

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No.	#1-19 PRICE	Test No.	1	Date	1/8/89	
Company	BRITO OIL / K&E PETROLEUM	Zone Tested	LKC 'C-D'			
Address	200 E. 1ST WICHITA KS 67202	Elevation	3095			
Co. Rep./Geo.	RAUL BRITO	Cont.	ABERCROMBIE #4	Est. Ft. of Pay.	0	
Location: Sec.	19	Twp.	10S	Rge.	32W	
			Co.	THOMAS	State	KS

Interval Tested	4060-4094	Drill Pipe Size	4.		
Anchor Length	34	Top Choke — 1"			
Top Packer Depth	4055	Bottom Choke — 3/4"			
Bottom Packer Depth	4060	Hole Size — 7 7/8"			
Total Depth	4094	Rubber Size — 6 3/4"			
Wt. Pipe I.D. — 2.7		Ft. Run	496		
Drill Collar — 2.25		Ft. Run	0		
Mud Wt.	9.3	Viscosity	49	Filtrate	9.2
Tool Open @	7:33 PM	Initial Blow	3/4" BLOW BUILDING TO 7"		

Final Blow **WEAK SURFACE BLOW BUILDING TO 7 1/2"**

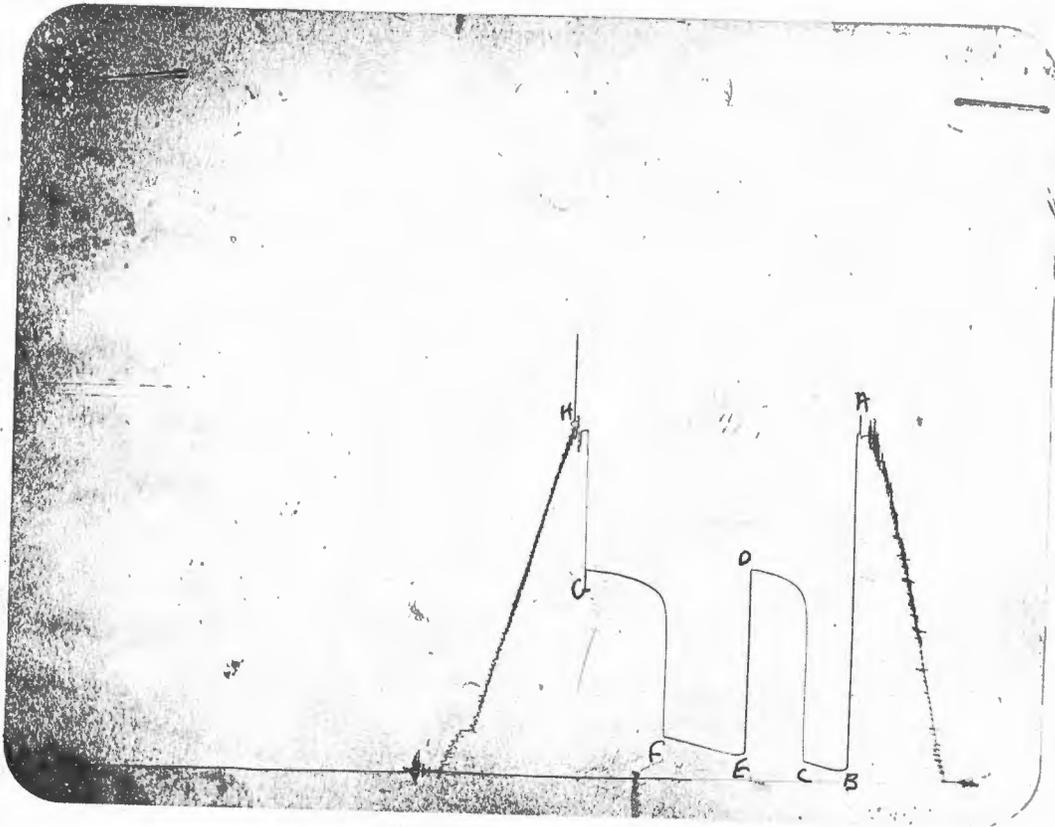
Recovery — Total Feet	430	Flush Tool?	NO
Rec.	5	Feet of	MUD
Rec.	425	Feet of	MUDDY WATER (FEW SPECKS OF OIL IN TOOL)
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	

