

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name WELLS "T" #1 Test No. 1 Date 1/21/95
Company PICKRELL DRILLING COMPANY INC Zone KRIDER
Address 110 N. MARKET, WICHITA, KS 67202 Elevation 2888
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 13 Twp. 23S Rge. 31W Co. FINNEY State KS

Interval Tested 2660-2710 Drill Pipe Size 4.5" XH
Anchor Length 50 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2655 Drill Collar - 2.25 Ft. Run 150
Bottom Packer Depth 2660 Mud Wt. 9.3 lb/Gal.
Total Depth 2710 Viscosity 33 Filtrate 7

Tool Open @ 11:40AM Initial Blow WEAK, BUILDING TO 2-1/2". PLUGGED ON INITIAL SHUT IN. PLUGGING ACTION ON FLOW.

Final Blow WEAK, BUILDING TO 2 INCHES. PLUGGING ACTION ON FINAL FLOW.

Recovery - Total Feet 40 Flush Tool? NO

Rec. 40 Feet of DRILLING MUD.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 92 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 25,000 ppm System

(A) Initial Hydrostatic Mud 1409.00 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 50.20 PSI @ (depth) 2700 w / Clock No. 27501

(C) First Final Flow Pressure 59.10 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure _____ PSI @ (depth) 2706 w / Clock No. 28110

(E) Second Initial Flow Pressure 48.20 PSI AK1 Recorder No. _____ Range _____

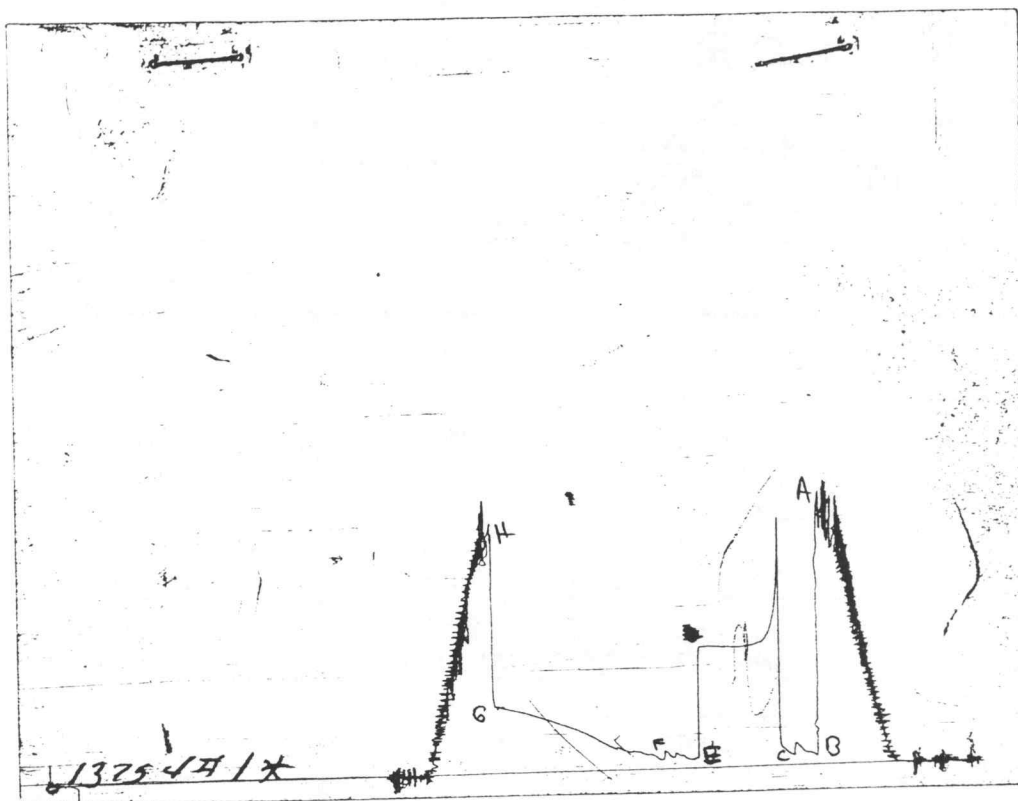
(F) Second Final Flow Pressure 97.40 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 345.50 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1288.00 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1456	2788.60
(B) FIRST INITIAL FLOW PRESSURE	49	60.70
(C) FIRST FINAL FLOW PRESSURE	98	54.70
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE	49	51.60
(F) SECOND FINAL FLOW PRESSURE	98	59.70
(G) FINAL CLOSED-IN PRESSURE	344	72.90
(H) FINAL HYDROSTATIC MUD	1286	2682.90

