Computor inventoried

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

COPY

Drill-Stem Test Data

Well Name #1 YOST Test No. 1 Date 5/24/93

Company CARMEN SCHMITT INC Zone FT SCOTT

Address PO BOX 7 GREAT BEND KS 67530 Elevation 2499

Co. Rep./Geo. STEVE PARKER Cont. DUKE #1 Est. Ft. of Pay

Location: Sec. 1 Twp. 17S Rge. 24W Co. NESS State KS

Interval Tested 4422-4480 Drill Pipe Size 4.5" XH

Anchor Length 58 Wt. Pipe I.D. - 2.7 Ft. Run 631

Top Packer Depth 4417 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4422 Mud Wt. 9.1 lb/Gal.

Total Depth 4480 Viscosity 50 Filtrate 12

Tool Open @ 2:52 PM Initial Blow WEAK 1/4" BLOW - DIED IN 15 MINUTES

Final Blow NO BLOW - PULLED TOOL

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of MUD WITH OIL SPOTS IN TOOL

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 115 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 2261.9 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 51.2 PSI @ (depth) 4455 w / Clock No. 31154

(C) First Final Flow Pressure 51.2 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 83.6 PSI @ (depth) 4476 w / Clock No. 25814

(E) Second Initial Flow Pressure 51.2 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 51.2 PSI @ (depth) w / Clock No.

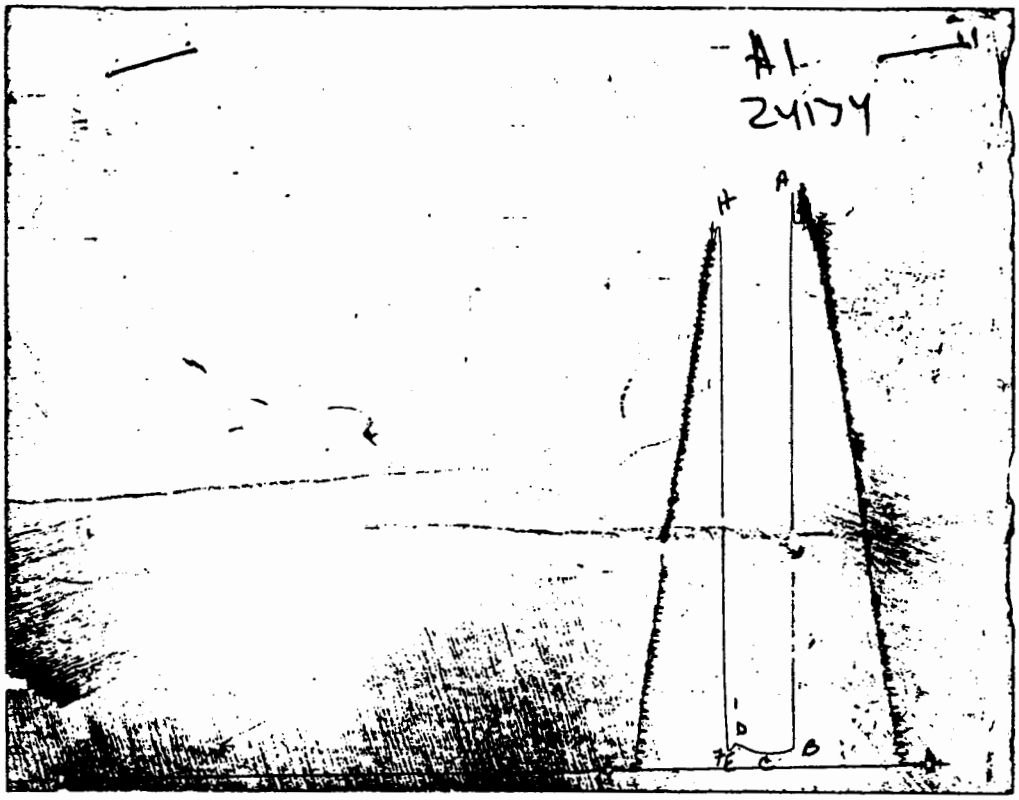
(G) Final Shut-in Pressure PSI Initial Opening 15 Final Flow 5

