28-11s-19w

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

COPY

Drill-Stem Test Data

Well Name SOLOMON #1 Test No. 1 Date 7/21/92

Company CARMEN SCHMITT, INC. Zone TOPEKA

Address P.O.BOX 47 GREAT BEND KS 67530 Elevation 1983 K.B.

Co. Rep./Geo. STEVE PARKER Cont. DUKE #4 Est. Ft. of Pay

Location: Sec. 28 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3138-3175 Drill Pipe Size 4.5 XH

Anchor Length 37 Wt. Pipe I.D. - 2.7 Ft. Run 193

Top Packer Depth 3133 Drill Collar – 2.25 Ft. Run 119

Bottom Packer Depth 3138 Mud Wt. 9.1 lb/Gal.

Total Depth 3175 Viscosity 43 Filtrate 11.6

Tool Open @ 1:40 PM Initial Blow WEAK-DIED IN 14 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 65 Flush Tool? NO

Rec. 65 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 99 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 1659.8 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 61.2 PSI @ (depth) 3142 w / Clock No. 26199

(C) First Final Flow Pressure 61.2 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 833.4 PSI @ (depth) 3171 w / Clock No. 30401

(E) Second Initial Flow Pressure 65.4 PSI AK1 Recorder No. Range

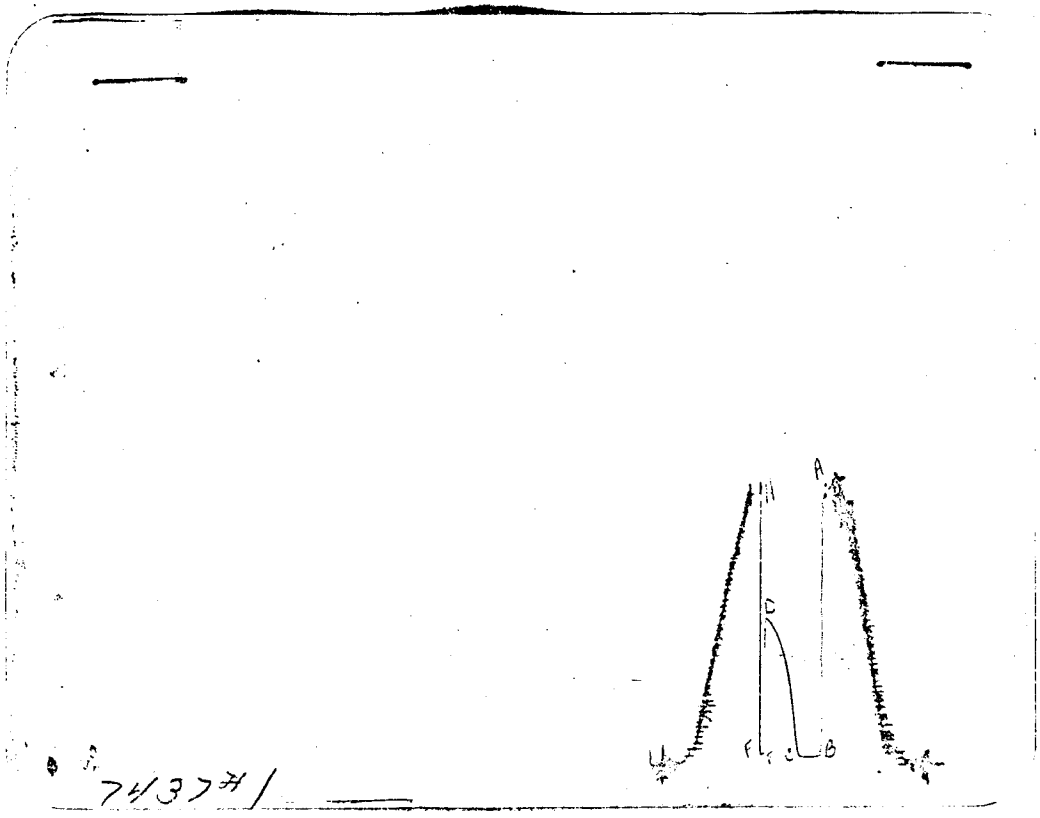
(F) Second Final Flow Pressure 65.4 PSI @ (depth) w / Clock No.

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

(H) Final Hydrostatic Mud 1577.4 PSI Initial Shut-in 30 Final Shut-in

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

		FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	1651	1659.8
(B)	FIRST INITIAL FLOW PRESSURE	55	61.2
(C)	FIRST FINAL FLOW PRESSURE	55	61.2
(D)	INITIAL CLOSED-IN PRESSURE	831	833.4
(E)	SECOND INITIAL FLOW PRESSURE	66	65.4
(F)	SECOND FINAL FLOW PRESSURE	66	65.4
(G)	FINAL CLOSED-IN PRESSURE		
(H)	FINAL HYDROSTATIC MUD	1578	1577.4

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5106

Well Name & No. Solomon #1 Test No. 1 Date 7-21-92

Company Carmen Schmitt, Inc. Zone Tested Topeka

Address Box 47, Great Bend, Ks. 67530 Elevation 1983 K.B.

