

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 1 Date 4/28/92
Company PICKRELL DRILLING COMPANY Zone LANSING "B"
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested	<u>3968-3992</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>24</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>3963</u>	Drill Collar - 2.25 Ft. Run	<u>180</u>
Bottom Packer Depth	<u>3968</u>	Mud Wt.	<u>8.9</u> lb/Gal.
Total Depth	<u>3992</u>	Viscosity	<u>64</u> Filtrate <u>8</u>

Tool Open @ 1:22 PM Initial Blow SLID TOOL 30' TO BOTTOM/LOSS 40' MUD
SURFACE BLOW FOR 15 MINUTES-DIED OFF

Final Blow NO BLOW FOR 5 MIN-FLUSHED TOOL/BLOW 15 SECONDS
NO BLOW

Recovery - Total Feet 180 Flush Tool? YES

Rec. 180 Feet of MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 1890 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 71.2 PSI @ (depth) 3970 w / Clock No. 7452

(C) First Final Flow Pressure 101.3 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 1389 PSI @ (depth) 3988 w / Clock No. 8698

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

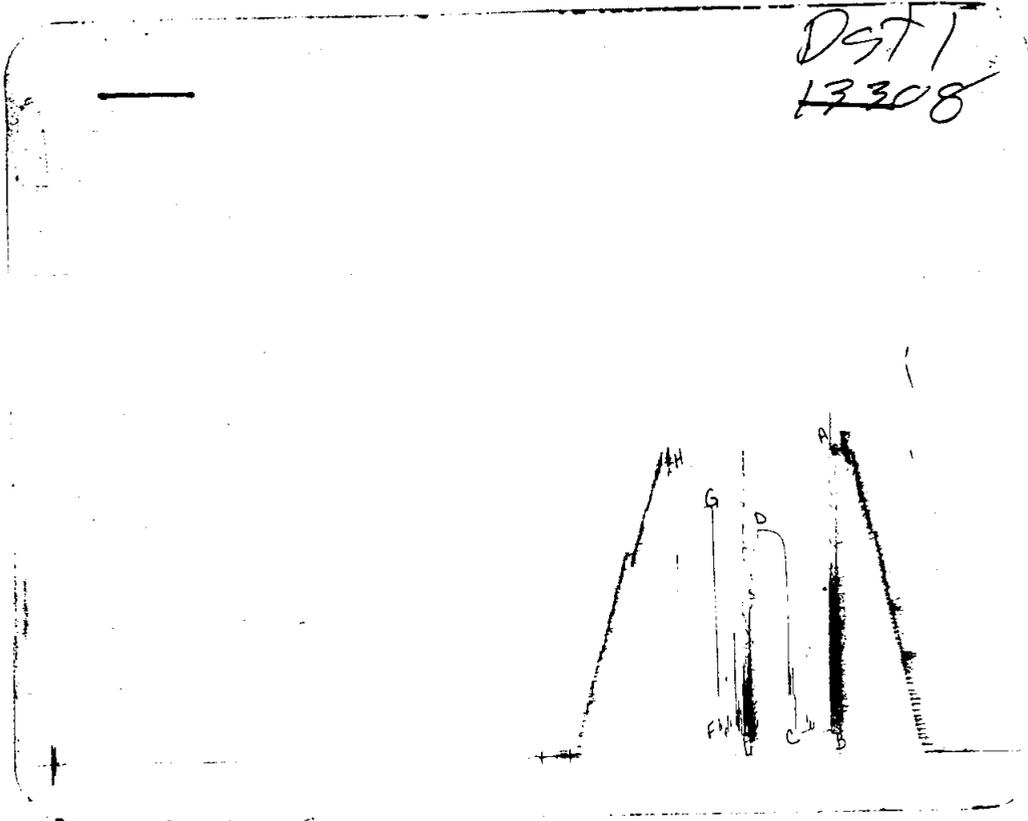
(F) Second Final Flow Pressure 121.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1534 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1534 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1888	1890.2
(B) FIRST INITIAL FLOW PRESSURE	66	71.2
(C) FIRST FINAL FLOW PRESSURE	98	101.3
(D) INITIAL CLOSED-IN PRESSURE	1381	1388.7
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE	120	121.4
(G) FINAL CLOSED-IN PRESSURE	1529	1533.6
(H) FINAL HYDROSTATIC MUD	1529	1533.6

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4572

Well Name & No. #2 BURNETT 'D' Test No. 1 Date 4-28-92
Company PICKRELL DRILLING CO. Zone Tested LANSING 'B'
Address 110 N. MARKET SUITE 205 WICHITA Elevation 2880 KB
Co. Rep./Geo. BILL KLARER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18s Rge. 30w Co. LANE State KS
No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3968-3992 Drill Pipe Size 4 1/2 X H
Anchor Length 24 Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth 3963 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 3968 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 3992 Drill Collar — 2.25 Ft. Run 180
Mud Wt. 8.9 LCM 1# lb/gal. Viscosity 6.4 Filtrate 8.0
Tool Open @ 1:22 PM Initial Blow S. Took 30' to Bottom Loss 40' of Mud
SUB BLOW FOR 15 MIN. DIES OFF
Final Blow NO BLOW 5 MIN. Flush Tool Blow 15 SEC NO BLOW

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>180</u>	<u>---</u>	<u>2:28</u>
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 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1000 ppm System
(A) Initial Hydrostatic Mud 1888 PSI AK1 Recorder No. 2023 Range 4000
(B) First Initial Flow Pressure 66 PSI @ (depth) 3970 w/Clock No. ~~7452~~
(C) First Final Flow Pressure 98 PSI AK1 Recorder No. 13308 Range 4700
(D) Initial Shut-In Pressure 13.81 PSI @ (depth) 3988 w/Clock No. ~~8698~~
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 120 PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure 1529 PSI Initial Opening 30 Test misrun
(H) Final Hydrostatic Mud 1529 PSI Initial Shut-In 30 Jars _____

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 30 Safety Joint _____
Final Shut-In 30 Straddle _____
Circ. Sub NC
Sampler _____

Approved By Bill Klarer
Our Representative Much Herstberg

TOTAL PRICE \$ 400.00

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 2 Date 4/28/92
Company PICKRELL DRILLING COMPANY Zone LANSING "B"
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested 3966-3992 Drill Pipe Size 4.5 XH
Anchor Length 26 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3961 Drill Collar - 2.25 Ft. Run 180
Bottom Packer Depth 3966 Mud Wt. _____ 8.9 lb/Gal.
Total Depth 3992 Viscosity 64 Filtrate 8

Tool Open @ 11:37 PM Initial Blow SLID TOOL 15' - LOSS 20' MUD / 1/2" BLOW TO 8"
IN 30 MINUTES
Final Blow 1/2" BLOW TO OFF BOTTOM IN 43 MINUTES