BHT	137	°F	Gravity	0	°API @	0	°F	Corrected Gravity	0	°API	
RW	.205	@	60.4	°F	Chlorides	41000	ppm	Recovery	3000	ppm	System

(A) Initial Hydrostatic Mud	2089.5	PSI	AK1 Recorder No.	13223	Range	4150
(B) First Initial Flow Pressure	50.6	PSI	@ (depth)	4093	w/Clock No.	25810
(C) First Final Flow Pressure	96.4	PSI	AK1 Recorder No.	40248	Range	4400
(D) Initial Shut-In Pressure	1200.5	PSI	@ (depth)	4088	w/Clock No.	31154
(E) Second Initial Flow Pressure	134.8	PSI	Initial Opening	30		
(F) Second Final Flow Pressure	208.5	PSI	Initial Shut-In	45		
(G) Final Shut-In Pressure	1175.8	PSI	Final Flow	60		
(H) Final Hydrostatic Mud	1976.3	PSI	Final Shut-In	60		

Our Representative **PAUL SIMPSON**

TOTAL PRICE \$ **400**



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	2095	2089.5	PSI
(B) First Initial Flow Pressure.....	52	50.6	PSI
(C) First Final Flow Pressure.....	963	96.4	PSI
(D) Initial Closed-in Pressure.....	1198	1200.5	PSI
(E) Second Initial Flow Pressure.....	134	134.8	PSI
(F) Second Final Flow Pressure.....	217	208.5	PSI
(G) Final Closed-in Pressure.....	1177	1175.8	PSI
(H) Final Hydrostatic Mud.....	1971	1976.3	PSI

TRILOBITE TESTING COMPANY

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TEST TICKET

No 1647

Well Name & No. <u>Brito Oil / R&E Peto</u>	Test No. <u>1</u>	Date <u>1/8/89</u>
Company <u>#1-19 Price</u>	Zone Tested <u>LKC C-0</u>	
Address <u>2006 1st & 208 Wichita Ks 67202</u>	Elevation <u>3095</u>	
Co. Rep./Geo. <u>Raul Brito</u>	cont. <u>Abercrombie #4</u>	Est. Ft. of Pay _____
Location: Sec. <u>19</u>	Twp. <u>10s</u>	Rge. <u>32w</u> Co. <u>Thomas</u> State <u>Ks</u>

Interval Tested <u>4060-4094</u>	Drill Pipe Size <u>4 1/2 x 1 1/4</u>
Anchor Length <u>341</u>	Top Choke — 1" _____
Top Packer Depth <u>4055</u>	Bottom Choke — 3/4" _____
Bottom Packer Depth <u>4060</u>	Hole Size — 7 7/8" _____
Total Depth <u>4094</u>	Rubber Size — 6 3/4" _____
Wt. Pipe I.D. — 2.7 _____	Ft. Run <u>496</u>
Drill Collar — 2.25 _____	Ft. Run _____

Mud Wt. 93 lb./gal. Viscosity 49 Filtrate 92

Tool Open @ 7:33 PM Initial Blow 3/4" blow building to >"

Final Blow weak surface blow building to > 1/2"

Recovery — Total Feet 430 Flush Tool? NO

Rec. <u>5</u> Feet of <u>MUD</u>
Rec. <u>425</u> Feet of <u>muddy water (few specks oil in tool)</u>
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 127 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 205 @ 60.7 °F Chlorides 41,000 ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud <u>2095</u> PSI AK1 Recorder No. <u>13223</u> Range <u>4150</u>
(B) First Initial Flow Pressure <u>52</u> PSI @ (depth) <u>4093</u> w/Clock No. <u>25810</u>
(C) First Final Flow Pressure <u>93</u> PSI AK1 Recorder No. <u>10248</u> Range <u>4400</u>
(D) Initial Shut-In Pressure <u>1198</u> PSI @ (depth) <u>4088</u> w/Clock No. <u>21154</u>
(E) Second Initial Flow Pressure <u>134</u> PSI Initial Opening <u>30</u> Test <u>400</u>
(F) Second Final Flow Pressure <u>217</u> PSI Initial Shut-In <u>45</u> Jars _____
(G) Final Shut-In Pressure <u>1177</u> PSI Final Flow <u>60</u> Safety Joint _____
(H) Final Hydrostatic Mud <u>1927</u> PSI Final Shut-In <u>60</u> Straddle _____

