

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SCHUEERMAN #2 Test No. 1 Date 1/8/92
Company RAINS & WILLIAMSON Zone Tested CHER SAND
Address 220 W DOUGLAS #435 WICHITA KS 67 Elevation 2137 G.L.
Co. Rep./Geo. MR MONTE MARRS Cont. MALLARD DRLG #1 Est. Ft. of Pay _____
Location: Sec. 34 Twp. 18S Rge. 20W Co. RUSH State KS

Interval Tested 4097-4134 Drill Pipe Size 4.5 XH
Anchor Length 37 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth _____ Drill Collar — 2.25 Ft. Run 360
Bottom Packer Depth 4097
Total Depth 4134

Mud Wt. _____ lb / gal. Viscosity _____ Filtrate _____

Tool Open @ 10:20 AM Initial Blow WEAK FOR 5 MINUTES

Final Blow NONE TAKEN

Recovery — Total Feet 2 Flush Tool? NO

Rec. 2 Feet of DRILLING MUD

Rec. _____ Feet of _____

BHT 102 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud 2193.2 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 42.3 PSI @ (depth) 4103 w/Clock No. 27814

(C) First Final Flow Pressure 42.3 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-in Pressure 42.3 PSI @ (depth) 4134 w/Clock No. 27813

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

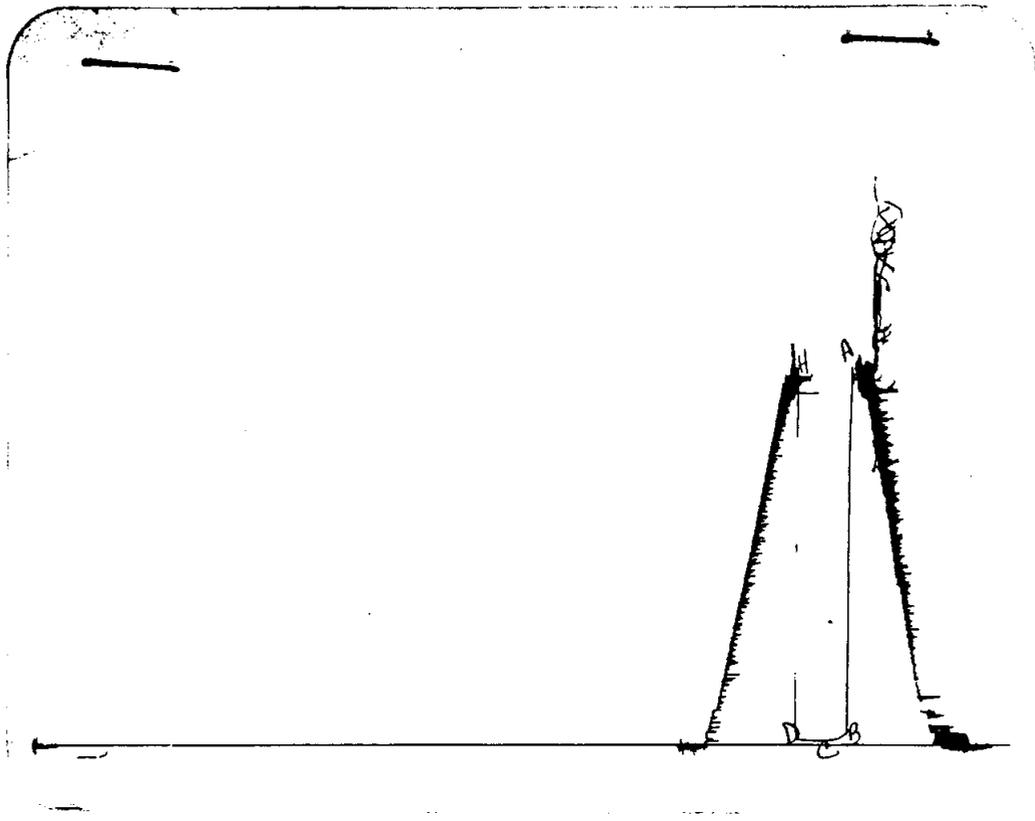
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

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

(H) Final Hydrostatic Mud 2188.2 PSI Initial Shut-in 20 Final Shut-in _____

Our Representative HARRY SCHMIDT

TOTAL PRICE \$ 800



POINT This is an actual photograph of recorder chart PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2185	2193.2
(B) FIRST INITIAL FLOW PRESSURE	40	42.3
(C) FIRST FINAL FLOW PRESSURE	40	42.3
(D) INITIAL CLOSED-IN PRESSURE	40	42.3
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2185	2188.2

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Test Ticket

No 4512

Well Name & No. SCHEUERMAN # 2 Test No. ONE Date 1-8-92
 Company RAINS & WILLIAMSON OIL CO. INC. Zone Tested CHEROKIE SAND
 Address 220 W. DUNNAN SUITE 435 67202 WICHITA Elevation 2137 GL
 Co. Rep./Geo. MONTE MARRY Cont. MALLARD Est. Ft. of Pay _____
 Location: Sec. 34 Twp. 18S Rge. 20W Co. RUSH State KS.
 No. of Copies 5 Distribution Sheet _____ Yes _____ No (X) Turnkey _____ Yes _____ No (X) Evaluation _____

Interval Tested 4097 TO 4134 Drill Pipe Size 4 1/2" x 17.
 Anchor Length 37 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth _____ Hole Size — 77/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4097 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4134 Drill Collar — 2.25 Ft. Run 360'
 Mud Wt. _____ lb/gal. Viscosity _____ Filtrate _____
 Tool Open @ 10:20 A Initial Blow WEAK FOR 5 MIN.

Final Blow NONE TAKEN

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>2</u>		<u>NO</u>
Rec. <u>2</u> Feet Of <u>MUD</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 102 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

- (A) Initial Hydrostatic Mud 2185 PSI Ak1 Recorder No. 13851 Range 4425
- (B) First Initial Flow Pressure 40 PSI @ (depth) 4103 w/Clock No. 27814
- (C) First Final Flow Pressure 40 PSI AK1 Recorder No. 13850 Range 4325
- (D) Initial Shut-In Pressure 40 PSI @ (depth) 4134 w/Clock No. 27813
- (E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure _____ PSI Initial Opening 20 Test 550⁰⁰
- (H) Final Hydrostatic Mud 2185 PSI Initial Shut-In 20 Jars 200⁰⁰

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 _____ Safety Joint 50⁰⁰

Final Shut-In _____ Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE \$ 800⁰⁰

Approved By Monte R. Manno

Our Representative [Signature]