

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name METHODIST CHURCH #1 Test No. 1 Date 6/4/91
Company RITCHIE EXPLORATION INC Zone Tested LANS-KS CITY
Address 125 N MARKET #1000 WICHITA KS 67202 Elevation N/A
Co. Rep./Geo. MR KEVIN KESSLER Cont. WHITE & ELLIS #9 Est. Ft. of Pay _____
Location: Sec. 24 Twp. 19S Rge. 28W Co. LANE State KS

Interval Tested 4233-4245 Drill Pipe Size 4.5 XH
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4228 Drill Collar — 2.25 Ft. Run _____
Bottom Packer Depth 4233
Total Depth 4245

Mud Wt. 9.3 lb / gal. • Viscosity 47 Filtrate 11.4

Tool Open @ 3:03 Initial Blow GOOD BLOW OFF BOTTOM IN 19 MINUTES

Final Blow OFF BOTTOM IN 24 MINUTES

Recovery — Total Feet 390 Flush Tool? NO

Rec. 20 Feet of CLEAN OIL

Rec. 70 Feet of WATER MUD-20%WTR/80%MUD

Rec. 300 Feet of MUDDY WATER-80%WTR/20%MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____
BHT 120 °F Gravity 39 °API @ 70 °F Corrected Gravity 38 °API

RW 0.15 @ 61 °F Chlorides 64000 ppm Recovery Chlorides 3800 ppm System

(A) Initial Hydrostatic Mud 2022.3 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 26.4 PSI @ (depth) 4238 w/Clock No. 27573

(C) First Final Flow Pressure 101.2 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-In Pressure 715.8 PSI @ (depth) 4240 w/Clock No. 25813

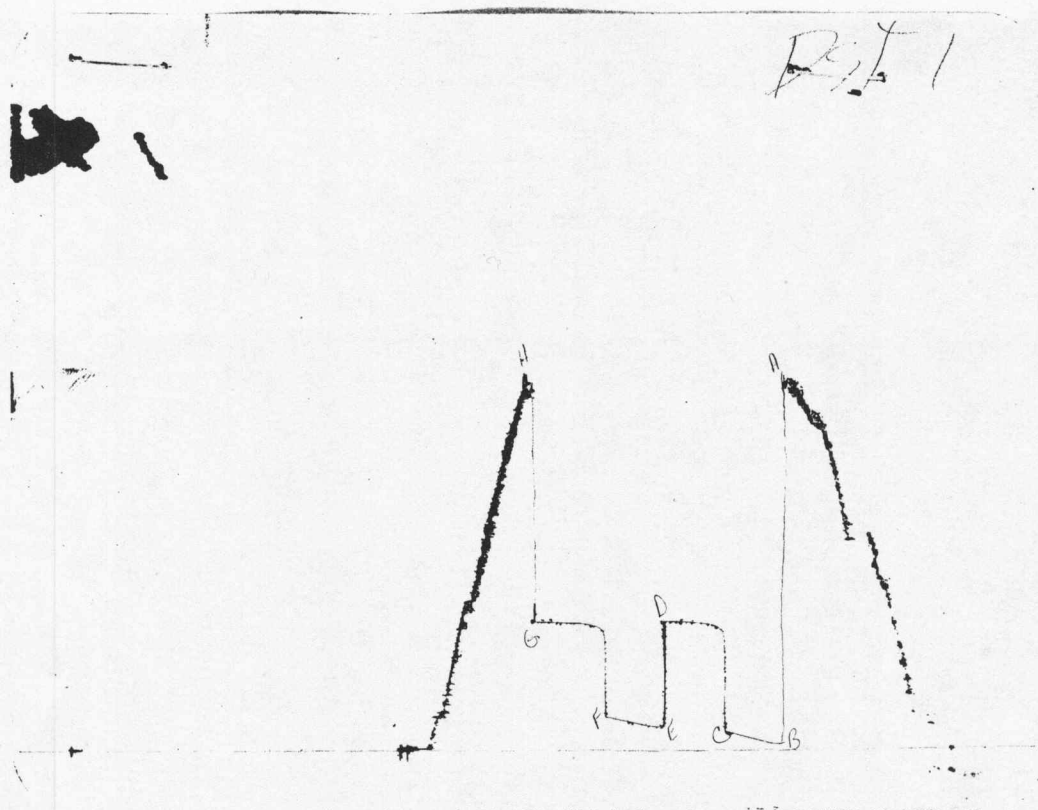
(E) Second Initial Flow Pressure 111.6 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 174.5 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 715.8 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1970.3 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative MR MARK HERSKOWITZ TOTAL PRICE \$ 550