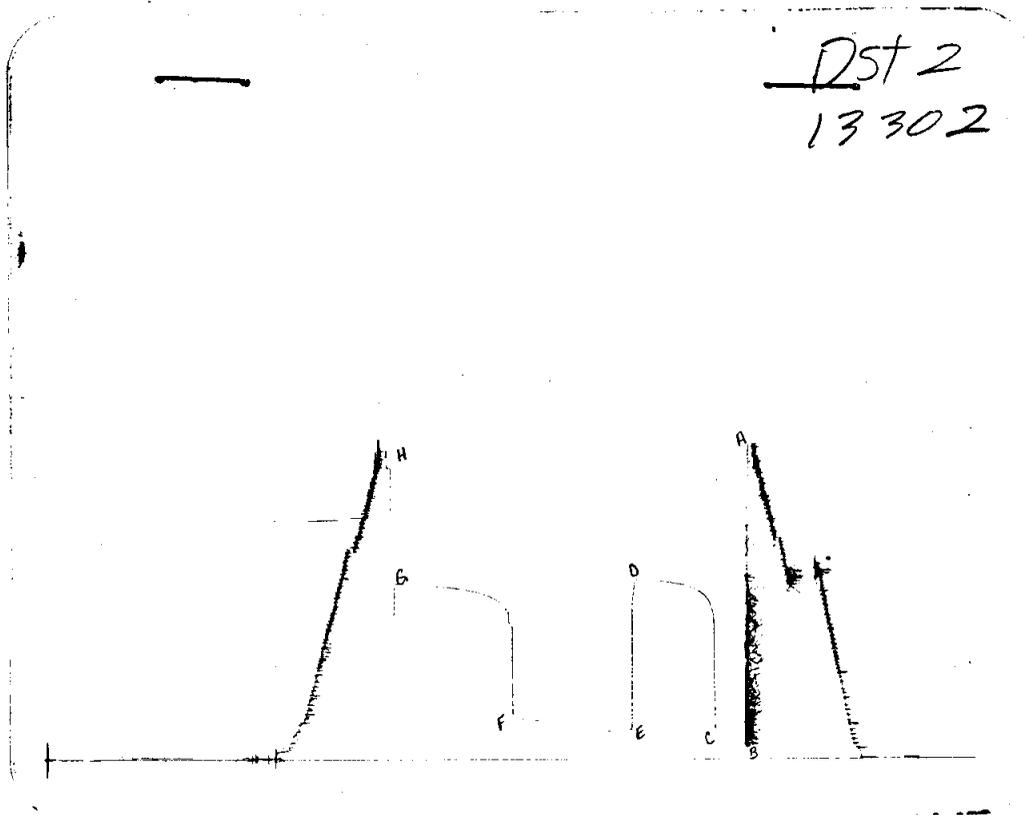
Recovery - Total Feet 585 Flush Tool? NO
Rec. 585 Feet of SLTLY MUD STAINED WATER-99%WTR/1&MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 113 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.15 @ _____ °F Chlorides 4000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 1970 PSI AK1 Recorder No. 2023 Range 4000
(B) First Initial Flow Pressure 60.7 PSI @ (depth) 3970 w / Clock No. 7452
(C) First Final Flow Pressure 101.3 PSI AK1 Recorder No. 13308 Range 4700
(D) Initial Shut-in Pressure 1096 PSI @ (depth) 3988 w / Clock No. 8695
(E) Second Initial Flow Pressure 121.4 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 230.4 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 1067 PSI Initial Opening 30 Final Flow 90
(H) Final Hydrostatic Mud 1930 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1968	1970.2
(B) FIRST INITIAL FLOW PRESSURE	55	60.7
(C) FIRST FINAL FLOW PRESSURE	98	101.3
(D) INITIAL CLOSED-IN PRESSURE	1089	1096.3
(E) SECOND INITIAL FLOW PRESSURE	120	121.4
(F) SECOND FINAL FLOW PRESSURE	225	230.4
(G) FINAL CLOSED-IN PRESSURE	1060	1066.9
(H) FINAL HYDROSTATIC MUD	1928	1930.4

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4573

Well Name & No. <u>#2 BURNETT 'D'</u>	Test No. <u>2</u>	Date <u>4-28-92</u>
Company <u>PICKRELL DRILLING CO</u>	Zone Tested <u>LANSING B</u>	
Address <u>110 N MARKET SUITE 205 WICHITA</u>	Elevation <u>2880 AB</u>	
Co. Rep./Geo. <u>BILL KLOVER</u>	Cont. <u>PICKRELL</u>	Est. Ft. of Pay _____
Location: Sec. <u>16</u>	Twp. <u>18s</u>	Rge. <u>30w.</u> Co. <u>LANE</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>3966 - 3992</u>	Drill Pipe Size <u>4 1/2 X 4</u>
Anchor Length <u>26</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3961</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3966</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>3992</u>	Drill Collar — 2.25 Ft. Run <u>180</u>
Mud Wt. <u>8.9 LUMP 1 #</u> lb/gal	Viscosity <u>64</u> Filtrate <u>8.0</u>
Tool Open @ <u>11:37 PM</u>	Initial Blow <u>S. Tool 15' LOSS 20' MUD</u>
<u>1/2" Blow to 8" IN 30 MIN</u>	
Final Blow <u>1/2 Blow to OFF BOTTOM IN 43 MIN</u>	

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
Rec. <u>585</u> Feet Of <u>S M S WATER</u>	%gas _____ %Oil <u>99</u> %water <u>1</u> %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>113</u> °F Gravity _____	°API @ _____	°F Corrected Gravity _____	°API _____
RW <u>0.15 @ 80</u> °F	Chlorides <u>40</u> ppm Recovery	Chlorides <u>1000</u> ppm System	
(A) Initial Hydrostatic Mud <u>1968</u> PSI	AK1 Recorder No. <u>2023</u>	Range <u>4000</u>	
(B) First Initial Flow Pressure <u>55</u> PSI	@ (depth) <u>3970</u>	w/Clock No. <u>752</u>	
(C) First Final Flow Pressure <u>98</u> PSI	AK1 Recorder No. <u>13308</u>	Range <u>4700</u>	
(D) Initial Shut-In Pressure <u>1089</u> PSI	@ (depth) <u>3988</u>	w/Clock No. <u>8493</u>	
(E) Second Initial Flow Pressure <u>120</u> PSI	AK1 Recorder No. _____	Range _____	
(F) Second Final Flow Pressure <u>225</u> PSI	@ (depth) _____	w/Clock No. _____	
(G) Final Shut-In Pressure <u>1060</u> PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>	
(H) Final Hydrostatic Mud <u>1928</u> PSI	Initial Shut-In <u>60</u>	Jars _____	

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Final Flow <u>90</u>	Safety Joint _____
Final Shut-In <u>90</u>	Straddle _____
	Circ. Sub <input checked="" type="checkbox"/> <u>NC</u>
	Sampler _____
	Extra Packer _____
	Other _____

Approved By Bill Klover
Our Representative Mick Hershey

TOTAL PRICE \$ 550.00

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 3 Date 4/29/92
Company PICKRELL DRILLING COMPANY Zone LANSING "C&D"
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested	<u>3990-4035</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>45</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>3985</u>	Drill Collar - 2.25 Ft. Run	<u>180</u>
Bottom Packer Depth	<u>3990</u>	Mud Wt.	<u>8.9</u> lb/Gal.
Total Depth	<u>4035</u>	Viscosity	<u>49</u>
		Filtrate	<u>8</u>

Tool Open @ 4:44 PM Initial Blow SLID TOOL 10'-LOST MUD
WEAK SURFACE BLOW TO 2" IN 30 MINUTES
Final Blow NO BLOW FOR 10 MINUTES-FLUSHED TOOL-NO BLOW 3 MIN
WEAK SURFACE BLOW TO 4.5"