Approved By Paul Simpson

Our Representative Paul Simpson

Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____

TRILOBITE TESTING COMPANY

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Drill-Stem Test Data

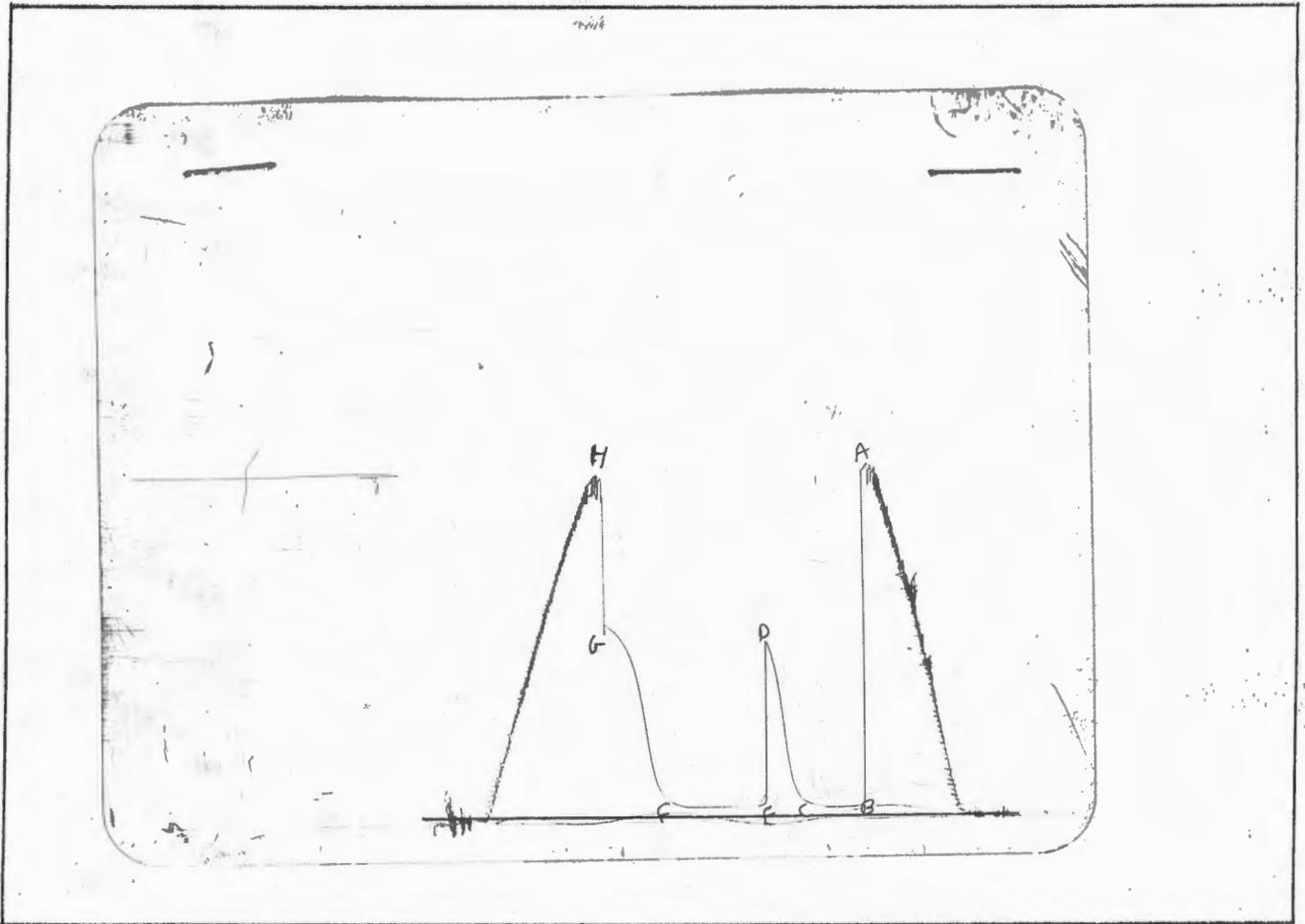
Well Name & No. #1-19 PRICE	Test No. 2	Date 1/9/89
Company BRITO OIL / K&E PETROLEUM	Zone Tested LKC 'H-I'	
Address 200 E. 1ST WICHITA KS 67202	Elevation 3095	
Co. Rep./Geo. RAUL BRITO	Cont. ABERCROMBIE #4	Est. Ft. of Pay 0
Location: Sec. 19	Twp. 10S	Rge. 32W Co. THOMAS State KS