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 8386

Well Name & No. <u>Wells "T" #1</u>	Test No. <u>1</u>	Date <u>1-21-95</u>
Company <u>Pickrell Drilg. Co. Inc.</u>	Zone Tested <u>Krider</u>	
Address <u>110 N. Market, Wichita, KS 67202</u>	Elevation <u>2888 K.B.</u>	
Co. Rep./Geo. <u>Bill Klaver</u>	Cont. _____	Est. Ft. of Pay _____
Location: Sec. <u>13</u>	Twp. <u>23</u>	Rge. <u>31</u> Co. <u>Finney</u> state <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>2660 - 2710</u>	Drill Pipe Size <u>4 1/2 X H</u>
Anchor Length <u>50</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>2655</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>2660</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>2710</u>	Drill Collar — 2.25 Ft. Run <u>150</u>
Mud Wt. <u>9.3</u> lb/gal.	Viscosity <u>33</u> Filtrate <u>7</u>
Tool Open @ <u>11:40 a.m.</u> Initial Blow <u>Weak - building to 2 1/2"</u>	
<u>Plugged on ISI plugging action on flow</u>	
Final Blow <u>Weak - building to 2"</u>	
<u>Plugging action on FF</u>	

Recovery — Total Feet <u>40</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>40</u> Feet Of <u>D.M.</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
BHT <u>92</u> °F Gravity _____	°API @ _____ °F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>25,000</u> ppm System _____

(A) Initial Hydrostatic Mud <u>1456</u>	PSI AK1 Recorder No. <u>13754</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>49</u>	PSI @ (depth) <u>2700</u>	w/Clock No. <u>22561</u>
(C) First Final Flow Pressure <u>98</u>	PSI AK1 Recorder No. <u>13849</u>	Range <u>4375</u>
(D) Initial Shut-In Pressure _____	PSI @ (depth) <u>2706</u>	w/Clock No. <u>28110</u>
(E) Second Initial Flow Pressure <u>49</u>	PSI AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>98</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>344</u>	PSI Initial Opening <u>30</u>	Test <u>600</u>
(H) Final Hydrostatic Mud <u>1286</u>	PSI Initial Shut-In <u>60</u>	Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow <u>60</u>	Safety Joint _____
Final Shut-In <u>90</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Other _____
	TOTAL PRICE \$ <u>600</u>

Approved By Bill Klaver
 Our Representative Dan Rangle

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name WELLS "T" #1 Test No. 2 Date 1/26/95
Company PICKRELL DRILLING CORP Zone PAWNEE
Address 110 N. MARKET, WICHITA, KS 67202 Elevation 2888
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 13 Twp. 23S Rge. 31W Co. FINNEY State KS

Interval Tested 4588-4652
Anchor Length 64
Top Packer Depth 4583
Bottom Packer Depth 4588
Total Depth 4652

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 146
Mud Wt. 9.4 lb/Gal.
Viscosity 42 Filtrate 10.4

Tool Open @ 12:45PM Initial Blow VERY WEAK SURFACE BLOW - BLEW THROUGHOUT.

Final Blow NO BLOW - FLUSHED TOOL - NO HELP.

Recovery - Total Feet 40 Flush Tool? YES

Rec. 40 Feet of DRILLING MUD.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 117 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 2398.00 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 109.30 PSI @ (depth) 4647 w / Clock No. 25114

(C) First Final Flow Pressure 109.30 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 1287.30 PSI @ (depth) 4642 w / Clock No. 25828