(H) Final Hydrostatic Mud 2121.9 PSI Initial Shut-in 30 Final Shut-in

AUG 16 1993

Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2253	2261.9
(B) FIRST INITIAL FLOW PRESSURE	44	51.2
(C) FIRST FINAL FLOW PRESSURE	44	51.2
(D) INITIAL CLOSED-IN PRESSURE	74	83.6
(E) SECOND INITIAL FLOW PRESSURE	44	51.2
(F) SECOND FINAL FLOW PRESSURE	44	51.2
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2112	2121.9

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TRILOBITE TESTING
P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5740

Well Name & No. #4 Yost Test No. Date 5-24-93
Company Carmen Schmitt Inc Zone Tested Ft Scott
Address PO Box 7 Great Bend Ks 67530 Elevation 2499 KB
Co. Rep./Geo. Steve Parker Cont. Duke #1 Est. Ft. of Pay
Location: Sec. 1 Twp. 17s Rge. 24w Co. Ness State Ks
No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 4422-4480 Drill Pipe Size 4½ FH
Anchor Length 58 Top Choke — 1" Bottom Choke — ¼"
Top Packer Depth 4417 Hole Size — 7⅞" Rubber Size — 6¾"
Bottom Packer Depth 4422 Wt. Pipe I.D. — 2.7 Ft. Run 631
Total Depth 4480 Drill Collar — 2.25 Ft. Run
Mud Wt. 9.1 lb/gal. Viscosity 50 Filtrate 12
Tool Open @ 2:52 PM Initial Blow weak ½" blow - died in 15 minutes

Final Blow No blow - pulled tool

Recovery — Total Feet 5 Feet of Gas in Pipe Flush Tool?

Rec. 5	Feet Of mud w/oil spots in tool	%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 115 °F Gravity °API @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud	2253 PSI	AK1 Recorder No.	22150	Range	3925
(B) First Initial Flow Pressure	44 PSI	@ (depth)	4455	w/Clock No.	31154
(C) First Final Flow Pressure	44 PSI	AK1 Recorder No.	24174	Range	3050
(D) Initial Shut-In Pressure	74 PSI	@ (depth)	4476	w/Clock No.	25814
(E) Second Initial Flow Pressure	44 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	44 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	PSI	Initial Opening	15	Test	600
(H) Final Hydrostatic Mud	2117 PSI	Initial Shut-In	30	Jars	
		Final Flow	5	Safety Joint	
		Final Shut-In		Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	600

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Approved By
Our Representative Paul Simpkins

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1 YOST Test No. 2 Date 5/25/93

Company CARMEN SCHMITT INC Zone CHEROKEE

Address PO BOX 7 GREAT BEND KS 67530 Elevation 2499

Co. Rep./Geo. STEVE PARKER Cont. DUKE #1 Est. Ft. of Pay

Location: Sec. 1 Twp. 17S Rge. 24W Co. NESS State KS

Interval Tested 4469-4542 Drill Pipe Size 4.5" XH

Anchor Length 73 Wt. Pipe I.D. - 2.7 Ft. Run 570

Top Packer Depth 4464 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4469 Mud Wt. 9.1 lb/Gal.

Total Depth 4542 Viscosity 50 Filtrate 12

Tool Open @ 6:05 AM Initial Blow WEAK 1/4" BLOW BUILDING TO 1"

Final Blow 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 117 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 2339.4 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 79.1 PSI @ (depth) 4533 w / Clock No 8179

(C) First Final Flow Pressure 86.1 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 819.2 PSI @ (depth) 4538 w / Clock No. 31154

(E) Second Initial Flow Pressure 86.1 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 86.1 PSI @ (depth) w / Clock No.