Co. Rep./Geo. Steve Parker Cont. Duke #4 Est. Ft. of Pay

Location: Sec. 28 Twp. 11 Rge. 19 Co. Ellis State Ks.

No. of Copies ? Distribution Sheet ____ Yes X No Turnkey ____ Yes X No ____ Evaluation

Interval Tested 3138-3175 Drill Pipe Size 4.5 XH

Anchor Length 37 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3133 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3138 Wt. Pipe I.D. — 2.7 Ft. Run 193

Total Depth 3175 Drill Collar — 2.25 Ft. Run 119'

Mud Wt. 9.1 lb/gal. Viscosity 43 Filtrate 11.6

Tool Open @ 1:40 p.m. Initial Blow Weak-Died in 14 min.

Final Blow No blow

Recovery — Total Feet 65 Feet of Gas in Pipe ____ Flush Tool? ____

Rec. 65	Feet Of D.M.	%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 99 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

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

(A) Initial Hydrostatic Mud	1651 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	55 PSI	@ (depth)	3142	w/Clock No.	26199
(C) First Final Flow Pressure	55 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	831 PSI	@ (depth)	3171	w/Clock No.	20401
(E) Second Initial Flow Pressure	66 PSI	AK1 Recorder No.	____	Range	____
(F) Second Final Flow Pressure	66 PSI	@ (depth)	____	w/Clock No.	____
(G) Final Shut-In Pressure	— PSI	Initial Opening	15	Test	____
(H) Final Hydrostatic Mud	1528 PSI	Initial Shut-In	30	Jars	____
		Final Flow	5	Safety Joint	____
		Final Shut-In	—	Straddle	____
				Circ. Sub	____
				Sampler	____
				Extra Packer	____
				Other	____
				TOTAL PRICE $	550

Approved By [signature]

Our Representative Dan Brandt

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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Drill-Stem Test Data

Well Name SOLOMON #1 Test No. 2 Date 7/22/92

Company CARMEN SCHMITT, INC. Zone N/A

Address P.O.BOX 47 GREAT BEND KS 67530 Elevation 1987 K.B.

Co. Rep./Geo. STEVE PARKER Cont. DUKE #4 Est. Ft. of Pay

Location: Sec. 28 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3242-3315 Drill Pipe Size 4.5 XH

Anchor Length 73 Wt. Pipe I.D. - 2.7 Ft. Run 193

Top Packer Depth 3237 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3242 Mud Wt. 9.3 lb/Gal.

Total Depth 3315 Viscosity 42 Filtrate 13

Tool Open @ 3:38 AM Initial Blow WEAK-DIED IN 11 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 10 Flush Tool? NO

Rec. 10 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 110 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud 1711.5 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 69.3 PSI @ (depth) 3246 w / Clock No. 26199

(C) First Final Flow Pressure 69.3 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 781.2 PSI @ (depth) 3311 w / Clock No. 30401