(E) Second Initial Flow Pressure 156.90 PSI AK1 Recorder No. _____ Range _____

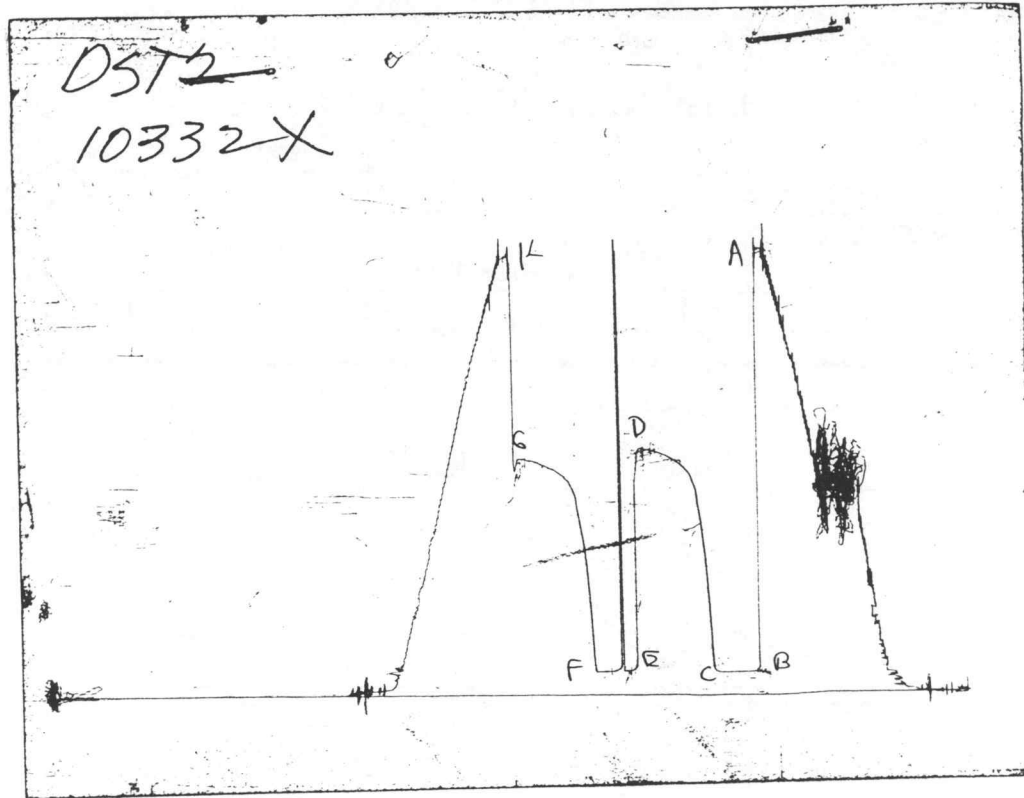
(F) Second Final Flow Pressure 113.40 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1235.90 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2363.00 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of an AK1 recorder chart

FIELD
READING

OFFICE
READING

(A) INITIAL HYDROSTATIC MUD	2378	2398.00
(B) FIRST INITIAL FLOW PRESSURE	131	109.30
(C) FIRST FINAL FLOW PRESSURE	131	109.30
(D) INITIAL CLOSED-IN PRESSURE	1326	1287.30
(E) SECOND INITIAL FLOW PRESSURE	131	156.90
(F) SECOND FINAL FLOW PRESSURE	141	113.40
(G) FINAL CLOSED-IN PRESSURE	1235	1235.90
(H) FINAL HYDROSTATIC MUD	2378	2363.00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7733

Well Name & No. Wells #1 Test No. 2 Date 1-26-95
 Company Pickrell Drilg. Co. Inc. Zone Tested Pawnee
 Address _____ Elevation 2888 EST.
 Co. Rep./Geo. Bill Klaver Cont. Company Tools Est. Ft. of Pay _____
 Location: Sec. 13 Twp. 23 Rge. 31 Co. Finney State Kan
 No. of Copies 5 Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4588-4652 Drill Pipe Size 4 1/2 x H
 Anchor Length 64' Top Choke — 1" Bottom Choke — 1/4"
 Top Packer Depth 4583 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 4588 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4652 Drill Collar — 2.25 Ft. Run 146'
 Mud Wt. 9.4 lb/gal. Viscosity 42 Filtrate 10.4
 Tool Open @ 12:45 pm Initial Blow Very weak surface blow - blew throughout
 Final Blow No blow - flush tool - no help

Recovery — Total Feet 40 Feet of Gas In Pipe _____ Flush Tool? Yes
 Rec. 40 Feet Of Drilg Mud %gas — %oil %water 100 %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud

BHT 117 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud 2378 PSI AK1 Recorder No. 10332 Range 4050
 (B) First Initial Flow Pressure 131 PSI @ (depth) 4647 w/Clock No. 25114
 (C) First Final Flow Pressure 131 PSI AK1 Recorder No. 11086 Range 4350
 (D) Initial Shut-In Pressure 1326 PSI @ (depth) 4642 w/Clock No. 25828
 (E) Second Initial Flow Pressure 131 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 141 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1235 PSI Initial Opening 30 Test ✓ 600
 (H) Final Hydrostatic Mud 2378 PSI Initial Shut-In 60 Jars _____

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Final Flow 30 Safety Joint _____
 Final Shut-In 60 Straddle _____

Approved By Bill Klaver

Our Representative Gary Speer

Printcraft Printers - Hays, KS

Circ. Sub ✓ NC
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ 600

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name WELLS "T" #1 Test No. 3 Date 1/27/95
Company PICKRELL DRILLING CORP Zone MORROW
Address 110 N. MARKET, WICHITA, KS 67202 Elevation 2888
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 13 Twp. 23S Rge. 31W Co. FINNEY State KS

Interval Tested <u>4708-4788</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>80</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4703</u>	Drill Collar - 2.25 Ft. Run <u>117</u>
Bottom Packer Depth <u>4708</u>	Mud Wt. <u>9.4</u> lb/Gal.
Total Depth <u>4788</u>	Viscosity <u>51</u> Filtrate <u>9.6</u>

Tool Open @ 4:40PM Initial Blow WEAK SURFACE BLOW, DIED IN 20 MINUTES.

Final Blow WEAK SURFACE BLOW, DIED IN 3 MINUTES. FLUSHED TOOL - NO HELP.

Recovery - Total Feet 90 Flush Tool? YES

Rec. 90 Feet of DRILLING MUD. TRACE OIL; 100% MUD.
Rec. _____ Feet of SPOT OF OIL ON TOP OF TOOL.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2500 ppm System

(A) Initial Hydrostatic Mud 2276.20 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 46.90 PSI @ (depth) 4711 w / Clock No. 25114

(C) First Final Flow Pressure 46.90 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 276.20 PSI @ (depth) 4783 w / Clock No. 25828

(E) Second Initial Flow Pressure 80.80 PSI AK1 Recorder No. _____ Range _____

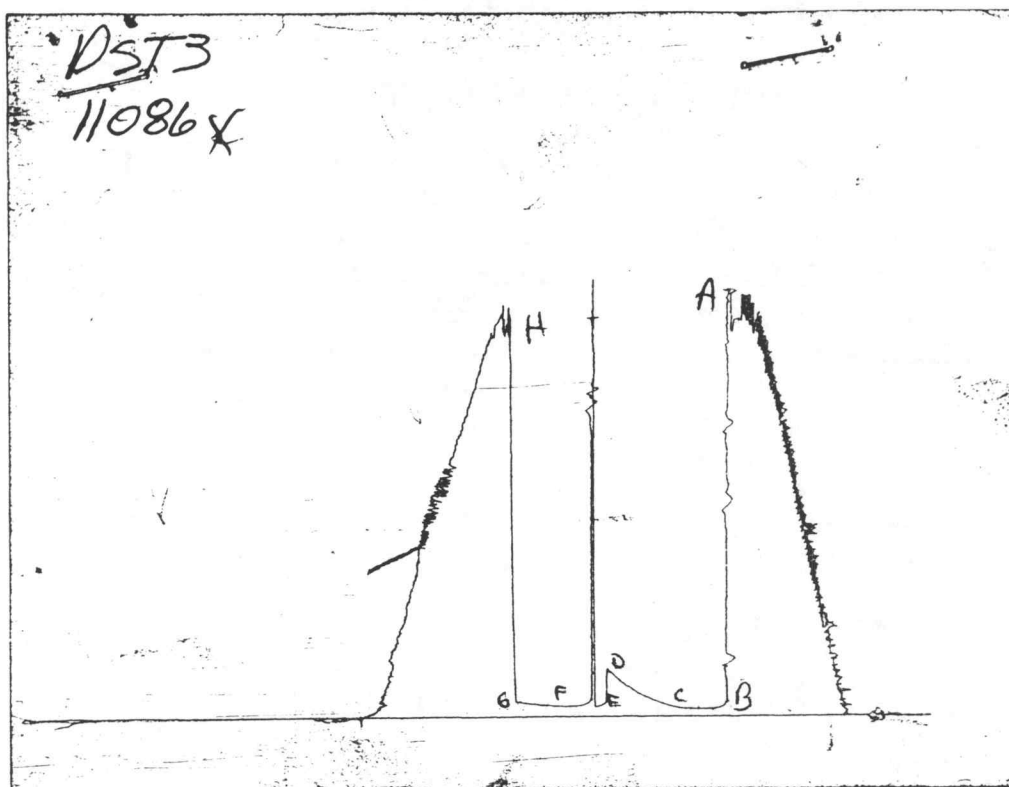
(F) Second Final Flow Pressure 60.00 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 84.10 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2232.50 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2262	2276.20
(B) FIRST INITIAL FLOW PRESSURE	32	46.90
(C) FIRST FINAL FLOW PRESSURE	32	46.90
(D) INITIAL CLOSED-IN PRESSURE	262	276.20
(E) SECOND INITIAL FLOW PRESSURE	43	80.80
(F) SECOND FINAL FLOW PRESSURE	43	60.00
(G) FINAL CLOSED-IN PRESSURE	100	84.10
(H) FINAL HYDROSTATIC MUD	2207	2232.50