Recovery - Total Feet 302 Flush Tool? YES

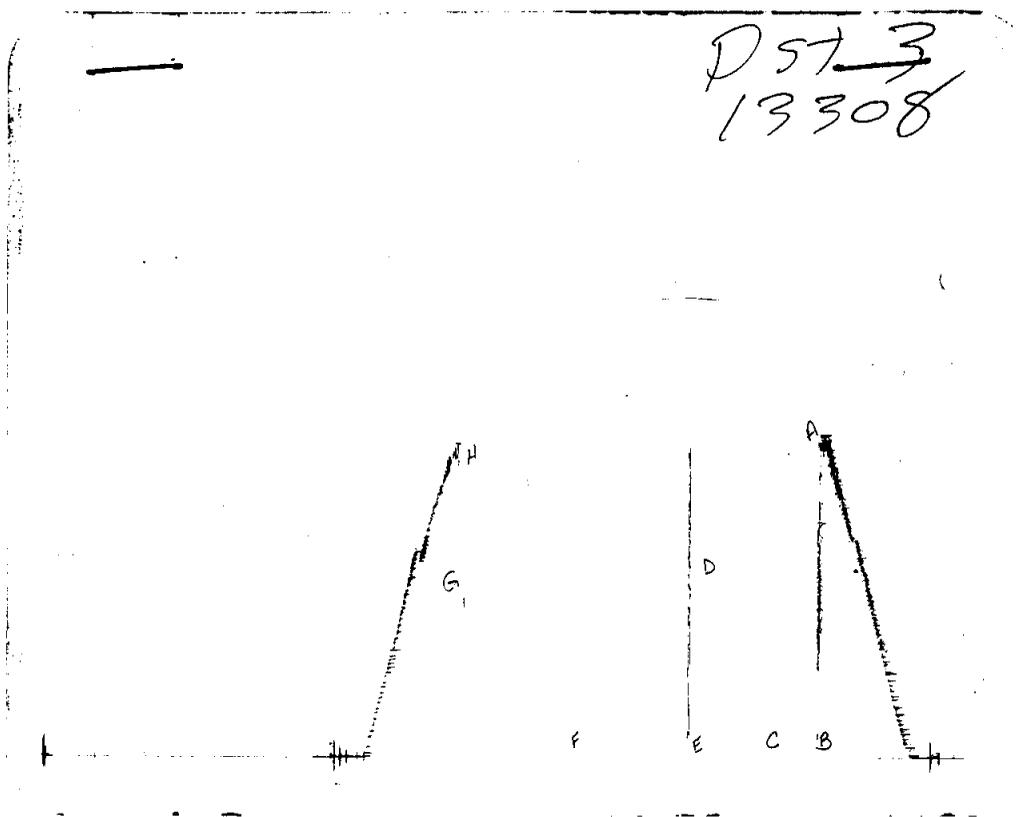
Rec. 302 Feet of MUD STAINED WATER-95%WTR/5%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 113 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.14 @ _____ °F Chlorides 48000 ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud	<u>1960.3</u> PSI	AK1 Recorder No.	<u>2023</u>	Range	<u>4000</u>
(B) First Initial Flow Pressure	<u>101.3</u> PSI	@ (depth)	<u>3995</u>	w / Clock No.	<u>7452</u>
(C) First Final Flow Pressure	<u>114.5</u> PSI	AK1 Recorder No.	<u>13308</u>	Range	<u>4700</u>
(D) Initial Shut-in Pressure	<u>1103.6</u> PSI	@ (depth)	<u>4030</u>	w / Clock No.	<u>8695</u>
(E) Second Initial Flow Pressure	<u>114.5</u> PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	<u>145.6</u> PSI	@ (depth)	_____	w / Clock No.	_____
(G) Final Shut-in Pressure	<u>1096.3</u> PSI	Initial Opening	<u>30</u>	Final Flow	<u>90</u>
(H) Final Hydrostatic Mud	<u>1930.4</u> PSI	Initial Shut-in	<u>60</u>	Final Shut-in	<u>90</u>

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1958	1960.3
(B) FIRST INITIAL FLOW PRESSURE	98	101.3
(C) FIRST FINAL FLOW PRESSURE	109	114.5
(D) INITIAL CLOSED-IN PRESSURE	1099	1103.6
(E) SECOND INITIAL FLOW PRESSURE	109	114.5
(F) SECOND FINAL FLOW PRESSURE	141	145.6
(G) FINAL CLOSED-IN PRESSURE	1089	1096.3
(H) FINAL HYDROSTATIC MUD	1928	1930.4

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4574

Well Name & No. <u>#2 BURNETT 'D'</u>	Test No. <u>3</u>	Date <u>4-29-82</u>
Company <u>PICKRELL DRILLING</u>	Zone Tested <u>LANSING C+D</u>	
Address <u>110 N MARKET STE 205 WICHITA</u>	Elevation <u>2880 RB</u>	
Co. Rep./Geo. <u>BILL KLOVER</u>	Cont. <u>PICKRELL</u>	Est. Ft. of Pay _____
Location: Sec. <u>16</u>	Twp. <u>18s</u>	Rge. <u>30W</u> Co. <u>LANE</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>3990-4035</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>45</u>	Top Choke - 1" _____ Bottom Choke - 3/4" _____
Top Packer Depth <u>3985</u>	Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
Bottom Packer Depth <u>3990</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Total Depth <u>4035</u>	Drill Collar - 2.25 Ft. Run <u>180</u>
Mud Wt. <u>8.9</u> <u>LCM TR</u> lb/gal.	Viscosity <u>49</u> Filtrate <u>8.0</u>
Tool Open @ <u>4:44 PM</u>	Initial Blow <u>Set tool 10' loss @ 0 MUD</u>
<u>WEAK SURT 2" in 30 MIN</u>	
Final Blow <u>NO BLOW FOR 10 MIN Flush tool NO BLOW 3 MIN WEAK SUR</u>	
<u>Blow to 4 1/2" in</u>	

Recovery - Total Feet <u>302</u>	Feet of Gas in Pipe _____	Flush Tool? <u>6:24</u>
Rec. <u>302</u> Feet Of <u>MS WATER</u>	% gas _____ % oil <u>95</u> % water _____ % mud <u>5</u>	
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>113</u> °F Gravity _____	°API @ _____	°F Corrected Gravity _____	°API _____
RW <u>0.14</u> @ <u>72</u> °F	Chlorides <u>48000</u> ppm	Recovery Chlorides <u>3000</u> ppm	System _____
(A) Initial Hydrostatic Mud <u>1958</u> PSI	AK1 Recorder No. <u>2023</u>	Range <u>4000</u>	
(B) First Initial Flow Pressure <u>98</u> PSI	@ (depth) <u>3995</u>	w/Clock No. <u>7452</u>	
(C) First Final Flow Pressure <u>109</u> PSI	AK1 Recorder No. <u>13308</u>	Range <u>4700</u>	
(D) Initial Shut-In Pressure <u>1099</u> PSI	@ (depth) <u>4030</u>	w/Clock No. <u>8495</u>	
(E) Second Initial Flow Pressure <u>109</u> PSI	AK1 Recorder No. _____	Range _____	
(F) Second Final Flow Pressure <u>141</u> PSI	@ (depth) _____	w/Clock No. _____	
(G) Final Shut-In Pressure <u>1089</u> PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>550</u>	
(H) Final Hydrostatic Mud <u>1928</u> PSI	Initial Shut-in <u>60</u>	Jars _____	

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Approved By Bill Klover
 Our Representative Mark Hershberg

Final Flow 90 Safety Joint _____
 Final Shut-in 40 Straddle _____
 Circ. Sub NC
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ _____

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 4 Date 4/30/92
Company PICKRELL DRILLING COMPANY Zone LKC-"H"
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested 4113-4138 Drill Pipe Size 4.5 XH
Anchor Length 25 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4108 Drill Collar - 2.25 Ft. Run 180
Bottom Packer Depth 4113 Mud Wt. 9 lb/Gal.
Total Depth 4138 Viscosity 45 Filtrate 8

Tool Open @ 1:55 PM Initial Blow SLID TOOL 15'-LOST 40' MUD
STRONG BLOW OFF BOTTOM IN 4 MINUTES
Final Blow STRONG BLOW OFF BOTTOM IN 5 MINUTEZ