(E) Second Initial Flow Pressure 80.9 PSI AK1 Recorder No. Range

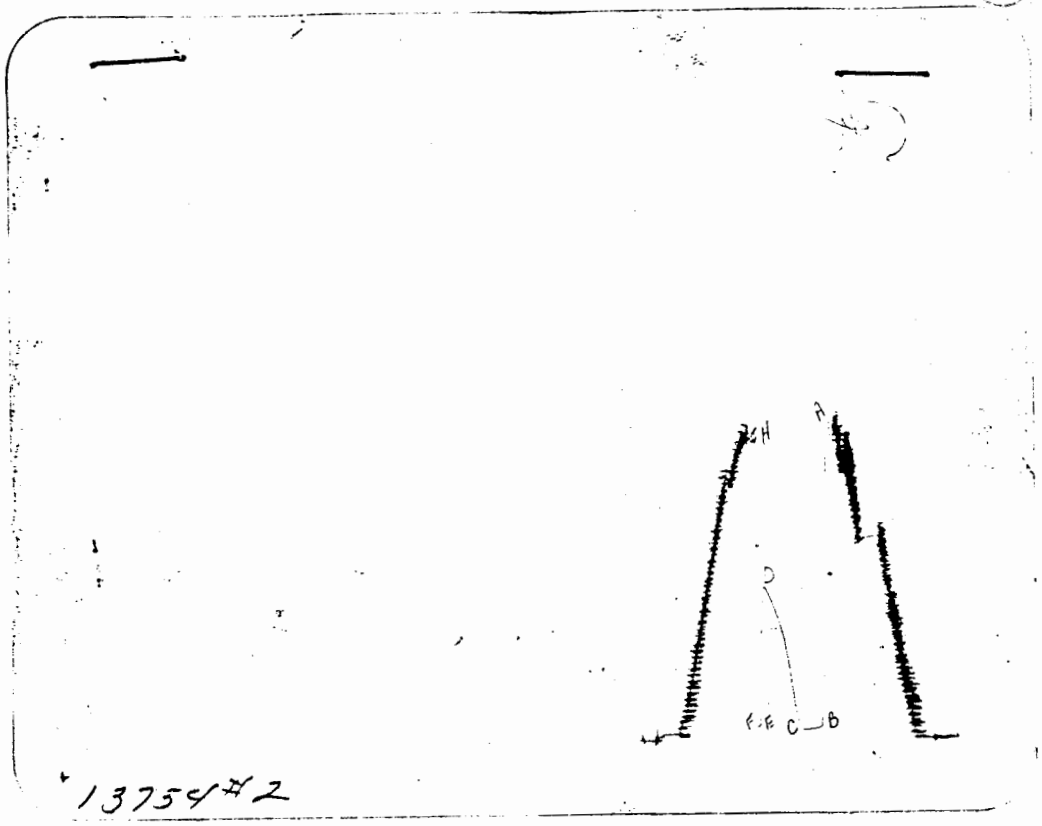
(F) Second Final Flow Pressure 80.9 PSI @ (depth) w / Clock No.

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

(H) Final Hydrostatic Mud 1662.5 PSI Initial Shut-in 30 Final Shut-in

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1704	1711.5
(B) FIRST INITIAL FLOW PRESSURE	66	69.3
(C) FIRST FINAL FLOW PRESSURE	66	69.3
(D) INITIAL CLOSED-IN PRESSURE	778	781.2
(E) SECOND INITIAL FLOW PRESSURE	77	80.9
(F) SECOND FINAL FLOW PRESSURE	77	80.9
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1662	1662.5

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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Test Ticket

№ 5107

Well Name & No. Solomon #1 Test No. 2 Date 7-22-92

Company Carmen Schmitt, Inc. Zone Tested

Address Elevation 1985 K.B.

Co. Rep./Geo. Steve Parker Cont. Duke #4 Est. Ft. of Pay

Location: Sec. 28 Twp. 11 Rge. 19 Co. Ellis State Ks.

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

Interval Tested 3242 - 3315 Drill Pipe Size 4.5 XH

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

Top Packer Depth 3237 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 3242 Wt. Pipe I.D. — 2.7 Ft. Run 193

Total Depth 3315 Drill Collar — 2.25 Ft. Run

Mud Wt. 9.3 lb/gal. Viscosity 42 Filtrate 13

Tool Open @ 3:38 a.m. Initial Blow Weak - Died in 11 min.

Final Blow No blow

Recovery — Total Feet 10 Feet of Gas in Pipe Flush Tool?

Rec. 10 Feet Of	D.M.	%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 110 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud	1704 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	66 PSI	@ (depth)	3246	w/Clock No.	26199
(C) First Final Flow Pressure	66 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	778 PSI	@ (depth)	3311	w/Clock No.	30401
(E) Second Initial Flow Pressure	77 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	77 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	— PSI	Initial Opening	15	Test	
(H) Final Hydrostatic Mud	1662 PSI	Initial Shut-In	30	Jars	
		Final Flow	5	Safety Joint	
		Final Shut-In	—	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	550.00

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.

Approved By

Our Representative Don

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SOLOMON #1 Test No. 3 Date 7/22/92

Company CARMEN SCHMITT, INC. Zone LKC-"I-J"

Address P.O.BOX 47 GREAT BEND KS 67530 Elevation 1987 K.B.

Co. Rep./Geo. STEVE PARKER Cont. DUKE #4 Est. Ft. of Pay

Location: Sec. 28 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3369-3424 Drill Pipe Size 4.5 XH

Anchor Length 55 Wt. Pipe I.D. - 2.7 Ft. Run 193

Top Packer Depth 3364 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3369 Mud Wt. 9.2 lb/Gal.

