 KB - GL
Co. Rep./Geo. BILL KLAVER Est. Ft. of Pay - Por. - %
Cont. PICKRELL #10 Location 36-19S-34W Co. SCOTT State KS

Interval Tested 2645-2708 Initial Str Wt./Lbs. - Unseated Str Wt./Lbs. -
Anchor Length 63 Wt. Set Lbs. - Wt. Pulled loose/Lbs. -
Top Packer Depth 2640 Hole Size - 7 7/8" - Rubber Size - 6 3/4" -
Bottom Packer Depth 2645 Wt. Pipe I.D. - 2.7 Ft. Run -
Total Depth 2708 Drill Collar - 2.25 Ft. Run 174
Mud Wt. - Lmc - Vis - WI - Drill Pipe Size 4.5XH Ft Run -

Blow Description

TOOL SLID 1' , 1" SURGE BLOW DIED IN 20 MINS

NO RETURN BLOW

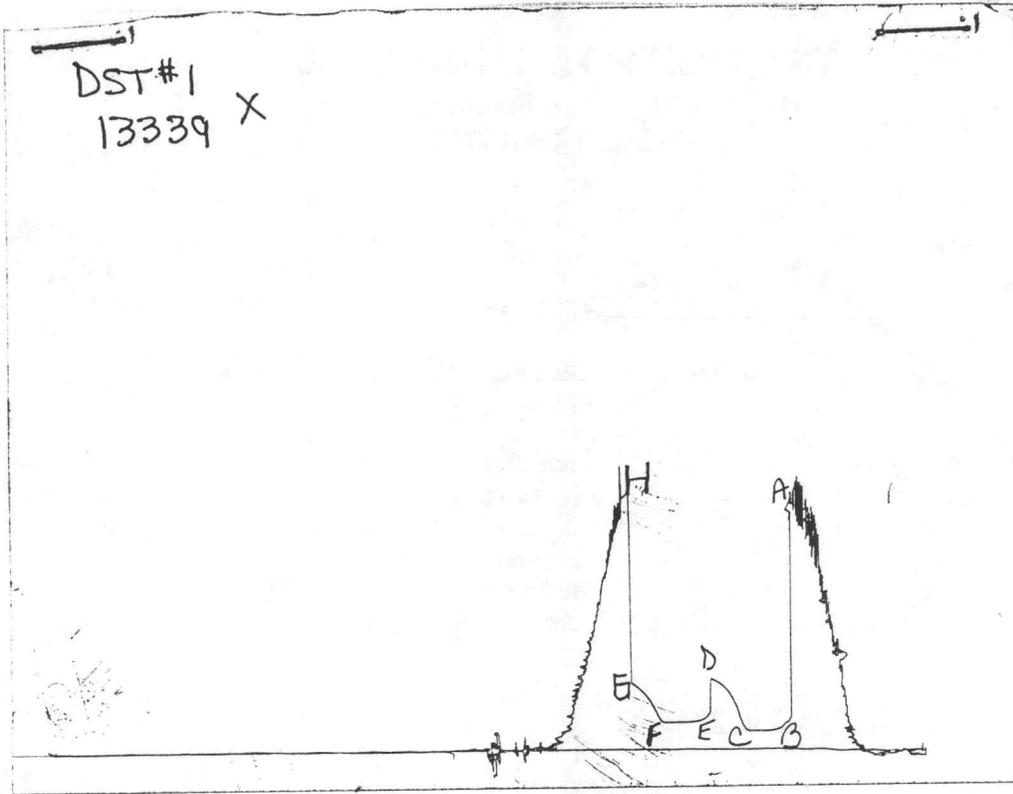
Recovery - Total Feet 190 Ft. in DC 174 Ft. in WP - Ft. in DP 16
Rec. 70 Feet of DRILLING MUD
Rec. 120 Feet of SLIGHTLY GAS CUT MUD - 5% GAS, 95% MUD
Rec. - Feet of -
Rec. - Feet of -
Rec. - Feet of -
Rec. - Feet of -

BHT 118 F Gravity - API D@ - F Corrected Gravity - API
RW - @ - F Chlorides - ppm Recovery - ppm System

(A) Initial Hydrostatic Mud 1359 Recorder No 13615 T-started -
(B) First Initial Flow Pressure 98 @ Depth 2675 T-open 335
(C) First Final Flow Pressure 98 Recorder No 13339 T-pulled -
(D) Initial Shut-in Pressure 382 @ Depth 2703 T-out -
(E) Second Initial Flow Pressure 142 Recorder No -
(F) Second Final Flow Pressure 142 @ Depth -
(G) Final Shut-in Pressure 358 Initial Opening 30
(H) Final Hydrostatic Mud 1334 Initial Shut-in 30
Final Flow 30
Final Shut-in 30

