

Computer Inventories TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

28-115-11E
ORIGINAL

15-051-24805

Well Name SOLOMAN #1 Test No. 1 Date 10/4/92
Company HORIZONTAL DEVELOPMENT & PRODUCTION Zone ARBUCKLE
Address 2535 MARSH LANE #1208 CORROLLTON TX 75006 Elevation 2039
Co. Rep./Geo. M STERNBERG/J TAYLOR Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
Location: Sec. 28 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3652-3577 Drill Pipe Size 4.5" XH
Anchor Length 15 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3557 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3562 Mud Wt. 9.2 lb/Gal.
Total Depth 3577 Viscosity 50 Filtrate 9

Tool Open @ 2:45 PM Initial Blow VERY WEAK SURFACE BLOW-DIED IN 28 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of OIL SPECKED MUD-GOOD SHOW OF OIL IN TOOL RECEIVED
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 _____ ppm System

(A) Initial Hydrostatic Mud 1830.6 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 32.4 PSI @ (depth) 3566 w / Clock No. 27501

(C) First Final Flow Pressure 32.4 PSI AK1 Recorder No. 24174 Range 3050

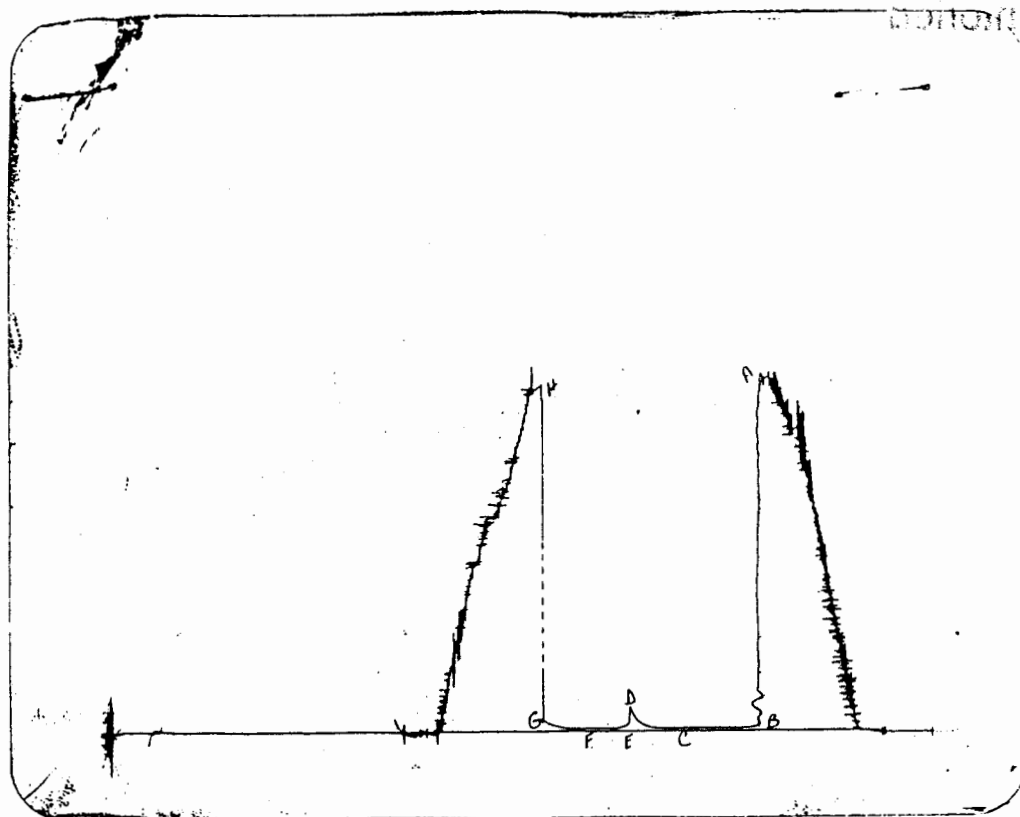
(D) Initial Shut-in Pressure 136.9 PSI @ (depth) 3576 w / Clock No. 27573

(E) Second Initial Flow Pressure 31.3 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 31.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 70.8 PSI Initial Opening 60 Final Flow 30

(H) Final Hydrostatic Mud 1760.4 PSI Initial Shut-in 30 Final Shut-in 30



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1826	1830.6
(B) FIRST INITIAL FLOW PRESSURE	30	32.4
(C) FIRST FINAL FLOW PRESSURE	30	32.4
(D) INITIAL CLOSED-IN PRESSURE	134	136.9
(E) SECOND INITIAL FLOW PRESSURE	30	31.3
(F) SECOND FINAL FLOW PRESSURE	30	31.3
(G) FINAL CLOSED-IN PRESSURE	74	70.8
(H) FINAL HYDROSTATIC MUD	1765	1760.4