POINT

This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2021	2022.3
(B) FIRST INITIAL FLOW PRESSURE	24	26.4
(C) FIRST FINAL FLOW PRESSURE	97	101.2
(D) INITIAL CLOSED-IN PRESSURE	713	715.8
(E) SECOND INITIAL FLOW PRESSURE	109	111.6
(F) SECOND FINAL FLOW PRESSURE	169	174.5
(G) FINAL CLOSED-IN PRESSURE	713	715.8
(H) FINAL HYDROSTATIC MUD	1973	1970.3

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Nº 3473

Test Ticket

Well Name & No. <u>Methodist Church 1st</u>	Test No. <u>1</u>	Date <u>6-4-91</u>
Company <u>Nitchie Exploration Inc</u>	Zone Tested <u>L/KC</u>	
Address <u>125 N MARKET SUITE 1000 WICHITA</u>	Elevation	
Co. Rep./Geo. <u>KEVIN KESSLER</u>	Cont. <u>W&E Rpt 7</u>	Est. Ft. of Pay
Location: Sec. <u>24</u> Twp. <u>19S</u> Rge. <u>28W</u> Co. <u>LANE</u> State <u>KS</u>		
No. of Copies	Distribution Sheet	Yes No Turnkey Yes No Evaluation

Interval Tested <u>4233 - 4245</u>	Drill Pipe Size <u>4 1/2 X H</u>
Anchor Length <u>12</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>4238</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>4233</u>	Wt. Pipe I.D. — 2.7 Ft. Run
Total Depth <u>4245</u>	Drill Collar — 2.25 Ft. Run
Mud Wt. <u>9.3</u> lb/gal.	Viscosity <u>47</u> Filtrate <u>11.4</u>
Tool Open @ <u>3:03</u>	Initial Blow <u>Good Blow off Pattern 19 MIN</u>
Final Blow <u>off bottom in 24 MIN</u>	

Recovery — Total Feet <u>390</u>	Feet of Gas in Pipe <u>90</u>	Flush Tool?
Rec. <u>20</u> Feet Of <u>G. O. I</u>	%gas <u>100</u> %oil	%water %mud
Rec. <u>70</u> Feet Of <u>WATER MUD</u>	%gas %oil <u>20</u>	%water <u>80</u> %mud
Rec. <u>300</u> Feet Of <u>MUD WATER</u>	%gas %oil <u>80</u>	%water <u>20</u> %mud
Rec. Feet Of	%gas %oil	%water %mud
Rec. Feet Of	%gas %oil	%water %mud

BHT <u>120</u> °F Gravity <u>39</u> °API @ <u>70</u> °F Corrected Gravity <u>38</u> °API
RW <u>15</u> @ <u>61</u> °F Chlorides <u>64000</u> ppm Recovery Chlorides <u>3800</u> ppm System

(A) Initial Hydrostatic Mud <u>2021</u> PSI AK1 Recorder No. <u>13308</u> Range <u>4700</u>
(B) First Initial Flow Pressure <u>24</u> PSI @ (depth) <u>4238</u> w/Clock No. <u>27773</u>
(C) First Final Flow Pressure <u>97</u> PSI AK1 Recorder No. <u>10248</u> Range <u>4400</u>
(D) First Shut-In Pressure <u>713</u> PSI @ (depth) <u>4240</u> w/Clock No. <u>27713</u>
(E) Second Initial Flow Pressure <u>109</u> PSI AK1 Recorder No. Range
(F) Second Final Flow Pressure <u>169</u> PSI @ (depth) w/Clock No.
(G) Final Shut-In Pressure <u>713</u> PSI Initial Opening <u>45</u> Test <u>✓ 350.00</u>
(H) Final Hydrostatic Mud <u>1973</u> PSI Initial Shut-In <u>45</u> 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.