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7734

Well Name & No. <u>Wells at T 1</u>	Test No. <u>3</u>	Date <u>1-27-95</u>
Company <u>Pickwell Drilling Co. Inc</u>	Zone Tested <u>Morrow</u>	
Address _____	Elevation <u>2888 EST.</u>	
Co. Rep./Geo. <u>Bill Klaver</u>	Cont. <u>Company Tools</u>	Est. Ft. of Pay _____
Location: Sec. <u>13</u> Twp. <u>23</u> Rge. <u>31</u> Co. <u>Finney</u> State <u>Kan</u>		
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4708' - 4788' Drill Pipe Size 4 1/2 x H
 Anchor Length 80' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 4703 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 4708 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4788 Drill Collar — 2.25 Ft. Run 117'
 Mud Wt. 9.4 lb/gal. Viscosity 51 Filtrate 9.6
 Tool Open @ 4:20 pm Initial Blow Weak surface blow - died in 20 min

Final Blow Weak surface blow - died in 3 min - Plus tool
No help

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>90</u>	<u>Drilling Mud</u>	<u>yes</u>
Rec. <u>90</u> Feet Of _____	%gas <u>TR</u> %oil _____ %water <u>100</u> %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of <u>Spot of oil</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of <u>on top of</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of <u>tool</u>	%gas _____ %oil _____ %water _____ %mud _____	

BHT 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2,500 ppm System

(A) Initial Hydrostatic Mud <u>2262</u>	PSI AK1 Recorder No. <u>10332</u> Range <u>4050</u>
(B) First Initial Flow Pressure <u>32</u>	PSI @ (depth) <u>4711</u> w/Clock No. <u>25114</u>
(C) First Final Flow Pressure <u>32</u>	PSI AK1 Recorder No. <u>11086</u> Range <u>4350</u>
(D) Initial Shut-In Pressure <u>262</u>	PSI @ (depth) <u>4783</u> w/Clock No. <u>25828</u>
(E) Second Initial Flow Pressure <u>43</u>	PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure <u>43</u>	PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure <u>100</u>	PSI Initial Opening <u>30</u> Test <u>✓</u> <u>600</u>
(H) Final Hydrostatic Mud <u>2207</u>	PSI Initial Shut-In <u>60</u> Jars _____

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Approved By Bill Klaver

Our Representative Gary Speer

Printcraft Printers - Hays, KS

Final Flow 30 Safety Joint _____

Final Shut-In 60 Straddle _____

Circ. Sub ✓ MC

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE \$ 1000

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name WELLS "T" #1 Test No. 4 Date 1/28/95
Company PICKRELL DRILLING CORP Zone MISSISSIPPI
Address 110 N. MARKET, WICHITA, KS 67202 Elevation 2888
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 13 Twp. 23S Rge. 31W Co. FINNEY State KS

Interval Tested <u>4793-4875</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>82</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4788</u>	Drill Collar - 2.25 Ft. Run <u>117</u>
Bottom Packer Depth <u>4793</u>	Mud Wt. <u>9.3</u> lb/Gal.
Total Depth <u>4875</u>	Viscosity <u>56</u> Filtrate <u>10.4</u>

Tool Open @ 4:15PM Initial Blow FROM SURFACE TO BOTTOM OF BUCKET IN 18 MINUTES.