Total Depth 3424 Viscosity 44 Filtrate 13.2

Tool Open @ 4:57 PM Initial Blow WEAK-DIED IN 10 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec 5 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 103 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1741.2 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 80.9 PSI @ (depth) 3373 w / Clock No. 26199

(C) First Final Flow Pressure 80.9 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 425.8 PSI @ (depth) 3420 w / Clock No. 30401

(E) Second Initial Flow Pressure 92.6 PSI AK1 Recorder No. Range

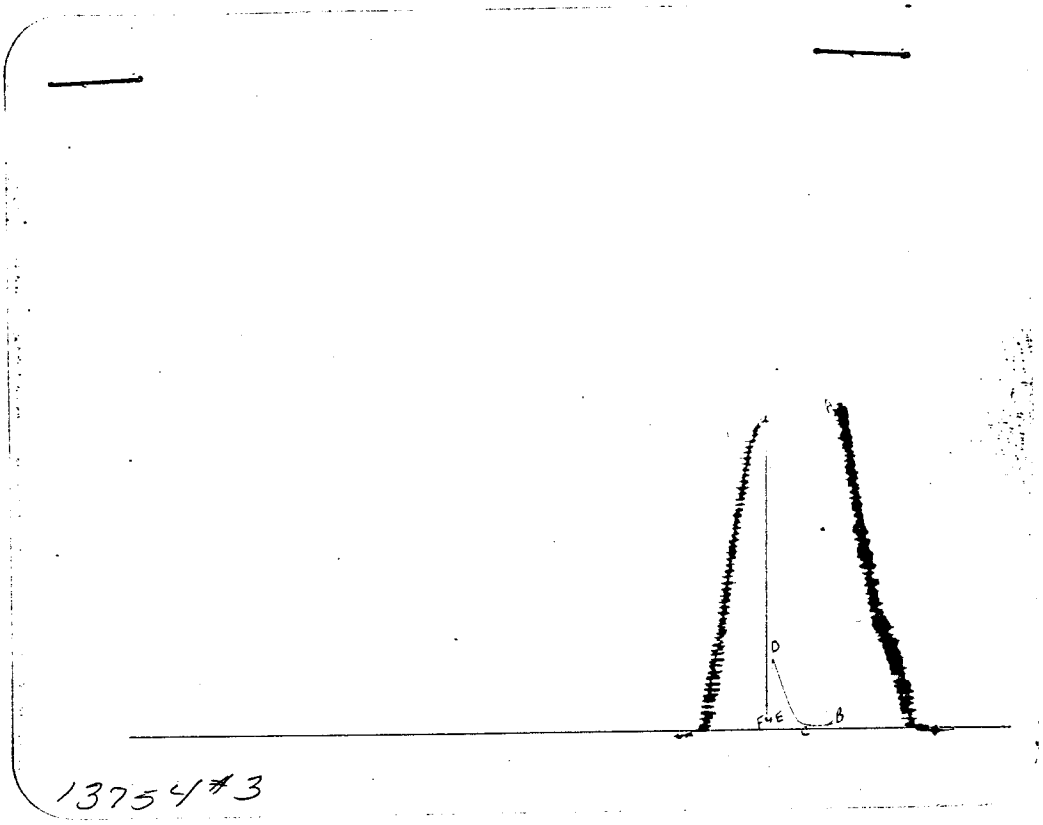
(F) Second Final Flow Pressure 92.6 PSI @ (depth) w / Clock No.

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

(H) Final Hydrostatic Mud 1670.9 PSI Initial Shut-in 30 Final Shut-in 0

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1736	1741.2
(B) FIRST INITIAL FLOW PRESSURE	77	80.9
(C) FIRST FINAL FLOW PRESSURE	77	80.9
(D) INITIAL CLOSED-IN PRESSURE	418	425.8
(E) SECOND INITIAL FLOW PRESSURE	88	92.6
(F) SECOND FINAL FLOW PRESSURE	88	92.6
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1651	1670.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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Test Ticket

No 5108

Well Name & No. Solomon #1 Test No. 3 Date 7-22-92

Company Carmen Schmitt, Inc. Zone Tested I-J L.K.C

Address _____ Elevation 1987 K.B.

Co. Rep./Geo. Steve Parker Cont. Duke #4 Est. Ft. of Pay _____

Location: Sec. 28 Twp. 11 Rge. 19 Co. Ellis State Ks.

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

Interval Tested 3369 - 3424 Drill Pipe Size 4.5 XH

Anchor Length 55 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3364 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3369 Wt. Pipe I.D. — 2.7 Ft. Run 193

Total Depth 3424 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.2 lb / gal. Viscosity 44 Filtrate 13.2

Tool Open @ 4:57 p.m. Initial Blow Weak - Died in 10 min.

Final Blow No blow.

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

Rec. 5	Feet Of D.M	%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 103 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud	1736 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	77 PSI	@ (depth)	3373	w/Clock No.	26199
(C) First Final Flow Pressure	77 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	418 PSI	@ (depth)	3420	w/Clock No.	30401
(E) Second Initial Flow Pressure	88 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	88 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	— PSI	Initial Opening	15	Test	_____
(H) Final Hydrostatic Mud	1651 PSI	Initial Shut-In	30	Jars	_____
		Final Flow	5	Safety Joint	_____
		Final Shut-In	0	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____

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.