Recovery - Total Feet 2120 Flush Tool? NO

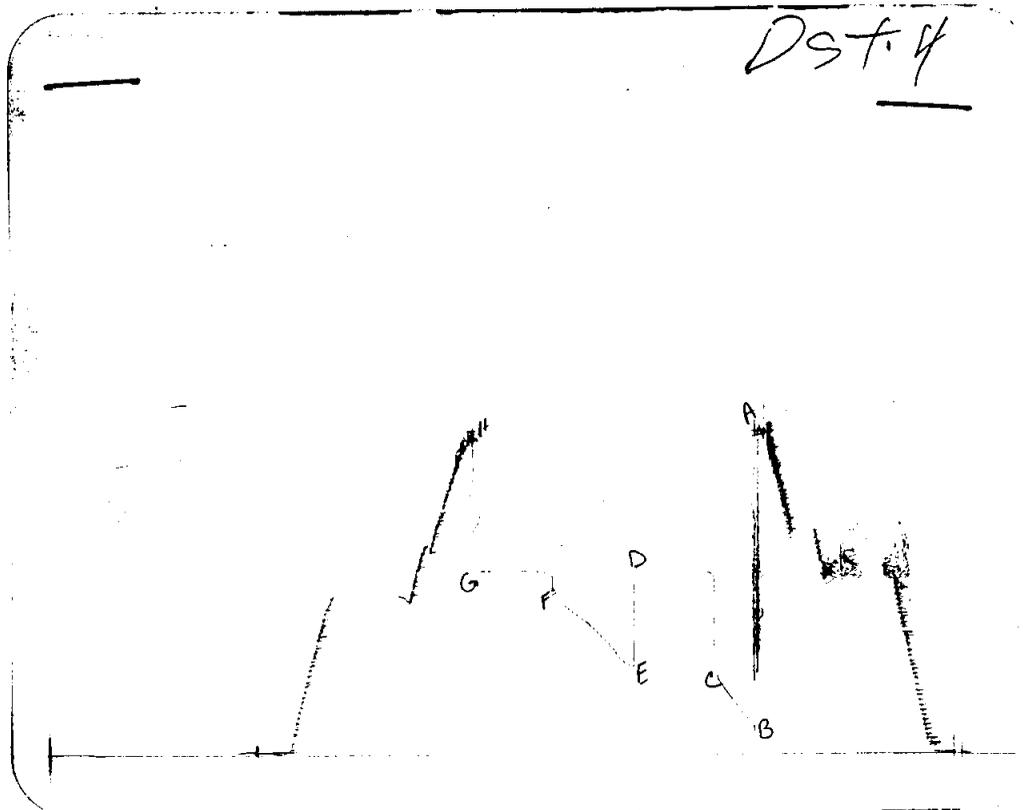
Rec. 2120 Feet of SALT WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 115 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.16 @ 85 °F Chlorides 38000 ppm Recovery Chlorides 1200 ppm System

(A) Initial Hydrostatic Mud 1996.3 PSI AK1 Recorder No. 2023 Range 4000
(B) First Initial Flow Pressure 143.7 PSI @ (depth) 4115 w / Clock No. 7452
(C) First Final Flow Pressure 453.9 PSI AK1 Recorder No. 13308 Range 4700
(D) Initial Shut-in Pressure 1120.4 PSI @ (depth) 4133 w / Clock No. 8698
(E) Second Initial Flow Pressure 510.3 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 911.2 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 1103.6 PSI Initial Opening 30 Final Flow 60
(H) Final Hydrostatic Mud 1970.5 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1988	1996.3
(B) FIRST INITIAL FLOW PRESSURE	141	143.7
(C) FIRST FINAL FLOW PRESSURE	449	453.9
(D) INITIAL CLOSED-IN PRESSURE	1118	1120.4
(E) SECOND INITIAL FLOW PRESSURE	508	510.3
(F) SECOND FINAL FLOW PRESSURE	908	911.2
(G) FINAL CLOSED-IN PRESSURE	1099	1103.6
(H) FINAL HYDROSTATIC MUD	1968	1970.5

Test Ticket

No 4575

Well Name & No. #2 BARNETT 'D' Test No. 4 Date 4-30-92
 Company PICKRELL DRILLING Zone Tested LAV-KC H
 Address 110 N MARKET STE 205 WICHITA Elevation 2880 KB
 Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
 Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4113 - 4138 Drill Pipe Size 4 1/2 XH
 Anchor Length 25 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4108 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4113 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4138 Drill Collar — 2.25 Ft. Run 180
 Mud Wt. 9.0 6 CM — lb / gal. Viscosity 45 Filtrate 8.0
 Tool Open @ 1:55 PM Initial Blow S. Tools 15' LOSS 40' MUD
STRONG Blow OFF BOTTOM IN 4 MIN
 Final Blow STRONG Blow OFF BOTTOM IN 5 MIN

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool? _____			
Rec. <u>2120</u> Feet Of	<u>S WATER</u>	%gas	%oil <u>100</u>	%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 115 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.16 @ 85 °F Chlorides 38000 ppm Recovery Chlorides 1200 ppm System
 (A) Initial Hydrostatic Mud 1948 PSI AK1 Recorder No. 2023 Range 4000
 (B) First Initial Flow Pressure 141 PSI @ (depth) 4115 w/Clock No. 7452
 (C) First Final Flow Pressure 449 PSI AK1 Recorder No. 13308 Range 4700
 (D) Initial Shut-In Pressure 1118 PSI @ (depth) 4133 w/Clock No. 8698
 (E) Second Initial Flow Pressure 508 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 908 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1099 PSI Initial Opening 30 Test SSD
 (H) Final Hydrostatic Mud 1968 PSI Initial Shut-In 60 Jars _____

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 60 Safety Joint _____
 Final Shut-In 60 Straddle _____
 Circ. Sub 35
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ 585

Approved By [Signature]
 Our Representative [Signature]

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 5 Date 5/1/92
Company PICKRELL DRILLING COMPANY Zone LKC-"L"
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested 4270-4290 Drill Pipe Size 4.5 XH
Anchor Length 20 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4265 Drill Collar - 2.25 Ft. Run 180
Bottom Packer Depth 4270 Mud Wt. _____ 9 _____ lb/Gal.
Total Depth 4290 Viscosity 48 Filtrate 7.2

Tool Open @ 6:40 PM Initial Blow SLID TOOL 15'-LOST 60' MUD 4' OFF BOTTOM
NO BLOW 6 MIN-WEAK BLOW 5 MIN/NO BLOW
Final Blow NO BLOW - FLUSHED TOOL-WEAK BLOW 30 SEC/NO BLOW
PLUGGED TOOL

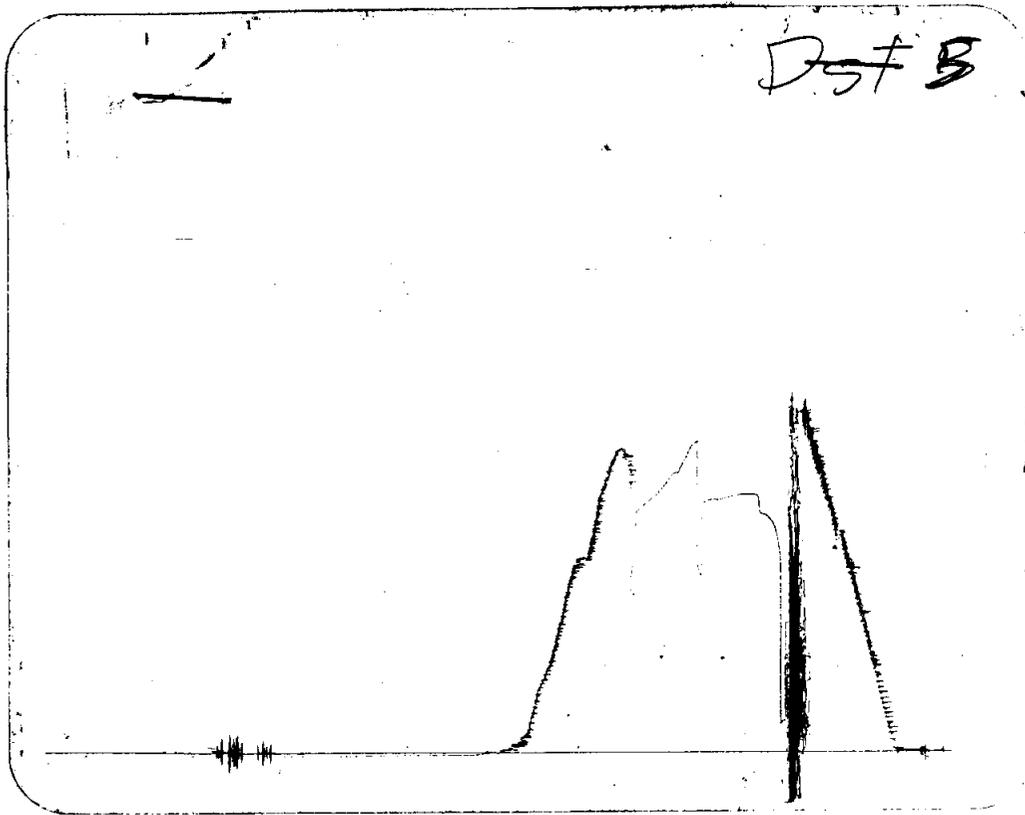
Recovery - Total Feet 120 Flush Tool? YES
Rec. 120 Feet of MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 2023 Range 4000
(B) First Initial Flow Pressure _____ PSI @ (depth) 4272 w / Clock No. 7452
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 13308 Range 4700
(D) Initial Shut-in Pressure _____ PSI @ (depth) 4285 w / Clock No. 8698
(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 30 Final Flow 30
(H) Final Hydrostatic Mud _____ PSI Initial Shut-in 30 Final Shut-in 30