Interval Tested 4170-4230	Drill Pipe Size 4.5 XH
Anchor Length 60	Top Choke — 1" _____
Top Packer Depth 4165	Bottom Choke — 3/4" _____
Bottom Packer Depth 4170	Hole Size — 7 7/8" _____
Total Depth 4230	Rubber Size — 6 3/4" _____
Wt. Pipe I.D. — 2.7 _____	Ft. Run 466
Drill Collar — 2.25 _____	Ft. Run 0
Mud Wt. 9.2 lb./gal.	Viscosity 46 Filtrate 8.8
Tool Open @ 4:16 PM	Initial Blow WEAK BLOW 1/4" BUILDING TO 1"

Final Blow **1/2" BLOW BUILDING TO 3"**

Recovery — Total Feet 55	Flush Tool? NO
Rec. 75 Feet of GAS IN PIPE	
Rec. 55 Feet of HEAVY OIL CUT MUD 30% OIL 70% mud	
Rec. 0 Feet of _____	
Rec. 0 Feet of _____	
Rec. 0 Feet of _____	
BHT 137 °F Gravity _____ °API @ 0 °F Corrected Gravity 0 °API	
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System	
(A) Initial Hydrostatic Mud 2099 PSI	AK1 Recorder No. 13223 Range 4150
(B) First Initial Flow Pressure 50.6 PSI	@ (depth) 4229 w/Clock No. 31154
(C) First Final Flow Pressure 51.8 PSI	AK1 Recorder No. 10248 Range 4400
(D) Initial Shut-In Pressure 1035 PSI	@ (depth) 4224 w/Clock No. 25816
(E) Second Initial Flow Pressure 61.4 PSI	Initial Opening 30
(F) Second Final Flow Pressure 65.2 PSI	Initial Shut-In 45
(G) Final Shut-In Pressure 1045.7 PSI	Final Flow 60
(H) Final Hydrostatic Mud 2005.9 PSI	Final Shut-In 60

Our Representative **PAUL SIMPSON** TOTAL PRICE \$ **400**
Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	2095	2099	PSI
(B) First Initial Flow Pressure.....	52	50.6	PSI
(C) First Final Flow Pressure.....	52	51.8	PSI
(D) Initial Closed-in Pressure.....	1032	1035	PSI
(E) Second Initial Flow Pressure.....	62	61.4	PSI
(F) Second Final Flow Pressure.....	62	65.2	PSI
(G) Final Closed-in Pressure.....	1043	1045.7	PSI
(H) Final Hydrostatic Mud.....	2012	2005.9	PSI

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TEST TICKET

No 1648

Well Name & No. <u>#1-19 Price</u>	Test No. <u>2</u>	Date <u>1/9/89</u>
Company <u>Brito Oil Company</u>	Zone Tested <u>LKC A-1</u>	
Address <u>200 E 1st #208 Wichita, KS 67202</u>	Elevation <u>3095</u>	
Co. Rep./Geo. <u>Raul Brito</u>	Cont. <u>Abercrombie #4</u>	Est. Ft. of Pay _____
Location: Sec. <u>19</u>	Twp. <u>10s</u>	Rge. <u>32w</u> co. <u>Thomas</u> State <u>Ks</u>