Approved By _____

Our Representative _____

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: SOLOMON #1 — Test No. 4 — Date 7/23/92

Company: CARMEN SCHMITT, INC. — Zone ARBUCKLE

Address: P.O.BOX 47 GREAT BEND KS 67530 — Elevation 1987 K.B.

Co. Rep./Geo.: STEVE PARKER — Cont. DUKE #4 — Est. Ft. of Pay

Location: Sec. 28 — Twp. 11S — Rge. 19W — Co. ELLIS — State KS

Interval Tested: 3481-3523 — Drill Pipe Size: 4.5 XH

Anchor Length: 42 — Wt. Pipe I.D. - 2.7 Ft. Run: 193

Top Packer Depth: 3476 — Drill Collar – 2.25 Ft. Run:

Bottom Packer Depth: 3481 — Mud Wt.: 9.3 lb/Gal.

Total Depth: 3523 — Viscosity: 43 — Filtrate: 12.2

Tool Open @ 6:50 AM — Initial Blow: WEAK-BUILDING TO 3"

Final Blow: NO BLOW

Recovery - Total Feet: 82 — Flush Tool?: NO

60	Feet of	GAS IN PIPE
Rec. 10	Feet of	CLEAN OIL
Rec. 10	Feet of	HEAVY OIL CUT MUD-40%OIL/60%MUD
Rec. 62	Feet of	OIL & MUD CUT WATER-20%OIL/40%WTR/40%MUD
Rec.	Feet of	

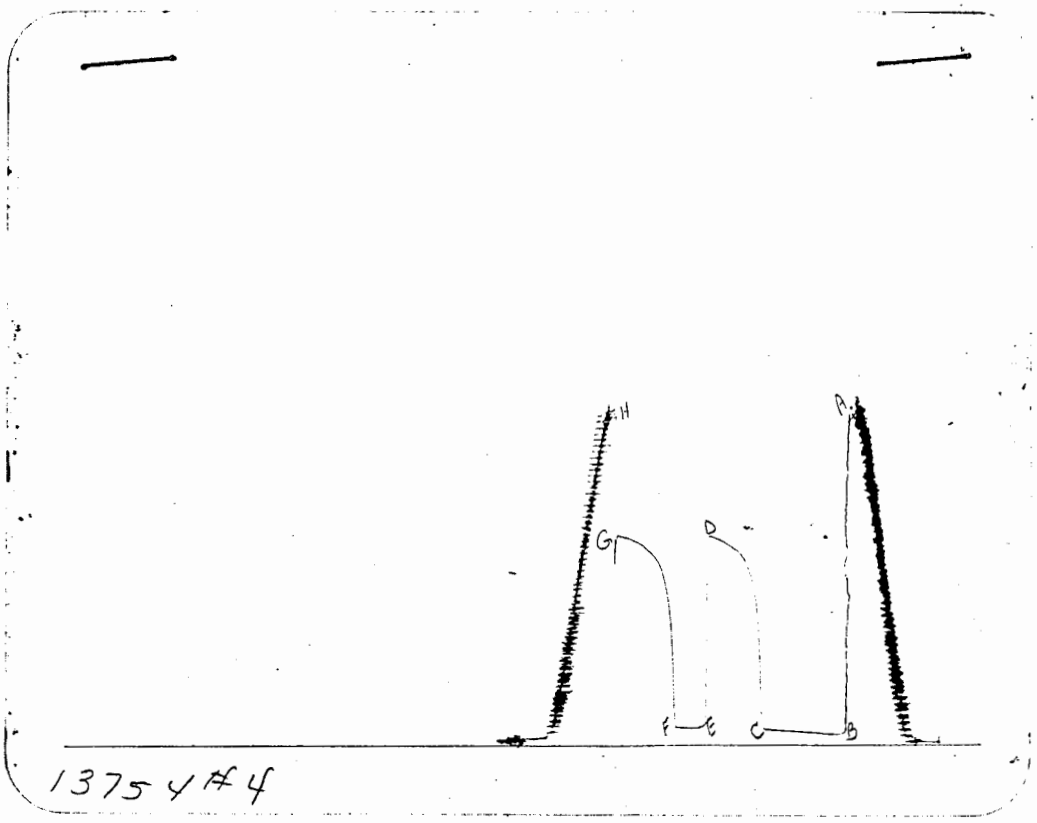
BHT 110 °F — Gravity °API — @ °F — Corrected Gravity 24 °API