Approved By Kevin Kessler
 Our Representative Michael J. Kessler

Printcraft Printers • Hays, KS

Safety Joint
 Straddle
 Circ. Sub ✓ NC.
 Sampler
 Extra Packer
 Other
 TOTAL PRICE \$ 550

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name METHODIST CHURCH #1 Test No. 2 Date 6/5/91
Company RITCHIE EXPLORATION INC Zone Tested LANS-KS CITY
Address 125 N MARKET #1000 WICHITA KS 67202 Elevation N/A
Co. Rep./Geo. MR KEVIN KESSLER Cont. WHITE & ELLIS #9 Est. Ft. of Pay _____
Location: Sec. 24 Twp. 19S Rge. 28W Co. LANE State KS

Interval Tested 4302-4323
Anchor Length 21
Top Packer Depth 4297
Bottom Packer Depth 4302
Total Depth 4323

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run _____

Mud Wt. 9.3 lb / gal. Viscosity 46 Filtrate 12

Tool Open @ 9:00 PM Initial Blow SURFACE BLOW FOR 9 MINUTES-NO BLOW 21 MINUTES

Final Blow SURFACE BLOW 1 MINUTES-NO BLOW

Recovery — Total Feet 10 Flush Tool? NO

Rec. 10 Feet of OIL STAINED MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 121 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4200 ppm System

(A) Initial Hydrostatic Mud 2077.8 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 14.2 PSI @ (depth) 4304 w/Clock No. 27573

(C) First Final Flow Pressure 14.2 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-In Pressure 74.5 PSI @ (depth) 4318 w/Clock No. 25813

(E) Second Initial Flow Pressure 14.2 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 14.2 PSI @ (depth) _____ w/Clock No. _____

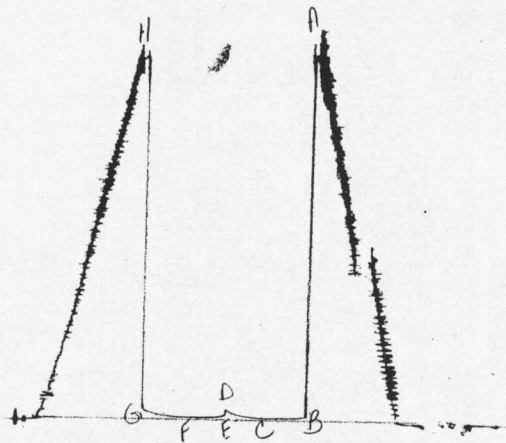
(G) Final Shut-In Pressure 74.5 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1990.6 PSI Initial Shut-In 30 Final Shut-In 30

Our Representative MR MARK HERSKOWITZ

TOTAL PRICE \$ 550

Dst 2



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2068	2077.8
(B) FIRST INITIAL FLOW PRESSURE	12	14.2
(C) FIRST FINAL FLOW PRESSURE	12	14.2
(D) INITIAL CLOSED-IN PRESSURE	72	74.5
(E) SECOND INITIAL FLOW PRESSURE	12	14.2
(F) SECOND FINAL FLOW PRESSURE	12	14.2
(G) FINAL CLOSED-IN PRESSURE	72	74.5
(H) FINAL HYDROSTATIC MUD	1997	1990.6