Interval Tested <u>4170-4230</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>60</u>	Top Choke - 1" _____
Top Packer Depth <u>4165</u>	Bottom Choke - 3/4" _____
Bottom Packer Depth <u>4170</u>	Hole Size - 7 7/8" _____
Total Depth <u>4230</u>	Rubber Size - 6 3/4" _____
Wt. Pipe I.D. - 2.7 _____	Ft. Run <u>466</u>
Drill Collar - 2.25 _____	Ft. Run _____
Mud Wt. <u>9.21</u> lb./gal.	Viscosity <u>46</u> Filtrate <u>88</u>
Tool Open @ <u>4:16 PM</u>	Initial Blow <u>weak blow 1/4" building to 1"</u>

Final Blow 1/2" blow building to 3"

Recovery - Total Feet <u>55</u>	Flush Tool? _____
Rec. <u>75</u> Feet of <u>6 IP</u>	
Rec. <u>55</u> Feet of <u>HOCM 30% oil 70% mud</u>	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	

BHT: 137 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud <u>2095</u> PSI	AK1 Recorder No. <u>13223</u>	Range <u>4150</u>
(B) First Initial Flow Pressure <u>52</u> PSI	@ (depth) <u>4229</u>	w/Clock No. <u>3159</u>
(C) First Final Flow Pressure <u>52</u> PSI	AK1 Recorder No. <u>10248</u>	Range <u>4402</u>
(D) Initial Shut-In Pressure <u>1032</u> PSI	@ (depth) <u>4229</u>	w/Clock No. <u>25816</u>
(E) Second Initial Flow Pressure <u>62</u> PSI	Initial Opening <u>30</u>	Test <u>400</u>
(F) Second Final Flow Pressure <u>62</u> PSI	Initial Shut-In <u>45</u>	Jars _____
(G) Final Shut-In Pressure <u>1043</u> PSI	Final Flow <u>60</u>	Safety Joint _____
(H) Final Hydrostatic Mud <u>2012</u> PSI	Final Shut-In <u>60</u>	Straddle _____

Approved By [Signature]

Our Representative Paul Simpson

Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____

Printcraft Printers - Hays, KS

TOTAL PRICE \$ 400

TRILOBITE TESTING COMPANY

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Drill-Stem Test Data

Well Name & No. <u>#1-19 PRICE</u>	Test No. <u>3</u>	Date <u>1/10/89</u>
Company <u>BRITO OIL / K&E PETROLEUM</u>	Zone Tested <u>LKC 'J'</u>	
Address <u>200 E. 1ST WICHITA KS 67202</u>	Elevation <u>3095</u>	
Co. Rep./Geo. <u>RAUL BRITO</u>	Cont. <u>ABERCROMBIE #4</u>	Est. Ft. of Pay <u>0</u>
Location: Sec. <u>19</u>	Twp. <u>10S</u>	Rge. <u>32W</u> Co. <u>THOMAS</u> State <u>KS</u>