INITIAL SHUT IN: FOUR INCH BLOW BACK.

Final Blow BOTTOM OF BUCKET IN 1-1/2 MINUTES. FINAL SHUT IN:
4-1/2 INCH BLOW BACK.

Recovery - Total Feet 240 Flush Tool? NO

Rec. <u>960</u>	Feet of <u>GAS IN PIPE.</u>
Rec. <u>60</u>	Feet of <u>GASSY OIL CUT MUD. 10% GAS; 15% OIL; 75% MUD.</u>
Rec. <u>120</u>	Feet of <u>GASSY MUD CUT OIL. 60% GAS; 30% OIL; 10% MUD.</u>
Rec. <u>60</u>	Feet of <u>GASSY MUD CUT OIL. 60% GAS; 20 % OIL; 20% MUD.</u>
Rec. _____	Feet of _____

BHT 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 2256.50 PSI AK1 Recorder No. 10332 Range 4050

(B) First Initial Flow Pressure 79.70 PSI @ (depth) 4795 w / Clock No. 25114

(C) First Final Flow Pressure 85.10 PSI AK1 Recorder No. 11086 Range 4350

(D) Initial Shut-in Pressure 805.00 PSI @ (depth) 4870 w / Clock No. 25828

(E) Second Initial Flow Pressure 131.00 PSI AK1 Recorder No. _____ Range _____

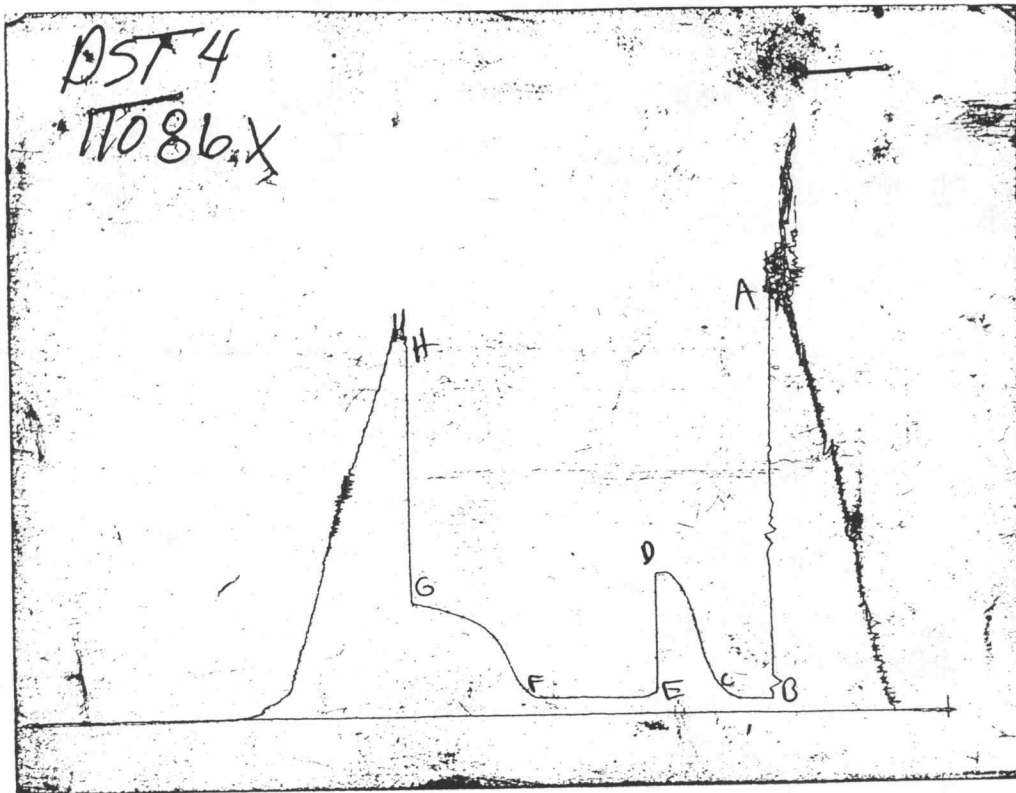
(F) Second Final Flow Pressure 105.90 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 645.40 PSI Initial Opening 30 Final Flow 90