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

No 3474

Test Ticket

Well Name & No. Methadist Church 1st Test No. 2 Date 6-5-91
 Company RITCHIE EXPLORATION INC Zone Tested L-KC
 Address 125 N MARKET SUITS 1000 WICHITA Elevation _____
 Co. Rep./Geo. KEVIN KESSLER Cont. W+E Rig 9 Est. Ft. of Pay _____
 Location: Sec. 24 Twp. 19S Rge. 28W Co. LANE State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4302 - 4323 Drill Pipe Size 4 1/2 XH
 Anchor Length 21 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4297 Hole Size — 77/8" _____ Rubber Size — 63/4" _____
 Bottom Packer Depth 4302 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4323 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.3 lb/gal. Viscosity 46 Filtrate 12.0
 Tool Open @ 9:00 PM Initial Blow SUR BLOW FOR 9 MIN No Blow 21 MIN
 Final Blow SUR BLOW 1 MIN NO BLOW

Recovery — Total Feet 10 Feet of Gas in Pipe _____ Flush Tool? _____
 Rec. 10 Feet Of Oil S. Mud %gas 1 %oil _____ %water 99 %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 121 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4200 ppm System
 (A) Initial Hydrostatic Mud 2068 PSI AK1 Recorder No. 13308 Range 4700
 (B) First Initial Flow Pressure 12 PSI @ (depth) 4304 w/Clock No. 22573
 (C) First Final Flow Pressure 12 PSI AK1 Recorder No. 10248 Range 4400
 (D) Initial Shut-In Pressure 72 PSI @ (depth) 4318 w/Clock No. 25813
 (E) Second Initial Flow Pressure 12 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 12 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 72 PSI Initial Opening 30 Test ✓
 (H) Final Hydrostatic Mud 1997 PSI Initial Shut-In 30 Jars _____

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Final Flow 30 Safety Joint _____
 Final Shut-In 30 Straddle _____
 Circ. Sub ✓ NC
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ 550.00

Approved By Kevin Kessler
 Our Representative Mark Hershey

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name METHODIST CHURCH #1 Test No. 3 Date 6/6/91
Company RITCHIE EXPLORATION INC Zone Tested LANS-KS CITY
Address 125 N MARKET #1000 WICHITA KS 67202 Elevation N/A
Co. Rep./Geo. MR KEVIN KESSLER Cont. WHITE & ELLIS #9 Est. Ft. of Pay _____
Location: Sec. 24 Twp. 19S Rge. 28W Co. LANE State KS

Interval Tested 4322-4464
Anchor Length 142
Top Packer Depth 4317
Bottom Packer Depth 4322
Total Depth 4464

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.4 lb / gal. Viscosity 45 Filtrate 9.6

Tool Open @ 5:42 PM Initial Blow SURFACE BLOW FOR 15 MINUTES-NO BLOW 15 MINUTES

Final Blow SURFACE BLOW FOR 1 MINUTE-NO BLOW

Recovery — Total Feet 15 Flush Tool? NO

Rec. 15 Feet of MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 121 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 2131.6 PSI AK1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 25.6 PSI @ (depth) 4330 w/Clock No. 27573

(C) First Final Flow Pressure 25.6 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-In Pressure 304.5 PSI @ (depth) 4324 w/Clock No. 25813

(E) Second Initial Flow Pressure 41.2 PSI AK1 Recorder No. _____ Range _____

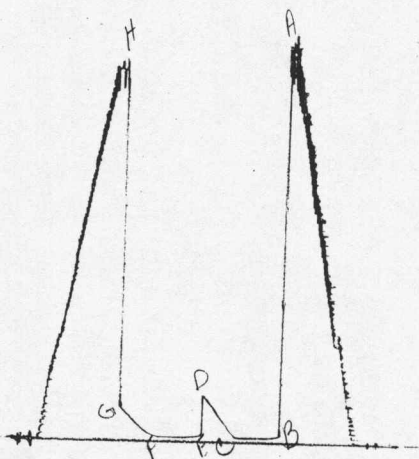
(F) Second Final Flow Pressure 41.2 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 230.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2077.5 PSI Initial Shut-In 30 Final Shut-In 30