RW 0.55 — @ 72 °F — Chlorides 14000 ppm Recovery — Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud	1815.6 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	90.2 PSI	@ (depth)	3485	w / Clock No.	26199
(C) First Final Flow Pressure	107.3 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-in Pressure	1070.6 PSI	@ (depth)	3518	w / Clock No.	30401
(E) Second Initial Flow Pressure	114.5 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	114.5 PSI	@ (depth)		w / Clock No.	
(G) Final Shut-in Pressure	1069.5 PSI	Initial Opening	60	Final Flow	20
(H) Final Hydrostatic Mud	1741.5 PSI	Initial Shut-in	45	Final Shut-in	45

Our Representative: DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1810	1815.6
(B) FIRST INITIAL FLOW PRESSURE	88	90.2
(C) FIRST FINAL FLOW PRESSURE	99	107.3
(D) INITIAL CLOSED-IN PRESSURE	1072	1070.6
(E) SECOND INITIAL FLOW PRESSURE	110	114.5
(F) SECOND FINAL FLOW PRESSURE	110	114.5
(G) FINAL CLOSED-IN PRESSURE	1072	1069.5
(H) FINAL HYDROSTATIC MUD	1736	1741.5

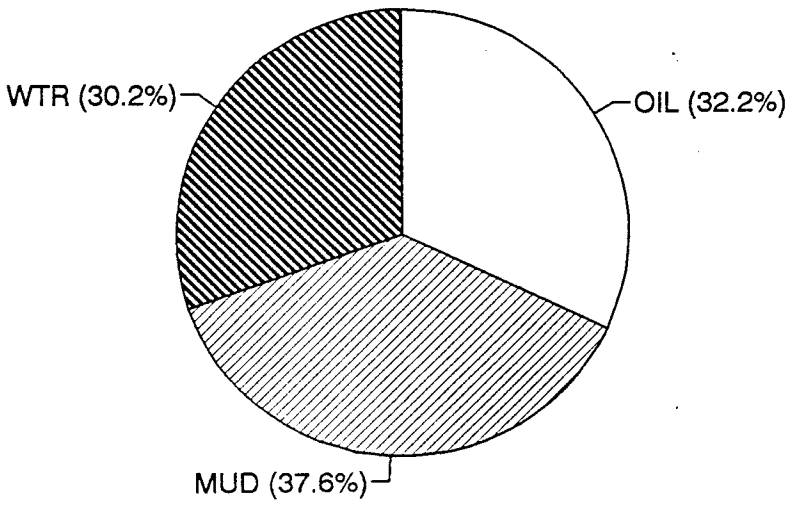
CALCULATED RECOVERY ANALYSIS

WEIGHT PIPE

DST # 4 TICKET # 5109

SAMPLE #	TOTAL FEET	%	GAS FEET	%	OIL FEET	%	WATER FEET	%	MUD FEET
1	10	0	0	100	10	0	0	0	0
2	10	0	0	40	4	0	0	60	6
3	62	0	0	20	12.4	40	24.8	40	24.8
4		0	0		0		0		0
5			0		0		0		0
TOTAL	82	0	0	32.195122	26.4	30.244	24.8	37.561	30.8

			HRS OPEN	BBL/DAY
BBL OIL=	0.1848	*	1.2	3.696
BBL WATER=	0.1736	*		3.472
BBL MUD=	0.2156			
BBL GAS=	0			



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5109

Well Name & No. Solomon #1 Test No. 4 Date 7-23-92

Company Carmen Schmitt, Inc. Zone Tested Arbuckle

Address _____ Elevation 1987 K.B.

Co. Rep./Geo. Steve Parker Cont. Duke #4 Est. Ft. of Pay _____

Location: Sec. 28 Twp. 11 Rge. 19 Co. Ellis State Ks.

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

Interval Tested 3481 - 3523 Drill Pipe Size 4.5 XH

Anchor Length 42 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3476 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3481 Wt. Pipe I.D. — 2.7 Ft. Run 193

Total Depth 3523 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.3 lb/gal. Viscosity 43 Filtrate 12.2

Tool Open @ 6:50 a.m. Initial Blow Weak - building to 3"

Final Blow No blow

Recovery — Total Feet 82 Feet of Gas in Pipe 60 Flush Tool? _____

Rec. 10	Feet Of C.O.	%gas	100 %oil	%water	%mud	
Rec. 10	Feet Of H.O.C.M.	%gas	40 %oil	%water	60 %mud	
Rec. 62	Feet Of O+MCWTC.	%gas	20 %oil	40 %water	40 %mud	
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud	
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud	

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity 24 °API

RW .155 @ 72 °F Chlorides 14,000 ppm Recovery Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud	1810 PSI	AK1 Recorder No.	13725-4	Range	4000
(B) First Initial Flow Pressure	88 PSI	@ (depth)	3485'	w/Clock No.	26199
(C) First Final Flow Pressure	99 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	1072 PSI	@ (depth)	3518	w/Clock No.	30401
(E) Second Initial Flow Pressure	110 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	110 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	1072 PSI	Initial Opening	60	Test	_____
(H) Final Hydrostatic Mud	1736 PSI	Initial Shut-In	45	Jars	_____
		Final Flow	20	Safety Joint	_____
		Final Shut-In	45	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	_____

Approved By _____

Our Representative _____

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SOLOMON #1 Test No. 5 Date 7/23/92

Company CARMEN SCHMITT, INC. Zone ARBUCKLE

Address P.O.BOX 47 GREAT BEND KS 67530 Elevation 1987 K.B.