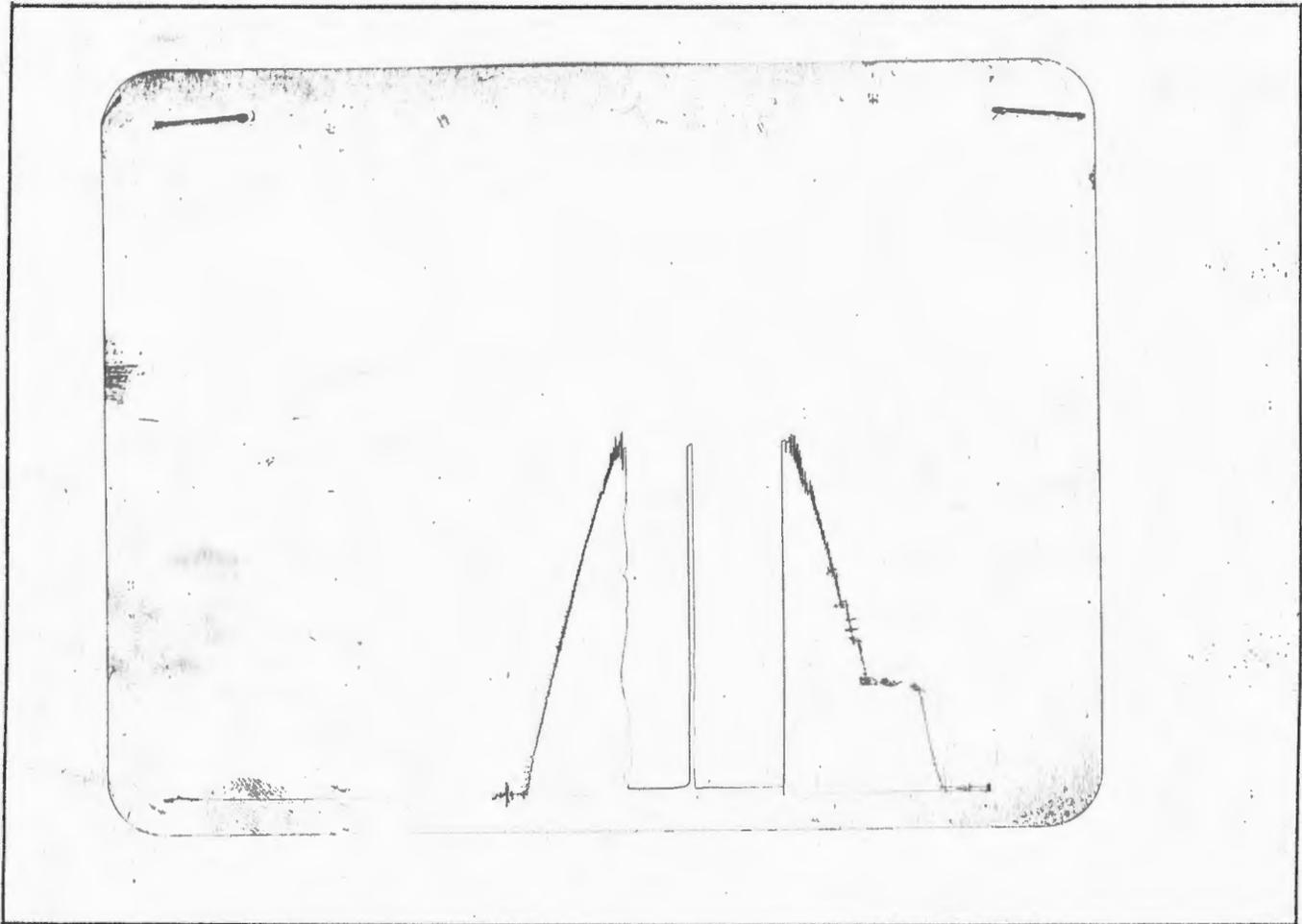
Interval Tested <u>4244-4255</u>	Drill Pipe Size <u>4.5 XH</u>
Anchor Length <u>11</u>	Top Choke — 1" _____
Top Packer Depth <u>4239</u>	Bottom Choke — 3/4" _____
Bottom Packer Depth <u>4244</u>	Hole Size — 7 7/8" _____
Total Depth <u>4255</u>	Rubber Size — 6 3/4" _____
Wt. Pipe I.D. — 2.7 _____	Ft. Run <u>496</u>
Drill Collar — 2.25 _____	Ft. Run <u>0</u>
Mud Wt. _____ lb./gal.	Viscosity <u>0</u> Filtrate _____
Tool Open @ <u>7:08 AM</u>	Initial Blow <u>VERY WEAK BLOW DIED IN 20</u>
<u>MINUTES</u>	
Final Blow <u>NO BLOW -FLUSH TOOL NO BLOW AFTER SURGE</u>	

Recovery — Total Feet <u>1</u>	Flush Tool? <u>2ND OPEN</u>
Rec. <u>10</u> Feet of <u>GAS IN PIPE</u>	
Rec. <u>1</u> Feet of <u>MUD WITH OIL SCUM ON TOP</u>	
Rec. <u>0</u> Feet of _____	
Rec. <u>0</u> Feet of _____	
Rec. <u>0</u> Feet of _____	
BHT <u>138</u> °F Gravity _____ °API @ <u>0</u> °F Corrected Gravity <u>0</u> °API	
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System	
(A) Initial Hydrostatic Mud <u>2089.6</u> PSI AK1 Recorder No. <u>13223</u> Range <u>4150</u>	
(B) First Initial Flow Pressure <u>4.6</u> PSI @ (depth) <u>4254</u> w/Clock No. <u>31154</u>	
(C) First Final Flow Pressure <u>4.6</u> PSI AK1 Recorder No. <u>10248</u> Range <u>4400</u>	
(D) Initial Shut-In Pressure <u>5.2</u> PSI @ (depth) <u>4250</u> w/Clock No. <u>25816</u>	
(E) Second Initial Flow Pressure <u>9.5</u> PSI Initial Opening <u>30</u>	
(F) Second Final Flow Pressure <u>9.5</u> PSI Initial Shut-In <u>30</u>	
(G) Final Shut-In Pressure <u>9.5</u> PSI Final Flow <u>30</u>	
(H) Final Hydrostatic Mud <u>2025.9</u> PSI Final Shut-In <u>30</u>	