Our Representative MR MARK HERSKOWITZ TOTAL PRICE \$ 550

D97-9



POINT This is an actual photograph of recorder chart PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2128	2131.6
(B) FIRST INITIAL FLOW PRESSURE	24	25.6
(C) FIRST FINAL FLOW PRESSURE	24	25.6
(D) INITIAL CLOSED-IN PRESSURE	300	304.5
(E) SECOND INITIAL FLOW PRESSURE	36	41.2
(F) SECOND FINAL FLOW PRESSURE	36	41.2
(G) FINAL CLOSED-IN PRESSURE	228	230.6
(H) FINAL HYDROSTATIC MUD	2080	2077.5

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Nº 3475

Test Ticket

Well Name & No. <u>Methodist Church V#</u>	Test No. <u>3</u>	Date <u>6-6-91</u>
Company <u>BITCHIE EXPL INC</u>	Zone Tested <u>W-KC-MORM</u>	
Address <u>125 N MARKET SUITS 1000 WICHITA</u>	Elevation _____	
Co. Rep./Geo. <u>KEVIN KESSLER</u>	Cont. <u>W&E Rip 9</u>	Est. Ft. of Pay _____
Location: Sec. <u>24</u> Twp. <u>19S</u> Rge. <u>28W</u>	Co. <u>LANE</u>	State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4322-4464</u>	Drill Pipe Size <u>4 1/2 X 4</u>
Anchor Length <u>142</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>4317</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4322</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4464</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.4</u> lb/gal.	Viscosity <u>45</u> Filtrate <u>9.6</u>
Tool Open @ <u>5:42 PM</u> Initial Blow <u>SUR BLOW FOR 15 MIN NO BLOW 15 MIN</u>	
Final Blow <u>SUR BLOW FOR 1 MIN NO BLOW</u>	

Recovery — Total Feet <u>15</u>	Feet of Gas In Pipe _____	Flush Tool? _____
Rec. <u>15</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 _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT <u>121</u> °F	Gravity _____ °API @ _____ °F	Corrected Gravity _____ °API
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>4000</u> ppm System

(A) Initial Hydrostatic Mud <u>2128</u> PSI	AK1 Recorder No. <u>13308</u> Range <u>4700</u>
(B) First Initial Flow Pressure <u>24</u> PSI	@ (depth) <u>4330</u> w/Clock No. <u>27573</u>
(C) First Final Flow Pressure <u>24</u> PSI	AK1 Recorder No. <u>10248</u> Range <u>4400</u>
(D) Initial Shut-In Pressure <u>300</u> PSI	@ (depth) <u>4324</u> w/Clock No. <u>25813</u>
(E) Second Initial Flow Pressure <u>36</u> PSI	AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure <u>36</u> PSI	@ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure <u>228</u> PSI	Initial Opening <u>30</u> Test ☒
(H) Final Hydrostatic Mud <u>2080</u> PSI	Initial Shut-In <u>30</u> Jars _____

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Final Flow <u>30</u>	Safety Joint _____
Final Shut-In <u>30</u>	Straddle _____

Approved By <u>[Signature]</u>
Our Representative <u>[Signature]</u>

Circ. Sub ☒ <u>NC</u>
Sampler _____
Extra Packer _____
Other _____
TOTAL PRICE \$ <u>550.00</u>

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name METHODIST CHURCH #1 Test No. 4 Date 6/7/91
Company RITCHIE EXPLORATION INC Zone Tested LANE-KS CITY
Address 125 N MARKET #1000 WICHITA KS 67202 Elevation N/A
Co. Rep./Geo. MR KEVIN KESSLER Cont. WHITE & ELLIS #9 Est. Ft. of Pay _____
Location: Sec. 24 Twp. 19S Rge. 28W Co. LANE State KS