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ORIGINAL

NE 5217

Test Ticket

Well Name & No. Solomon #1 Test No. 1 Date 10-4-92
 Company Horizontal Dev. + Prod. Inc Zone Tested Arbuckle
 Address 2535 Marsh Lane #1208 Carrollton, TX 75006 Elevation 2039 KB
 Co. Rep./Geo. Mike Sternberg / Jesse Taylor Cont. Emphasis #6 Est. Ft. of Pay _____
 Location: Sec. 28 Twp. 11S Rge. 19W Co. Ellis State KS
 No. of Copies 5 Distribution Sheet _____ Yes X No _____ Turnkey _____ Yes X No _____ Evaluation _____

Interval Tested 3562-3577 Drill Pipe Size 4 1/2 XH
 Anchor Length 15 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3557 Hole Size — 77/8" _____ Rubber Size — 63/4" _____
 Bottom Packer Depth 3562 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 3577 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.2 lb/gal. Viscosity 50 Filtrate 9.0
 Tool Open @ 2:45 PM Initial Blow 11 weak surface blow - chd in 28 minutes

Final Blow No blow

Recovery — Total Feet 5 Feet of Gas in Pipe _____ Flush Tool? no
 Rec. 5 Feet Of oil specked mud %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of good show of oil in tail %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 _____ ppm System

(A) Initial Hydrostatic Mud 1826 PSI Ak1 Recorder No. 22150 Range 3000 25
 (B) First Initial Flow Pressure 30 PSI @ (depth) 3566 w/Clock No. 27501
 (C) First Final Flow Pressure 30 PSI AK1 Recorder No. 24174 Range 3050
 (D) Initial Shut-In Pressure 134 PSI @ (depth) 3576 w/Clock No. 27573
 (E) Second Initial Flow Pressure 30 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 30 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 74 PSI Initial Opening 60 Test _____
 (H) Final Hydrostatic Mud 1765 PSI Initial Shut-In 30 Jars _____

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.

Final Flow 30 Safety Joint _____

Final Shut-In 30 Straddle _____

Approved By [Signature]

Our Representative Paul Simpson

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE \$ 500.00

TRILOBITE TESTING, L.L.C. ORIGINAL

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Drill-Stem Test Data

15-051-24805

Well Name SOLOMAN #1 Test No. 2 Date 10/5/92
Company HORIZONTAL DEVELOPMENT & PRODUCTION Zone ARBUCKLE
Address 2535 MARSH LANE #1208 CORROLLTON TX 75006 Elevation 2039
Co. Rep./Geo. M STERNBERG/J TAYLOR Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
Location: Sec. 28 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3562-3586
Anchor Length 24
Top Packer Depth 3557
Bottom Packer Depth 3562
Total Depth 3586

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run _____
Mud Wt. 8.9 lb/Gal.
Viscosity 52 Filtrate 12

Tool Open @ 3:08 AM Initial Blow WEAK 1/2" BLOW BUILDING TO 1.5"

Final Blow NO BLOW

Recovery - Total Feet 30 Flush Tool? NO

Rec. 30 Feet of MUD WITH FEW OIL SPOTS

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 _____ ppm System

(A) Initial Hydrostatic Mud 1844.7 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 41.2 PSI @ (depth) 3566 w / Clock No. 30401