Co. Rep./Geo. STEVE PARKER Cont. DUKE #4 Est. Ft. of Pay 8

Location: Sec. 28 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3481-3528 Drill Pipe Size 4.5 XH

Anchor Length 47 Wt. Pipe I.D. - 2.7 Ft. Run 193

Top Packer Depth 3476 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3481 Mud Wt. 9.3 lb/Gal.

Total Depth 3528 Viscosity 43 Filtrate 11.2

Tool Open @ 3:25 PM Initial Blow WEAK-BUILDING TO 4"- SLID TOOL 8' TO BOTTOM

Final Blow WEAK-BUILDING TO 1/4"

Recovery - Total Feet 140 Flush Tool? NO

Rec. 40 Feet of GAS IN PIPE

Rec. 20 Feet of CLEAN OIL

Rec. 60 Feet of OIL CUT MUD-30%OIL/70%MUD

Rec. 60 Feet of OIL CUT MUD-20%OIL/80%MUD

Rec. Feet of

BHT 110 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud 1750.3 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 41.2 PSI @ (depth) 3485 w / Clock No. 26199

(C) First Final Flow Pressure 70.3 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 998.5 PSI @ (depth) 3524 w / Clock No. 30401

(E) Second Initial Flow Pressure 81.1 PSI AK1 Recorder No. Range

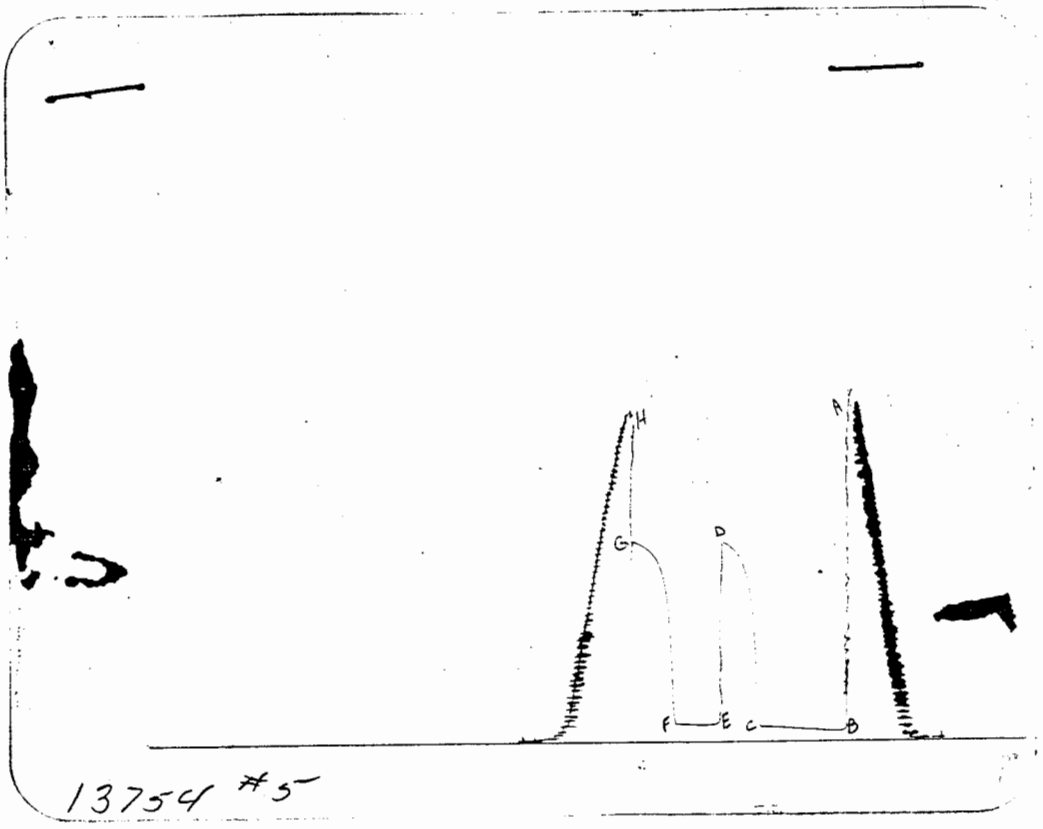
(F) Second Final Flow Pressure 90.2 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1010.7 PSI Initial Opening 60 Final Flow 30