Interval Tested 4269-4296 Drill Pipe Size 4.5 XH
Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4264-4269 Drill Collar — 2.25 Ft. Run _____
Bottom Packer Depth 4296
Total Depth 4660

Mud Wt. 9.6 lb / gal. Viscosity 53 Filtrate 10.2

Tool Open @ 12:25 AM Initial Blow SURFACE BLOW FOR 12 MINUTES-NO BLOW

Final Blow NO BLOW-5 MINUTES-FLUSHED TOOL-BLOW ON SURFACE 3 MINUTES-NO BLOW

Recovery — Total Feet 50 Flush Tool? YES

Rec. 50 Feet of MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. 123 Feet of _____

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

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3800 ppm System

(A) Initial Hydrostatic Mud 2215.6 PSI AK1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 26.2 PSI @ (depth) 4282 w/Clock No. 27573

(C) First Final Flow Pressure 26.2 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 905.6 PSI @ (depth) 4277 w/Clock No. 25813

(E) Second Initial Flow Pressure 41.2 PSI AK1 Recorder No. 2023 Range 4000

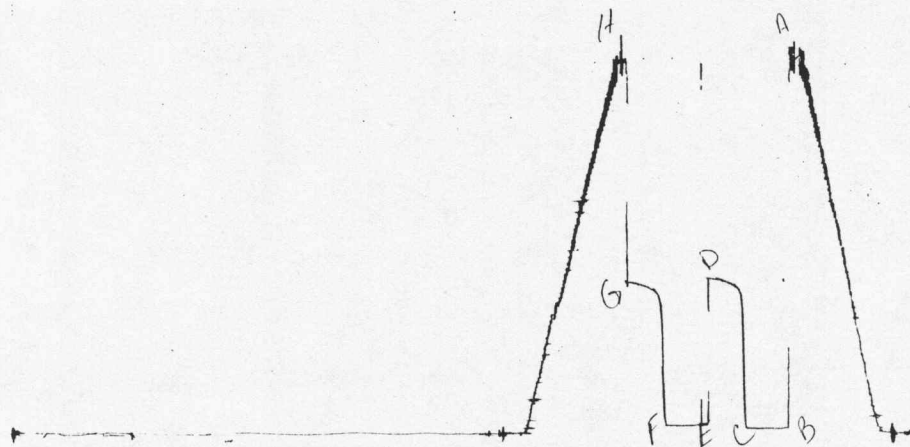
(F) Second Final Flow Pressure 53.2 PSI @ (depth) 4310 w/Clock No. 8376

(G) Final Shut-in Pressure 879.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2177.8 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative MR MARK HERSKOWITZ TOTAL PRICE \$ 950

DST 4



POINT

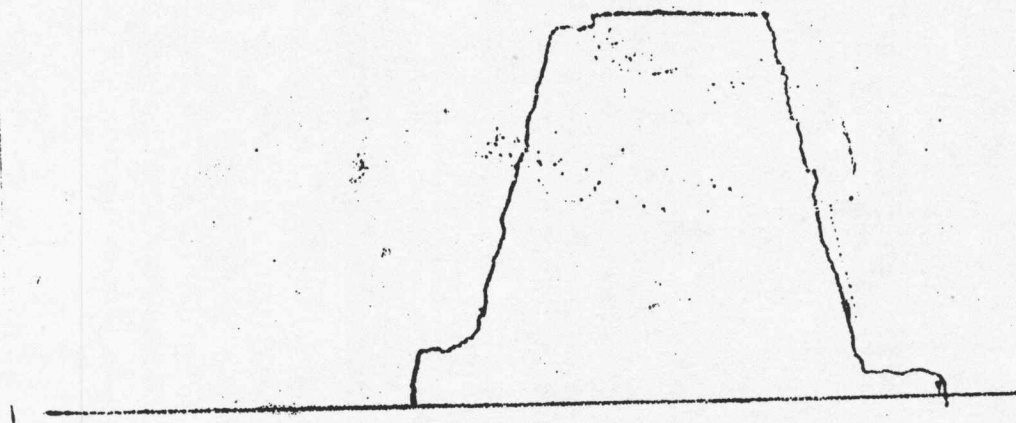
This is an actual photograph of recorder chart
PRESSURE