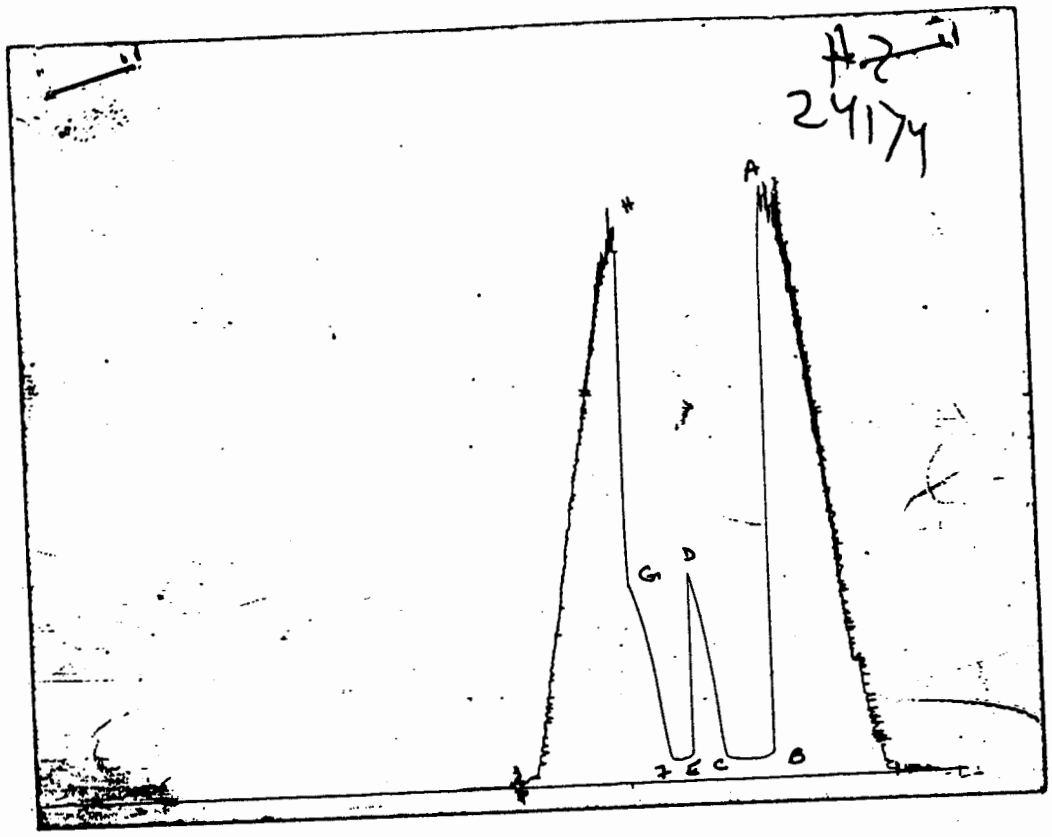
(G) Final Shut-in Pressure 772.4 PSI Initial Opening 30 Final Flow 15

(H) Final Hydrostatic Mud 2199.3 PSI Initial Shut-in 30 Final Shut-in

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Our Representative PAUL SIMPSON

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2331	2339.4
(B) FIRST INITIAL FLOW PRESSURE	74	79.1
(C) FIRST FINAL FLOW PRESSURE	82	86.1
(D) INITIAL CLOSED-IN PRESSURE	812	819.2
(E) SECOND INITIAL FLOW PRESSURE	82	86.1
(F) SECOND FINAL FLOW PRESSURE	82	86.1
(G) FINAL CLOSED-IN PRESSURE	766	772.4
(H) FINAL HYDROSTATIC MUD	2190	2199.3

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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5741

Well Name & No. #1 Yost Test No. 2 Date 5-25-93

Company Carmen Schmitt Inc. Zone Tested Cherokee

Address _____ Elevation 2499

Co. Rep./Geo. Steve Parker Cont. Duke #1 Est. Ft. of Pay _____

Location: Sec. 1 Twp. 17s Rge. 24w Co. Ness State Ks

No. of Copies _____ Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 4469 - 4542 Drill Pipe Size 4½ FH

Anchor Length 73 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 4464 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 4469 Wt. Pipe I.D. — 2.7 Ft. Run 570

Total Depth 4542 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.1 lb/gal. Viscosity 50 Filtrate 12.0

Tool Open @ 6:05 AM Initial Blow weak ¼" blow building to 1"

Final Blow No blow

Recovery — Total Feet 15 Feet of Gas in Pipe _____ Flush Tool? _____

Rec. 15	Feet Of Mud	%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 117 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud	2331 PSI	AK1 Recorder No.	22150	Range	3925
(B) First Initial Flow Pressure	74 PSI	@ (depth)	4533	w/Clock No.	8179
(C) First Final Flow Pressure	82 PSI	AK1 Recorder No.	24174	Range	3050
(D) Initial Shut-In Pressure	812 PSI	@ (depth)	4538	w/Clock No.	31154
(E) Second Initial Flow Pressure	82 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	82 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	766 PSI	Initial Opening	30	Test	600
(H) Final Hydrostatic Mud	2190 PSI	Initial Shut-In	30	Jars	200
		Final Flow	15	Safety Joint	_____
		Final Shut-In	30	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	800

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Approved By _____

Our Representative Paul Simpson

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