Our Representative MARK HERSKOWITZ

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 COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4601

Well Name & No. #2 BURNETT 'D' Test No. 5 Date 5-1-92
 Company PICKRELL DRILLING Zone Tested LAN HC 'L'
 Address NO N. MARKET STE 205 WICHITA Elevation 2880 513
 Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
 Location: Sec. 16 Twp. 18s Rge. 30w Co. LANE State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4270 - 4290 Drill Pipe Size 4 1/2 XH
 Anchor Length 20 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4265 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4270 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4290 Drill Collar — 2.25 Ft. Run 180
 Mud Wt. 9.0 lb/gal. Viscosity 48 Filtrate 7.2
 Tool Open @ 6:40 PM Initial Blow 5. Took 15' loss 60 mud 9' off
Bottom No Blow 6 min weak blow 5 min No Blow
 Final Blow No Blow Flush Tool weak blow 30 sec No Blow

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
Rec. <u>120</u> Feet Of <u>MUD</u>	% gas _____ % oil _____ % water <u>100</u> % mud _____	<u>7150</u>
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 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2400 ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 2023 Range 4000
 (B) First Initial Flow Pressure _____ PSI @ (depth) 4272 w/Clock No. 7452
 (C) First Final Flow Pressure _____ PSI AK1 Recorder No. 13308 Range 4700
 (D) Initial Shut-in Pressure _____ PSI @ (depth) 4285 w/Clock No. 8698
 (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 30 Test 1715 psi in 400
 (H) Final Hydrostatic Mud _____ PSI Initial Shut-in 30 Jars _____

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 30 Safety Joint _____
 Final Shut-in 30 Straddle _____
 Circ. Sub ✓ N/C
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$??

Approved By _____
 Our Representative Mark Steensma
 Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 6 Date 5/2/92
Company PICKRELL DRILLING COMPANY Zone LKC-"L"
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested 4268-4290 Drill Pipe Size 4.5 XH
Anchor Length 22 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4263 Drill Collar - 2.25 Ft. Run 180
Bottom Packer Depth 4268 Mud Wt. 9 lb/Gal.
Total Depth 4290 Viscosity 58 Filtrate 7.2

Tool Open @ 8:55 AM Initial Blow WEAK SURFACE BLOW TO 1/2" BLOW

Final Blow NO BLOW FOR 10 MINUTES-FLUSHED TOOL-SURFACE BLOW 30 SECONDS/NO BLOW

Recovery - Total Feet 20 Flush Tool? YES

Rec. 20 Feet of MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2400 ppm System

(A) Initial Hydrostatic Mud 2074.5 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 13.8 PSI @ (depth) 4270 w / Clock No. 7452

(C) First Final Flow Pressure 13.8 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 815.6 PSI @ (depth) 4285 w / Clock No. 8698

(E) Second Initial Flow Pressure 13.8 PSI AK1 Recorder No. _____ Range _____

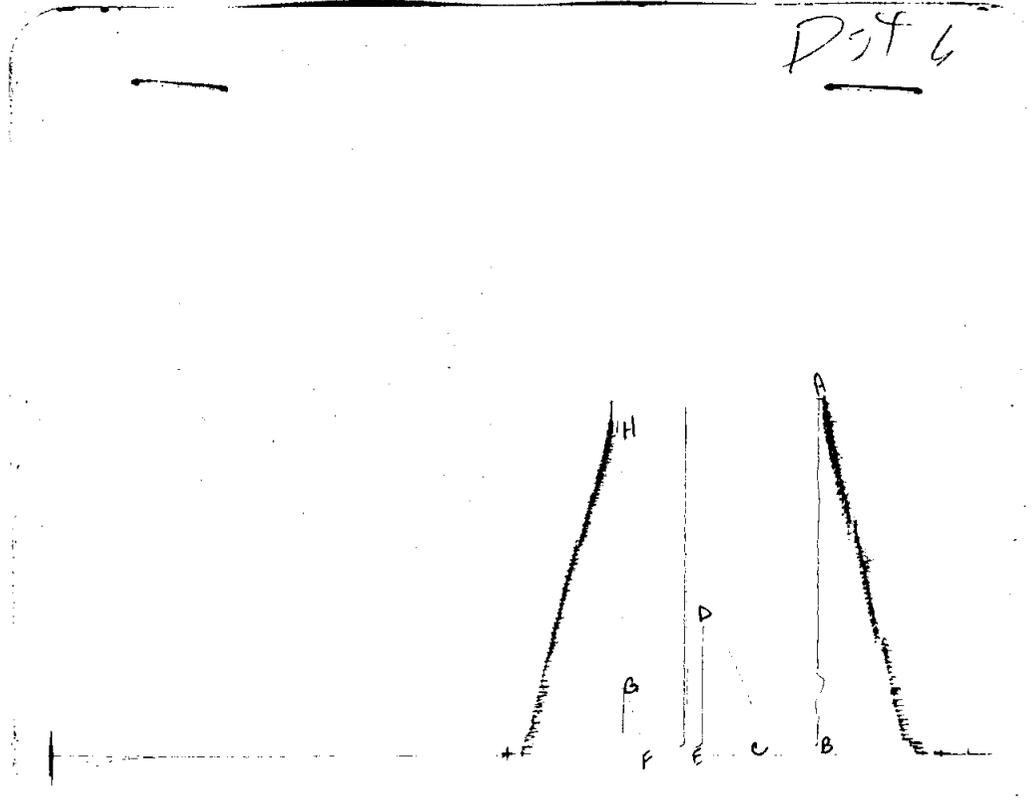
(F) Second Final Flow Pressure 13.8 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 422.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2041.9 PSI Initial Shut-in 60 Final Shut-in 30

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2069	2074.5
(B) FIRST INITIAL FLOW PRESSURE	11	13.8
(C) FIRST FINAL FLOW PRESSURE	11	13.8
(D) INITIAL CLOSED-IN PRESSURE	810	815.6
(E) SECOND INITIAL FLOW PRESSURE	11	13.8
(F) SECOND FINAL FLOW PRESSURE	11	13.8
(G) FINAL CLOSED-IN PRESSURE	419	422.7
(H) FINAL HYDROSTATIC MUD	2039	2041.9

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4602

Well Name & No. #2 BUANETT 'D Test No. 6 Date 5-2-92
 Company PICKRELL DRILLING Zone Tested LAN. KC. 6'
 Address 110 N. MARKET ST. 205 WICHITA Elevation 2880 HB
 Co. Rep./Geo. BILL KLAVER cont. PICKRELL Est. Ft. of Pay _____
 Location: Sec. 26 Twp. 18S Rge. 30W Co. LANE State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4268 - 4290 Drill Pipe Size 4 1/2 XH
 Anchor Length 22 Top Choke - 1" _____ Bottom Choke - 3/4" _____
 Top Packer Depth 4263 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 4268 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Total Depth 4290 Drill Collar - 2.25 Ft. Run 180
 Mud Wt. 9.0 lb/gal. Viscosity 58 Filtrate 7.2
 Tool Open @ 8:35 AM Initial Blow WEAK SUR BLOW TO 1/2" BLOW