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1341	1359.00
(B) FIRST INITIAL FLOW PRESSURE	62	98.00
(C) FIRST FINAL FLOW PRESSURE	62	98.00
(D) INITIAL CLOSED-IN PRESSURE	343	382.00
(E) SECOND INITIAL FLOW PRESSURE	104	142.00
(F) SECOND FINAL FLOW PRESSURE	104	142.00
(G) FINAL CLOSED-IN PRESSURE	332	358.00
(H) FINAL HYDROSTATIC MUD	1321	1334.00

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Drill-Stem Test Data

Well Name YOUNG TRUST 'C' #1 Test No. 2 Date 04/24/95
Company PICKRELL DRILLING CO., INC Zone MARMATON
Address 110 N MARKET, SUITE 205, WICHITA KS Elevation 3010
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL #10 Est. Ft. of Pay _____
Location: Sec. 36 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4376-4486 Drill Pipe Size 4.5" XH
Anchor Length 110 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4371 Drill Collar - 2.25 Ft. Run 90
Bottom Packer Depth 4376 Mud Wt. 9.3 lb/Gal.
Total Depth 4486 Viscosity 51 Filtrate 8

Tool Open @ 11:05 PM Initial Blow VERY WEAK SURFACE BLOW, DIED IN 6 MIN

Final Blow NO RETURN BLOW

Recovery - Total Feet 90 Flush Tool? NO

Rec. 90 Feet of MUDDY WATER - 75% WATER, 25% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 129 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 1.1 @ 70 °F Chlorides 6000 ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 2263.50 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 85.30 PSI @ (depth) 4396 w / Clock No. 23832

(C) First Final Flow Pressure 85.30 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 1258.00 PSI @ (depth) 4481 w / Clock No. 17640

(E) Second Initial Flow Pressure 114.40 PSI AK1 Recorder No. _____ Range _____

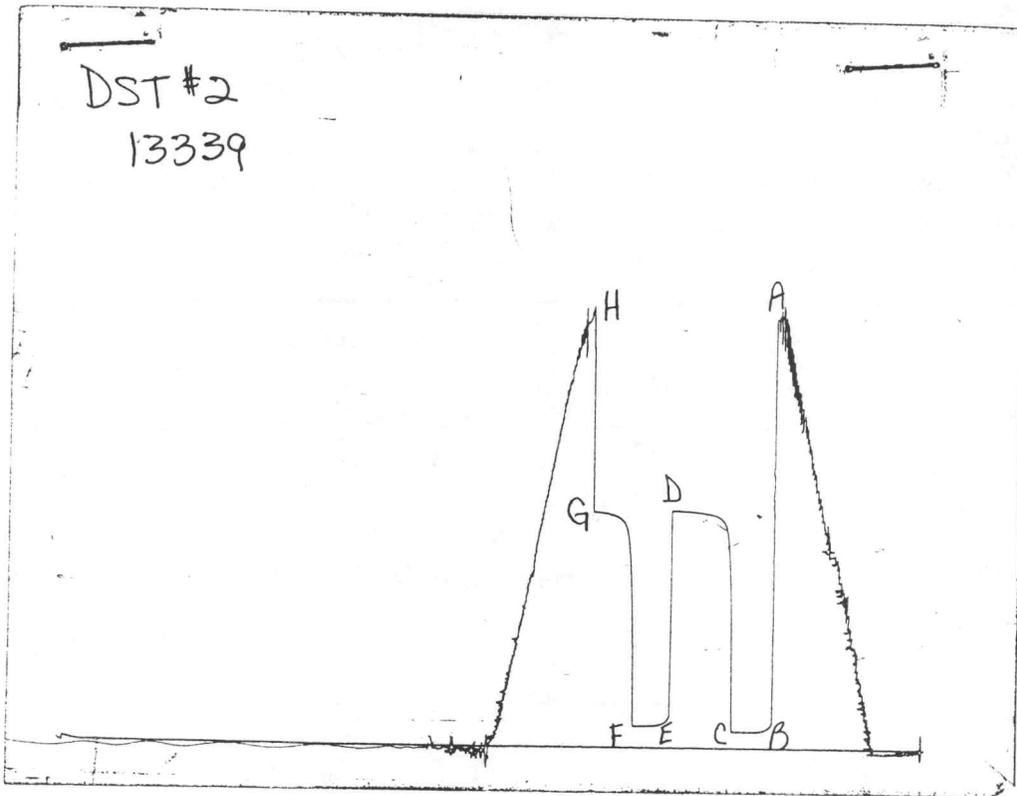
(F) Second Final Flow Pressure 114.40 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1241.90 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2313.60 PSI Initial Shut-in 45 Final Shut-in 30