(C) First Final Flow Pressure 45.9 PSI AK1 Recorder No. 24174 Range 3050

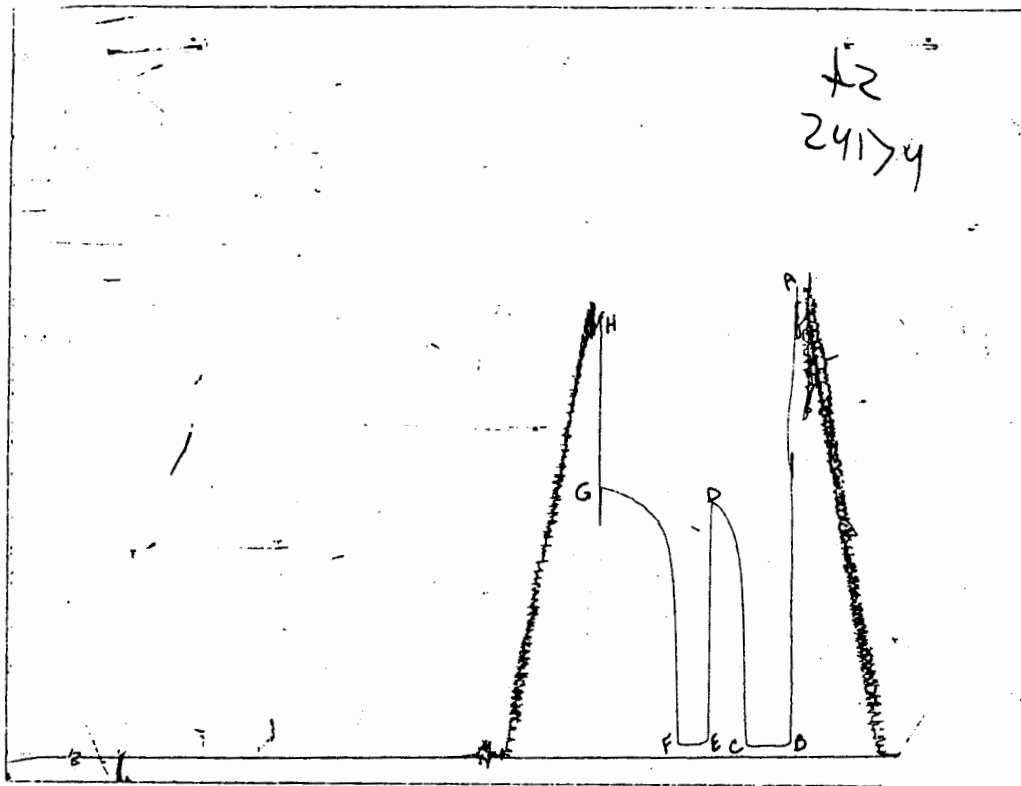
(D) Initial Shut-in Pressure 1022.3 PSI @ (depth) 3585 w / Clock No. 27573

(E) Second Initial Flow Pressure 43.7 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 43.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1075.6 PSI Initial Opening 30 Final Flow 20

(H) Final Hydrostatic Mud 1809.6 PSI Initial Shut-in 30 Final Shut-in 60



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1841	1844.7
(B) FIRST INITIAL FLOW PRESSURE	37	41.2
(C) FIRST FINAL FLOW PRESSURE	44	45.9
(D) INITIAL CLOSED-IN PRESSURE	1024	1022.3
(E) SECOND INITIAL FLOW PRESSURE	44	43.7
(F) SECOND FINAL FLOW PRESSURE	44	43.7
(G) FINAL CLOSED-IN PRESSURE	1077	1075.6
(H) FINAL HYDROSTATIC MUD	1811	1809.6

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ORIGINAL

Test Ticket

NE 5218

Well Name & No. <u>Solomon #1</u>	Test No. <u>2</u>	Date <u>10-5-92</u>
Company <u>H D P</u>	Zone Tested <u>Nrb</u>	
Address <u>2535 Marsh Lane #1208 Carrollton TX 75006</u>	Elevation <u>2039 LB</u>	
Co. Rep./Geo. <u>Jesse Taylor</u>	cont. <u>Emery #6</u>	Est. Ft. of Pay _____
Location: Sec. <u>28</u> Twp. <u>11s</u> Rge. <u>19w</u> Co. <u>611s</u> State <u>ks</u>		
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>3562 - 3586</u>	Drill Pipe Size <u>4 1/2 x 14</u>
Anchor Length <u>24</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3557</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3562</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>3586</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>8.9</u> lb/gal.	Viscosity <u>52</u> Filtrate <u>12</u>
Tool Open @ <u>3:08 AM</u>	Initial Blow <u>weak 1/2" blow building to 1 1/2"</u>

Final Blow no blow

Recovery — Total Feet <u>30</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>30</u> Feet Of <u>mud w/few oil spots</u>	%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 <u>99</u> °F	Gravity _____ °API @ _____ °F	Corrected Gravity _____ °API
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____ Chlorides _____ ppm
(A) Initial Hydrostatic Mud <u>1841</u>	PSI	AK1 Recorder No. <u>22150</u> Range <u>3925</u>
(B) First Initial Flow Pressure <u>37</u>	PSI @ (depth) <u>3566</u>	w/Clock No. <u>30401</u>
(C) First Final Flow Pressure <u>44</u>	PSI	AK1 Recorder No. <u>24174</u> Range <u>3050</u>
(D) Initial Shut-In Pressure <u>1024</u>	PSI @ (depth) <u>3585</u>	w/Clock No. <u>27573</u>
(E) Second Initial Flow Pressure <u>44</u>	PSI	AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure <u>44</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>1077</u>	PSI	Initial Opening <u>30</u> Test <u>Y</u>
(H) Final Hydrostatic Mud <u>1811</u>	PSI	Initial Shut-In <u>30</u> Jars _____

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Approved By [Signature]

Our Representative [Signature]

Final Flow <u>20</u>	Safety Joint _____
Final Shut-In <u>60</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Other _____