Final Blow NO BLOW FOR 10 MIN FUSH TOOL SUR BLOW 30 SEC
NO BLOW

Recovery - Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>20</u>	_____	<u>9.35</u>
Rec. <u>20</u> Feet Of <u>MUD</u>	%gas _____ %oil _____ %water <u>100%</u> %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2400 ppm System

- (A) Initial Hydrostatic Mud 2069 PSI Ak1 Recorder No. 2023 Range 4000
- (B) First Initial Flow Pressure 11 PSI @ (depth) 4270 w/Clock No. 7452
- (C) First Final Flow Pressure 11 PSI AK1 Recorder No. 13308 Range 4700
- (D) Initial Shut-In Pressure 810 PSI @ (depth) 4285 w/Clock No. 8698
- (E) Second Initial Flow Pressure 11 PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure 11 PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure 419 PSI Initial Opening 30 Test
- (H) Final Hydrostatic Mud 2039 PSI Initial Shut-In 60 Jars _____

Final Flow 30 Safety Joint _____
 Final Shut-In 30 Straddle _____
 Circ. Sub NC
 Sampler _____
 Extra Packer _____
 Other _____

Approved By Bill Klaver
 Our Representative Mark Herdberg

TOTAL PRICE \$ _____

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 7 Date 5/3/92
Company PICKRELL DRILLING COMPANY Zone MARMATON
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested 4300-4415 Drill Pipe Size 4.5 XH
Anchor Length 115 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4295 Drill Collar - 2.25 Ft. Run 90
Bottom Packer Depth 4300 Mud Wt. 9 lb/Gal.
Total Depth 4415 Viscosity 55 Filtrate 6.4

Tool Open @ 6:51 AM Initial Blow STRONG BLOW OFF BOTTOM IN 5 MINUTES

Final Blow FAIR BLOW TO BOTTOM IN 19 MINUTES

Recovery - Total Feet 955 Flush Tool? _____

Rec. 139 Feet of WTR & MUD CUT OIL/85%OIL/10%WTR/5%MUD
Rec. 124 Feet of OIL STAINED WTR CUT MUD-7%OIL/10%WTR/83%MUD
Rec. 186 Feet of OIL STAINED WTR CUT MUD-3%OIL/42%WTR/55%MUD
Rec. 406 Feet of SLTLY OIL STAINED MUD CUT WTR-97%WTR/3%MUD
Rec. _____ Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.13 @ _____ °F Chlorides 45000 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 2106.9 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 69.5 PSI @ (depth) 4304 w / Clock No. 7452

(C) First Final Flow Pressure 238.7 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 955.6 PSI @ (depth) 4316 w / Clock No. 8698

(E) Second Initial Flow Pressure 270.1 PSI AK1 Recorder No. _____ Range _____

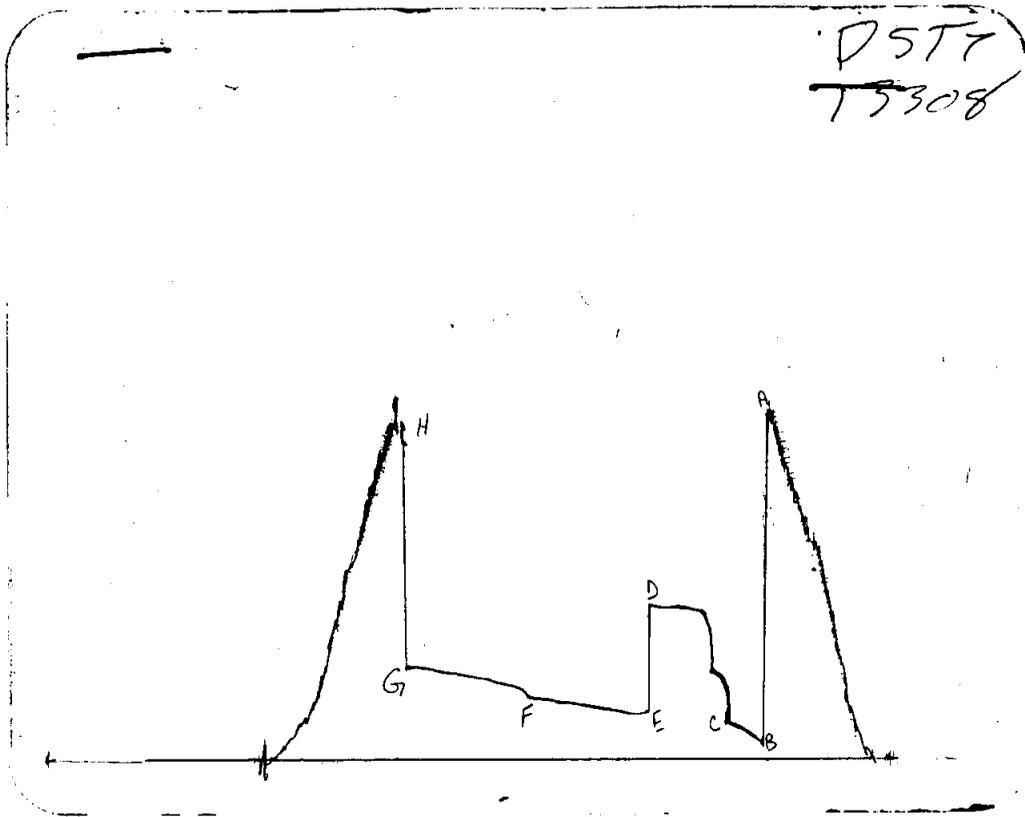
(F) Second Final Flow Pressure 388.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 583.6 PSI Initial Opening 30 Final Flow 90

(H) Final Hydrostatic Mud 2077.9 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2099	2106.9
(B) FIRST INITIAL FLOW PRESSURE	66	69.5
(C) FIRST FINAL FLOW PRESSURE	236	238.7
(D) INITIAL CLOSED-IN PRESSURE	954	955.6
(E) SECOND INITIAL FLOW PRESSURE	267	270.1
(F) SECOND FINAL FLOW PRESSURE	379	388.5
(G) FINAL CLOSED-IN PRESSURE	577	583.6
(H) FINAL HYDROSTATIC MUD	2069	2077.9

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4603

Well Name & No. #2 BURNETT 'D' Test No. 7 Date 5-3-92
 Company PICKRELL DRILLING Zone Tested MARMA TOM
 Address 110 N. MARKET STE 205 WICHITA Elevation 2880 AB
 Co. Rep./Geo. BILL BLAVER Cont. PICKRELL Est. Ft. of Pay _____
 Location: Sec. 14 Twp. 18S Rge. 30W Co. LANE State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4300 - 4415 Drill Pipe Size 4 1/2 X H
 Anchor Length 115 Top Choke — 1" _____ Bottom Choke — 1/4" _____
 Top Packer Depth 4295 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4300 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4415 Drill Collar — 2.25 Ft. Run 90
 Mud Wt. 9.0 LCM TR lb/gal. Viscosity 55+ Filtrate 6.4
 Tool Open @ 6:51 AM Initial Blow STRONG BLOW OFF BOTTOM IN 5 MIN
 Final Blow FAIR BLOW TO BOTTOM IN 19 MIN

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
Rec. <u>139</u> Feet Of <u>W.M. Oil</u> %gas <u>85</u> %oil <u>10</u> %water <u>5</u> %mud		<input checked="" type="checkbox"/>
Rec. 124 <u>124</u> Feet Of <u>OW Mud</u> %gas <u>7</u> %oil <u>10</u> %water <u>83</u> %mud		
Rec. <u>184</u> Feet Of <u>OW Mud</u> %gas <u>3</u> %oil <u>42</u> %water <u>55</u> %mud		
Rec. <u>409</u> Feet Of <u>OW W</u> %gas <u>TR</u> %oil <u>97</u> %water <u>3</u> %mud		
Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud		