FIELD
READING

OFFICE
READING

(A) INITIAL HYDROSTATIC MUD	2211	2215.6
(B) FIRST INITIAL FLOW PRESSURE	24	26.2
(C) FIRST FINAL FLOW PRESSURE	24	26.2
(D) INITIAL CLOSED-IN PRESSURE	900	905.6
(E) SECOND INITIAL FLOW PRESSURE	36	41.2
(F) SECOND FINAL FLOW PRESSURE	48	53.2
(G) FINAL CLOSED-IN PRESSURE	877	879.6
(H) FINAL HYDROSTATIC MUD	2175	2177.8

STRADDLE



POINT

This is an actual photograph of recorder chart
PRESSURE

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

P.O. Box 362 • Hays, Kansas 67601

Nº 3476

Test Ticket

Well Name & No. <u>Methodist Church 1st</u>	Test No. <u>4</u>	Date <u>6-7-91</u>
Company <u>Pitchie Expl Inc</u>	Zone Tested <u>6-KC</u>	
Address <u>125 N. MARK SUITS 1000 WICHITA</u>	Elevation <u>2745</u>	
Co. Rep./Geo. <u>KEVIN KESSLER</u>	Cont. <u>W&E Rig 9</u>	Est. Ft. of Pay _____
Location: Sec. <u>24</u>	Twp. <u>19S</u>	Rge. <u>28W</u> Co. <u>LANE</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4269-9296</u>	Drill Pipe Size <u>4 1/2 X H</u>
Anchor Length <u>27</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>4264-4269</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4296</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4660</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.6</u> lb/gal.	Viscosity <u>53</u> Filtrate <u>10.2</u>
Tool Open @ <u>12:25 AM</u>	Initial Blow <u>SUR BLOW FOR 12 MIN NO BLOW</u>

Final Blow NO BLOW 5 MIN Flush Tool Blow ON SUR 3 MIN NO BLOW

Recovery — Total Feet <u>50</u>	Feet of Gas in Pipe _____	Flush Tool? <u>1:30 AM</u>
Rec. <u>50</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 _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT <u>123</u> °F Gravity _____	°API @ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F Chlorides _____	ppm Recovery _____	Chlorides <u>3800</u>	ppm System _____

(A) Initial Hydrostatic Mud <u>2211</u>	PSI	AK1 Recorder No. <u>13308</u>	Range <u>4700</u>
(B) First Initial Flow Pressure <u>24</u>	PSI	@ (depth) <u>4282</u>	w/Clock No. <u>27573</u>
(C) First Final Flow Pressure <u>24</u>	PSI	AK1 Recorder No. <u>10248</u>	Range <u>4400</u>
(D) Initial Shut-In Pressure <u>900</u>	PSI	@ (depth) <u>4277</u>	w/Clock No. <u>25813</u>
(E) Second Initial Flow Pressure <u>36</u>	PSI	AK1 Recorder No. <u>2023</u>	Range <u>4000</u>
(F) Second Final Flow Pressure <u>48</u>	PSI	@ (depth) <u>4310</u>	w/Clock No. <u>8376</u>
(G) Final Shut-In Pressure <u>877</u>	PSI	Initial Opening <u>30</u>	Test <u>✓ 550.00</u>
(H) Final Hydrostatic Mud <u>2175</u>	PSI	Initial Shut-In <u>30</u>	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 <u>30</u>	Safety Joint _____
Final Shut-In <u>30</u>	Straddle <u>✓ 250.00</u>

Approved By [Signature]
 Our Representative [Signature]

Circ. Sub <u>✓ NC</u>
Sampler _____
Extra Packer <u>✓ 150.00</u>
Other _____
TOTAL PRICE \$ <u>950.00</u>