(H) Final Hydrostatic Mud 2243.40 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative GARY SPEER

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2207	2256.50
(B) FIRST INITIAL FLOW PRESSURE	76	79.70
(C) FIRST FINAL FLOW PRESSURE	87	85.10
(D) INITIAL CLOSED-IN PRESSURE	777	805.00
(E) SECOND INITIAL FLOW PRESSURE	98	131.00
(F) SECOND FINAL FLOW PRESSURE	109	105.90
(G) FINAL CLOSED-IN PRESSURE	634	645.40
(H) FINAL HYDROSTATIC MUD	2207	2243.40

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 7735

Well Name & No. <u>Wells #1</u>	Test No. <u>4</u>	Date <u>1-28-95</u>
Company <u>Pickrell Drlg. Co. Inc.</u>	Zone Tested <u>Miss.</u>	
Address _____	Elevation <u>2888 EST.</u>	
Co. Rep./Geo. <u>Bill Klaver</u>	Cont. <u>Company Tools</u>	Est. Ft. of Pay _____
Location: Sec. <u>13</u>	Twp. <u>23</u>	Rge. <u>31</u>
Co. <u>Finney</u>	State <u>Kan</u>	
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4793 - 4875</u>	Drill Pipe Size <u>4 1/2 KH</u>
Anchor Length <u>82'</u>	Top Choke — 1" Bottom Choke — 1/4"
Top Packer Depth <u>4788</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>4793</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4875</u>	Drill Collar — 2.25 Ft. Run <u>117'</u>
Mud Wt. <u>9.3</u> lb/gal.	Viscosity <u>56</u> Filtrate <u>10.4</u>
Tool Open @ <u>4:15 pm.</u>	Initial Blow <u>from surface to bottom of bucket</u>
	<u>in 18 min. ISI - 4" blow back</u>
Final Blow <u>Bottom of bucket in 1 1/2 min.</u>	
	<u>FSI - 4 1/2" blow back</u>

Recovery — Total Feet <u>240</u>	Feet of Gas in Pipe <u>960</u>	Flush Tool? <u>NO</u>
Rec. <u>60</u> Feet Of <u>Gassy Oil Cut Mud</u>	<u>10%</u> gas <u>15%</u> oil	<u>75%</u> water <u>75%</u> mud
Rec. _____ Feet Of _____	_____ % gas _____ % oil	_____ % water _____ % mud
Rec. <u>120</u> Feet Of <u>Gassy Mud Cut oil</u>	<u>60%</u> gas <u>30%</u> oil	<u>10%</u> water <u>10%</u> mud
Rec. _____ Feet Of _____	_____ % gas _____ % oil	_____ % water _____ % mud
Rec. <u>60</u> Feet Of <u>Gassy Mud Cut oil</u>	<u>60%</u> gas <u>20%</u> oil	<u>20%</u> water <u>20%</u> mud

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

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3,000 ppm System

(A) Initial Hydrostatic Mud <u>2207</u>	PSI AK1 Recorder No. <u>10332</u>	Range <u>4050</u>
(B) First Initial Flow Pressure <u>76</u>	PSI @ (depth) <u>4795</u>	w/Clock No. <u>25114</u>
(C) First Final Flow Pressure <u>87</u>	PSI AK1 Recorder No. <u>11086</u>	Range <u>4350</u>
(D) Initial Shut-In Pressure <u>777</u>	PSI @ (depth) <u>4870</u>	w/Clock No. <u>25828</u>
(E) Second Initial Flow Pressure <u>98</u>	PSI AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>109</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>634</u>	PSI Initial Opening <u>30</u>	Test ☒ <u>600</u>
(H) Final Hydrostatic Mud <u>2207</u>	PSI Initial Shut-In <u>60</u>	Jars _____

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Final Flow 80 Safety Joint _____
Final Shut-In 90 Straddle ✓ NC

Approved By Bill Klaver

Our Representative Gary Speer

Printcraft Printers - Hays, KS

Circ. Sub ✓ NC
Sampler _____
Extra Packer _____
Other _____
TOTAL PRICE \$ 600