PAUL SIMPSON

Our Representative _____

TOTAL PRICE \$ 400



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	2084	2089.6	PSI
(B) First Initial Flow Pressure.....	4	4.6	PSI
(C) First Final Flow Pressure.....	4	4.6	PSI
(D) Initial Closed-in Pressure.....	4	5.2	PSI
(E) Second Initial Flow Pressure.....	10	9.5	PSI
(F) Second Final Flow Pressure.....	10	9.5	PSI
(G) Final Closed-in Pressure.....	10	9.5	PSI
(H) Final Hydrostatic Mud.....	2023	2025.9	PSI

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

TEST TICKET

No 1649

Well Name & No. <u>A1-19 Price</u>	Test No. <u>3</u>	Date <u>11/10/89</u>
Company <u>Bridg Oil / K&E Petro</u>	Zone Tested <u>LKC-5'</u>	
Address <u>200 E 1st # 208 Wichita Ks 67202</u>	Elevation <u>3095</u>	
Co. Rep./Geo. <u>Raul Brigg</u>	cont. <u>Abercrombie #4</u>	Est. Ft. of Pay _____
Location: Sec. <u>19</u>	Twp. <u>10s</u>	Rge. <u>32w</u> Co. <u>Thomas</u> State <u>Ks</u>

Interval Tested <u>4244-4255</u>	Drill Pipe Size <u>4 1/2 IH</u>
Anchor Length <u>11</u>	Top Choke - 1" _____
Top Packer Depth <u>4239</u>	Bottom Choke - 3/4" _____
Bottom Packer Depth <u>4244</u>	Hole Size - 7 7/8" _____
Total Depth <u>4255</u>	Rubber Size - 6 3/4" _____
Wt. Pipe I.D. - 2.7 _____	Ft. Run <u>496</u>
Drill Collar - 2.25 _____	Ft. Run _____
Mud Wt. _____ lb./gal.	Viscosity _____ Filtrate _____
Tool Open @ <u>7:08 AM</u>	Initial Blow <u>very weak surface blow died</u>
<u>in 20 minutes</u>	
Final Blow <u>no blow - flush tool - no blow after surge</u>	

Recovery - Total Feet <u>1</u>	Flush Tool? <u>2nd open</u>
Rec. <u>1</u> Feet of <u>mud w/ oil skin on top</u>	
Rec. <u>10</u> Feet of <u>GIP</u>	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	

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

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

(A) Initial Hydrostatic Mud <u>2084</u>	PSI	AK1 Recorder No. <u>13223</u>	Range <u>4150</u>
(B) First Initial Flow Pressure <u>4</u>	PSI	@ (depth) <u>4254</u>	w/Clock No. <u>31154</u>
(C) First Final Flow Pressure <u>4</u>	PSI	AK1 Recorder No. <u>10248</u>	Range <u>4400</u>
(D) Initial Shut-In Pressure <u>4</u>	PSI	@ (depth) <u>4250</u>	w/Clock No. <u>25816</u>
(E) Second Initial Flow Pressure <u>10</u>	PSI	Initial Opening <u>30</u>	Test <u>400</u>
Second Final Flow Pressure <u>10</u>	PSI	Initial Shut-In <u>30</u>	Jars _____
Final Shut-In Pressure <u>10</u>	PSI	Final Flow <u>30</u>	Safety Joint _____
Initial Hydrostatic Mud <u>2083</u>	PSI	Final Shut-In <u>30</u>	Straddle _____

Paul Simpson
Signature

Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____
TOTAL PRICE \$ <u>400</u>