(H) Final Hydrostatic Mud 1680.4 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1736	1750.3
(B) FIRST INITIAL FLOW PRESSURE	39	41.2
(C) FIRST FINAL FLOW PRESSURE	68	70.3
(D) INITIAL CLOSED-IN PRESSURE	996	998.5
(E) SECOND INITIAL FLOW PRESSURE	78	81.1
(F) SECOND FINAL FLOW PRESSURE	88	90.2
(G) FINAL CLOSED-IN PRESSURE	1006	1010.7
(H) FINAL HYDROSTATIC MUD	1686	1680.4

CALCULATED RECOVERY ANALYSIS

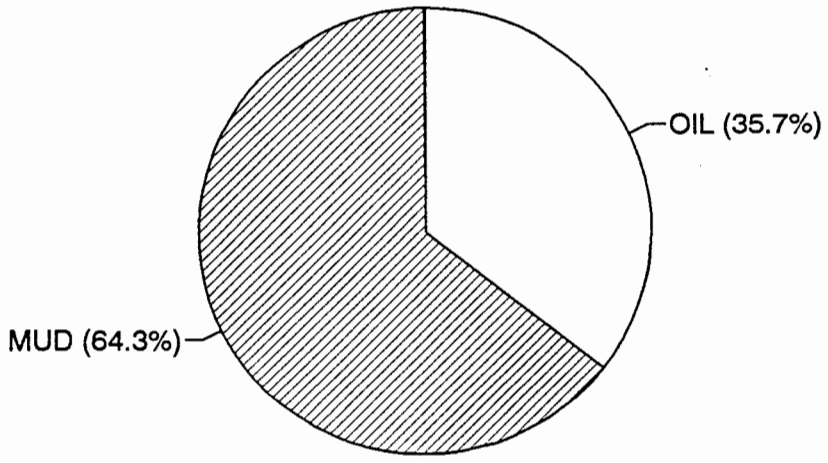
WEIGHT PIPE

DST # 5

TICKET # 5110

SAMPLE	TOTAL		GAS		OIL		WATER		MUD
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	20	0	0	100	20	0	0	0	0
2	60	0	0	30	18	0	0	70	42
3	60	0	0	20	12	0	0	80	48
4		0	0		0		0		0
5			0		0		0		0
TOTAL	140	0	0	35.714286	50	0	0	64.286	90

			HRS OPEN	BBL/DAY
BBL OIL=	0.35	*	1.5	5.6
BBL WATER=	0	*		0
BBL MUD=	0.63			
BBL GAS=	0			



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 5110

Well Name & No. Solomon #1 Test No. 5 Date 7-23-92

Company Carmen Schmitt, Inc. Zone Tested Arbuckle

Address _____ Elevation 1987 K.B.

Co. Rep./Geo. Steve Parker Cont. Duke #4 Est. Ft. of Pay 8

Location: Sec. 28 Twp. 11 Rge. 19 Co. Ellis State Ks.

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

Interval Tested 3481 - 3528 Drill Pipe Size 4.5 XH

Anchor Length 47 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3476 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3481 Wt. Pipe I.D. — 2.7 Ft. Run 193

Total Depth 3528 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.3 lb / gal. Viscosity 43 Filtrate 11.2

Tool Open @ 3:25 p.m. Initial Blow Weak - building to 4"

(Slid Tool 8' To bottom)

Final Blow Weak - building to 4"

Recovery — Total Feet 140 Feet of Gas in Pipe 40 Flush Tool? _____

Rec. 20 Feet Of C.O. %gas %oil %water %mud

Rec. 60 Feet Of O.C.M. %gas 30 %oil %water 70 %mud

Rec. 60 Feet Of O.C.M. %gas 20 %oil %water 80 %mud

Rec. _____ Feet Of _____ %gas %oil %water %mud

Rec. _____ Feet Of (No WTR) %gas %oil %water %mud

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud	1736 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	39 PSI	@ (depth)	3485	w/Clock No.	26199
(C) First Final Flow Pressure	68 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	996 PSI	@ (depth)	3524	w/Clock No.	30401
(E) Second Initial Flow Pressure	78 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	88 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	1006 PSI	Initial Opening	60	Test	_____
(H) Final Hydrostatic Mud	1686 PSI	Initial Shut-In	30	Jars	_____
		Final Flow	30	Safety Joint	_____
		Final Shut-In	30	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	_____

Approved By _____

Our Representative _____

Printcraft Printers - Hays, KS