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.13 @ 80 °F Chlorides 45 ppm Recovery Chlorides 2000 ppm System
 (A) Initial Hydrostatic Mud 2099 PSI Ak1 Recorder No. 2023 Range 4000
 (B) First Initial Flow Pressure 66 PSI @ (depth) 4304 w/Clock No. 7452
 (C) First Final Flow Pressure 236 PSI AK1 Recorder No. 13308 Range 4700
 (D) Initial Shut-in Pressure 959 - 557 PSI @ (depth) 4306 w/Clock No. 8498
 (E) Second Initial Flow Pressure 267 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 379 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-in Pressure 577 PSI Initial Opening 30 Test
 (H) Final Hydrostatic Mud 2069 PSI Initial Shut-in 60 Jars _____

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 90 Safety Joint _____
 Final Shut-in 90 Straddle _____
 Circ. Sub MC
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ _____

Approved By Bill Blaver
 Our Representative Mark Hershberg

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 8 Date 5/3/92
Company PICKRELL DRILLING COMPANY Zone PAWNEE & MYR
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested	<u>4418-4466</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>48</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4413</u>	Drill Collar - 2.25 Ft. Run	<u>150</u>
Bottom Packer Depth	<u>4418</u>	Mud Wt.	<u>9.2</u> lb/Gal.
Total Depth	<u>4466</u>	Viscosity	<u>62</u>
		Filtrate	<u>6.4</u>

Tool Open @ 2:06 AM Initial Blow WEAK BLOW TO 1 1/2" IN 30 MINUTES

Final Blow NO BLOW-FLUSHED TOOL-WEAK BLOW 3 MINUTES
NO BLOW

Recovery - Total Feet 80 Flush Tool? YES

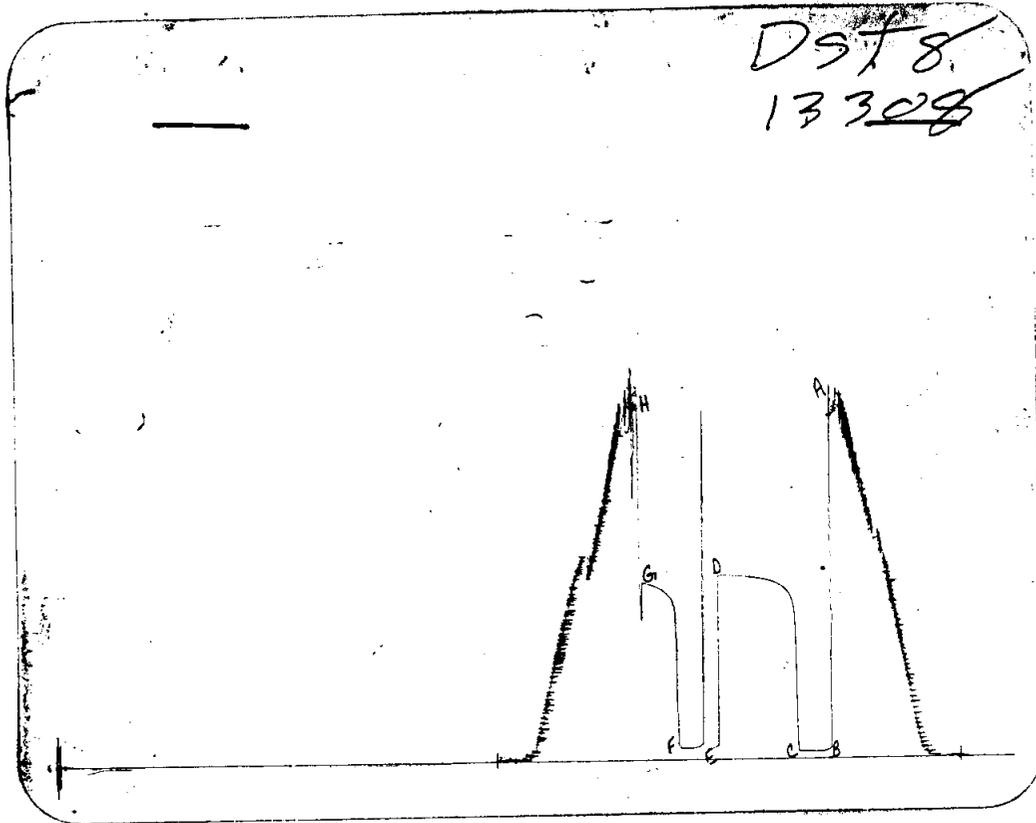
Rec. 80 Feet of WATERY MUD-15%WTR/85%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.12 @ _____ °F Chlorides 63000 ppm Recovery Chlorides 2300 ppm System

(A) Initial Hydrostatic Mud	<u>2180.5</u> PSI	AK1 Recorder No.	<u>13308</u>	Range	<u>4700</u>
(B) First Initial Flow Pressure	<u>25.6</u> PSI	@ (depth)	<u>4425</u>	w / Clock No.	<u>8698</u>
(C) First Final Flow Pressure	<u>34.7</u> PSI	AK1 Recorder No.	<u>11057</u>	Range	<u>4500</u>
(D) Initial Shut-in Pressure	<u>1098.3</u> PSI	@ (depth)	<u>4420</u>	w / Clock No.	<u>7452</u>
(E) Second Initial Flow Pressure	<u>35.8</u> PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	<u>35.8</u> PSI	@ (depth)	_____	w / Clock No.	_____
(G) Final Shut-in Pressure	<u>1055.4</u> PSI	Initial Opening	<u>30</u>	Final Flow	<u>30</u>
(H) Final Hydrostatic Mud	<u>2144.6</u> PSI	Initial Shut-in	<u>60</u>	Final Shut-in	<u>30</u>

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2174	2180.5
(B) FIRST INITIAL FLOW PRESSURE	22	25.6
(C) FIRST FINAL FLOW PRESSURE	33	34.7
(D) INITIAL CLOSED-IN PRESSURE	1096	1098.3
(E) SECOND INITIAL FLOW PRESSURE	33	35.8
(F) SECOND FINAL FLOW PRESSURE	33	35.8
(G) FINAL CLOSED-IN PRESSURE	1051	1055.4
(H) FINAL HYDROSTATIC MUD	2140	2144.6

Test Ticket

No 4604

Well Name & No. #2 BURNETT 'D' Test No. 8 Date 5-3-92
 Company PICKRELL DRILLING Zone Tested PANNEI & MYRICK
 Address 110 N MARKET ST #205 WICHITA Elevation 2880 KB
 Co. Rep./Geo. BILL BLAVER cont. PICKRELL Est. Ft. of Pay _____
 Location: Sec. 16 Twp. 18s Rge. 30w Co. LANE State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4418-4466 Drill Pipe Size 4 1/2 X H
 Anchor Length 48 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4413 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4418 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4466 Drill Collar — 2.25 Ft. Run 150
 Mud Wt. 9.2 KCM lb/gal. Viscosity 6.2 Filtrate 6.4
 Tool Open @ 2:06 Initial Blow WEAK Blow to 1 1/2" IN 30 MIN

Final Blow NO Blow Flush Tool WEAK Blow 3 MIN
NO Blow

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>80</u>	<u>—</u>	<u>346</u>
Rec. <u>80</u> Feet Of <u>W MUD</u>	% gas _____ % Oil <u>15</u> % water <u>85</u> % 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 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.12 @ 78 °F Chlorides 63000 ppm Recovery Chlorides 2300 ppm System

(A) Initial Hydrostatic Mud 2174 PSI AK1 Recorder No. ~~5023~~ Range ~~4100~~
 (B) First Initial Flow Pressure 22 PSI @ (depth) ~~4420~~ w/Clock No. ~~7452~~
 (C) First Final Flow Pressure 33 PSI AK1 Recorder No. 13308 Range 4700
 (D) Initial Shut-In Pressure 1096 PSI @ (depth) 4425 w/Clock No. 8698
 (E) Second Initial Flow Pressure 33 PSI AK1 Recorder No. 11057 Range 4500
 (F) Second Final Flow Pressure 33 PSI @ (depth) 4420 w/Clock No. 7452
 (G) Final Shut-In Pressure 1051 PSI Initial Opening 30 Test
 (H) Final Hydrostatic Mud 2140 PSI Initial Shut-In 60 Jars _____