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CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2243	2263.50
(B) FIRST INITIAL FLOW PRESSURE	52	85.30
(C) FIRST FINAL FLOW PRESSURE	52	85.30
(D) INITIAL CLOSED-IN PRESSURE	1220	1258.00
(E) SECOND INITIAL FLOW PRESSURE	72	114.40
(F) SECOND FINAL FLOW PRESSURE	72	114.40
(G) FINAL CLOSED-IN PRESSURE	1220	1241.90
(H) FINAL HYDROSTATIC MUD	2223	2313.60

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Drill-Stem Test Data

Well Name YOUNG TRUST 'C' #1 Test No. 3 Date 04/25/95
Company PICKRELL DRILLING CO., INC Zone PAWNEE
Address 110 N MARKET, SUITE 205, WICHITA KS Elevation 3010
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL #10 Est. Ft. of Pay _____
Location: Sec. 36 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4490-4540 Drill Pipe Size 4.5" XH
Anchor Length 50 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4485 Drill Collar - 2.25 Ft. Run 150
Bottom Packer Depth 4490 Mud Wt. 9.2 lb/Gal.
Total Depth 4540 Viscosity 50 Filtrate 8

Tool Open @ 5:15 PM Initial Blow WEAK SURFACE BLOW, DIED IN 5 MIN

Final Blow NO RETURN BLOW

Recovery - Total Feet 15 Flush Tool? NO

Rec. 15 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 125 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5500 ppm System

(A) Initial Hydrostatic Mud 2313.60 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 90.50 PSI @ (depth) 4505 w / Clock No. 23832

(C) First Final Flow Pressure 90.50 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 177.70 PSI @ (depth) 4535 w / Clock No. 17640

(E) Second Initial Flow Pressure 91.50 PSI AK1 Recorder No. _____ Range _____

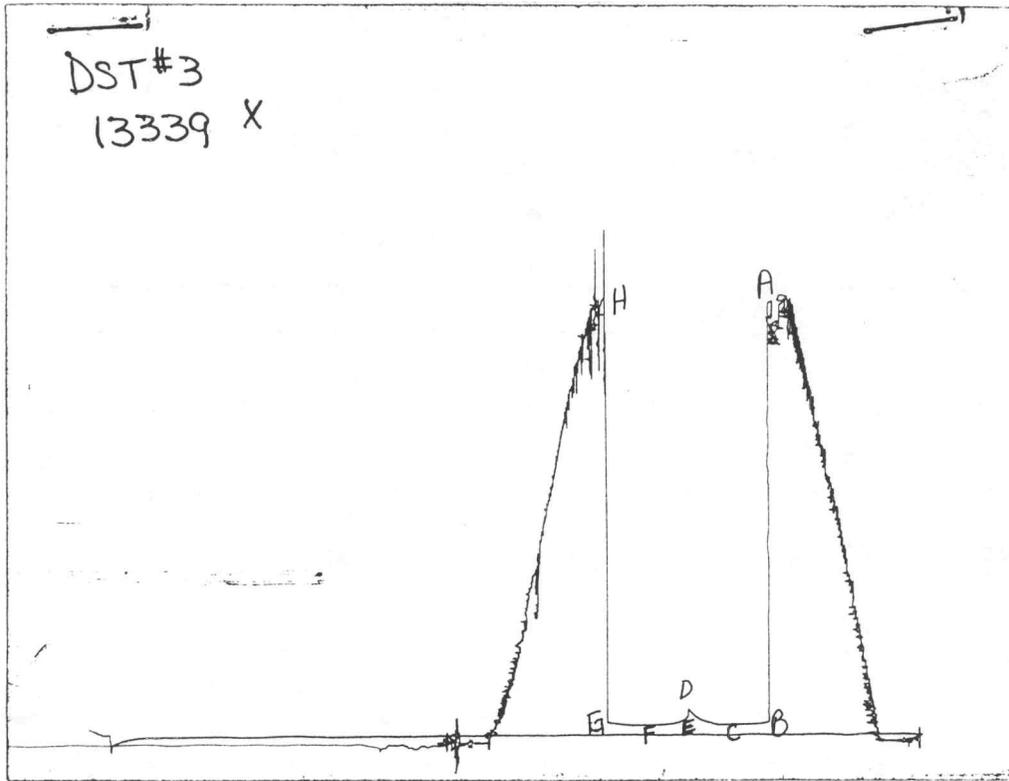
(F) Second Final Flow Pressure 91.50 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 111.30 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2297.60 PSI Initial Shut-in 30 Final Shut-in 30

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	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2243	2313.60
(B) FIRST INITIAL FLOW PRESSURE	31	90.50
(C) FIRST FINAL FLOW PRESSURE	31	90.50
(D) INITIAL CLOSED-IN PRESSURE	83	177.70
(E) SECOND INITIAL FLOW PRESSURE	31	91.50
(F) SECOND FINAL FLOW PRESSURE	31	91.50
(G) FINAL CLOSED-IN PRESSURE	62	111.30
(H) FINAL HYDROSTATIC MUD	2233	2297.60