TRILOBITE TESTING COMPANY 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 SUBSTAINED, 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 30 Safety Joint _____
 Final Shut-in 30 Straddle _____
 Circ. Sub NC
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ _____

Approved By Bill Blaver
 Our Representative Mick Krueger

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #2 BURNETT "D" Test No. 9 Date 5/4/92
Company PICKRELL DRILLING COMPANY Zone SCOTT & JOHN
Address 110 N MARKET #205 WICHITA KS 67202 Elevation 2880 K.B.
Co. Rep./Geo. BILL KLAVER Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 16 Twp. 18S Rge. 30W Co. LANE State KS

Interval Tested 4464-4556 Drill Pipe Size 4.5 XH
Anchor Length 92 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4459 Drill Collar - 2.25 Ft. Run 120
Bottom Packer Depth 4464 Mud Wt. 9.1 lb/Gal.
Total Depth 4556 Viscosity 75 Filtrate 7.2

Tool Open @ 10:12 PM Initial Blow WEAK SURFACE BLOW FOR 16 MINUTES-NO BLOW

Final Blow NO BLOW 10 MINUTES-FLUSHED TOOL-BLOW FOR 15 SECONDS
NO BLOW

Recovery - Total Feet 30 Flush Tool? YES

Rec. 30 Feet of MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2600 ppm System

(A) Initial Hydrostatic Mud 2195.7 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 23.1 PSI @ (depth) 4467 w / Clock No. 7452

(C) First Final Flow Pressure 23.1 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 77.9 PSI @ (depth) 4551 w / Clock No. 8698

(E) Second Initial Flow Pressure 23.1 PSI AK1 Recorder No. _____ Range _____

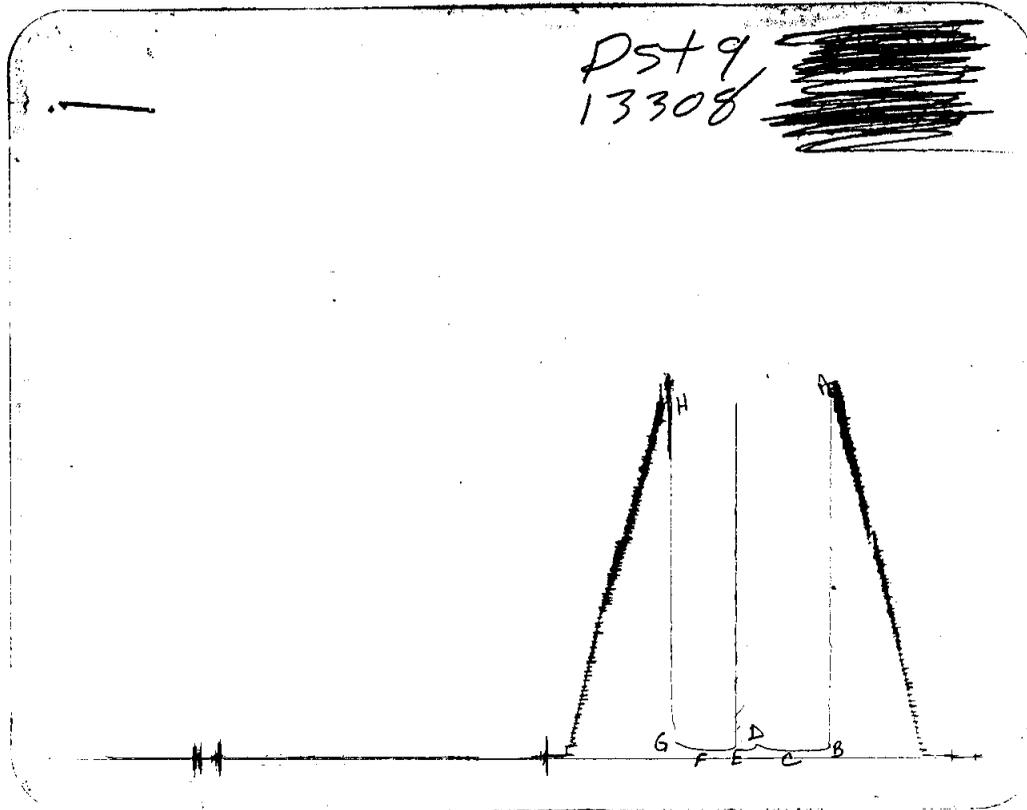
(F) Second Final Flow Pressure 23.1 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 67.3 PSI Initial Opening 30 Final Flow _____

(H) Final Hydrostatic Mud 2167.9 PSI Initial Shut-in 30 Final Shut-in _____

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
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(A) INITIAL HYDROSTATIC MUD	2190	2195.7
(B) FIRST INITIAL FLOW PRESSURE	22	23.1
(C) FIRST FINAL FLOW PRESSURE	22	23.1
(D) INITIAL CLOSED-IN PRESSURE	76	77.9
(E) SECOND INITIAL FLOW PRESSURE	22	23.1
(F) SECOND FINAL FLOW PRESSURE	22	23.1
(G) FINAL CLOSED-IN PRESSURE	66	67.3
(H) FINAL HYDROSTATIC MUD	2159	2167.9

TRILOBITE TESTING COMPANY L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4605

Well Name & No. <u>#2 BURNETT 'D'</u>		Test No. <u>9</u>	Date <u>5-4-92</u>
Company <u>PICKRELL DRILLING</u>		Zone Tested <u>SCOTT + JOHNSON</u>	
Address <u>10 N. MARKET STE 205 WICHITA</u>		Elevation <u>2880</u>	
Co. Rep./Geo. <u>BILL KLAYER</u> cont. <u>PICKRELL</u>		Est. Ft. of Pay _____	
Location: Sec. <u>16</u>	Twp. <u>18S</u>	Rge. <u>30W</u>	Co. <u>KANE</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____	Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4464 - 4556</u>	Drill Pipe Size <u>2 1/2 X H</u>
Anchor Length <u>92</u>	Top Choke - 1" _____ Bottom Choke - 3/4" _____
Top Packer Depth <u>4459</u>	Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
Bottom Packer Depth <u>4464</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Total Depth <u>4556</u>	Drill Collar - 2.25 Ft. Run <u>120</u>
Mud Wt. <u>9.1</u> <u>LCM</u> lb/gal.	Viscosity <u>75</u> Filtrate <u>7.2</u>
Tool Open @ <u>10:12 PM</u>	Initial Blow <u>WEAK SUB BLOW FOR 16 MIN NO BLOW</u>

Final Blow NO BLOW 10 MIN FRESH TOOL BLOW 75 SEC NO BLOW

Recovery - Total Feet <u>30</u>	Feet of Gas in Pipe _____	Flush Tool? <u>1122</u>
Rec. <u>30</u> Feet Of <u>MUD</u>	% gas _____ % oil _____ % water _____ % mud <u>100</u>	
Rec. _____ Feet Of _____	% gas _____ % oil _____ % water _____ % mud _____	
Rec. _____ Feet Of _____	% gas _____ % oil _____ % water _____ % mud _____	
Rec. _____ Feet Of _____	% gas _____ % oil _____ % water _____ % mud _____	

BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2600 ppm System

- (A) Initial Hydrostatic Mud 2190 PSI Ak1 Recorder No. 2023 Range 4000
- (B) First Initial Flow Pressure 22 PSI @ (depth) 4467 w/Clock No. 7452
- (C) First Final Flow Pressure 22 PSI Ak1 Recorder No. 13308 Range 4700
- (D) Initial Shut-In Pressure 76 PSI @ (depth) 4551 w/Clock No. 8698
- (E) Second Initial Flow Pressure 22 PSI Ak1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure 22 PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure 66 PSI Initial Opening 30 Test
- (H) Final Hydrostatic Mud 2159 PSI Initial Shut-in 30 Jars _____

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Final Flow _____ Safety Joint _____
 Final Shut-in _____ Straddle _____
 Circ. Sub NC
 Sampler _____

Approved By _____

Our Representative Mark H. [Signature]

Extra Packer _____

Other _____