

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name LEIKER #1 Test No. 1 Date 6/1/94
Company ABERCROMBIE DRILLING INC Zone LANSING "B-D"
Address 150 N MAIN #801 WICHITA KS 67202 Elevation 2773
Co. Rep./Geo. STEVE DAVIS Cont. ABERCROMBIE DRLG RIG #8 Est. Ft. of Pay _____
Location: Sec. 27 Twp. 9S Rge. 28W Co. SHERIDAN State KS

Interval Tested <u>3932-3975</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>43</u>	Wt. Pipe I.D. - 2.7 Ft. Run <u>635</u>
Top Packer Depth <u>3927</u>	Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth <u>3932</u>	Mud Wt. <u>9.1</u> lb/Gal.
Total Depth <u>3975</u>	Viscosity <u>46</u> Filtrate <u>7.2</u>

Tool Open @ 2:40 PM Initial Blow FAIR BLOW - 2 TO 11" IN WATER

Final Blow FAIR TO STRONG BLOW - BOTTOM OF BUCKET IN 35 MINUTES

Recovery - Total Feet 580 Flush Tool? NO

Rec. <u>70</u>	Feet of <u>MUDDY WATER W/ FEW OIL SPECKS- 75% WTR/ 25% MUD</u>
Rec. <u>510</u>	Feet of <u>SALT WATER</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 115 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.35 @ 83 °F Chlorides 35000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 1909.1 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 33.3 PSI @ (depth) 3972 w / Clock No. 22993

(C) First Final Flow Pressure 101.6 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1146.7 PSI @ (depth) 3936 w / Clock No. 30410

(E) Second Initial Flow Pressure 133.3 PSI AK1 Recorder No. _____ Range _____

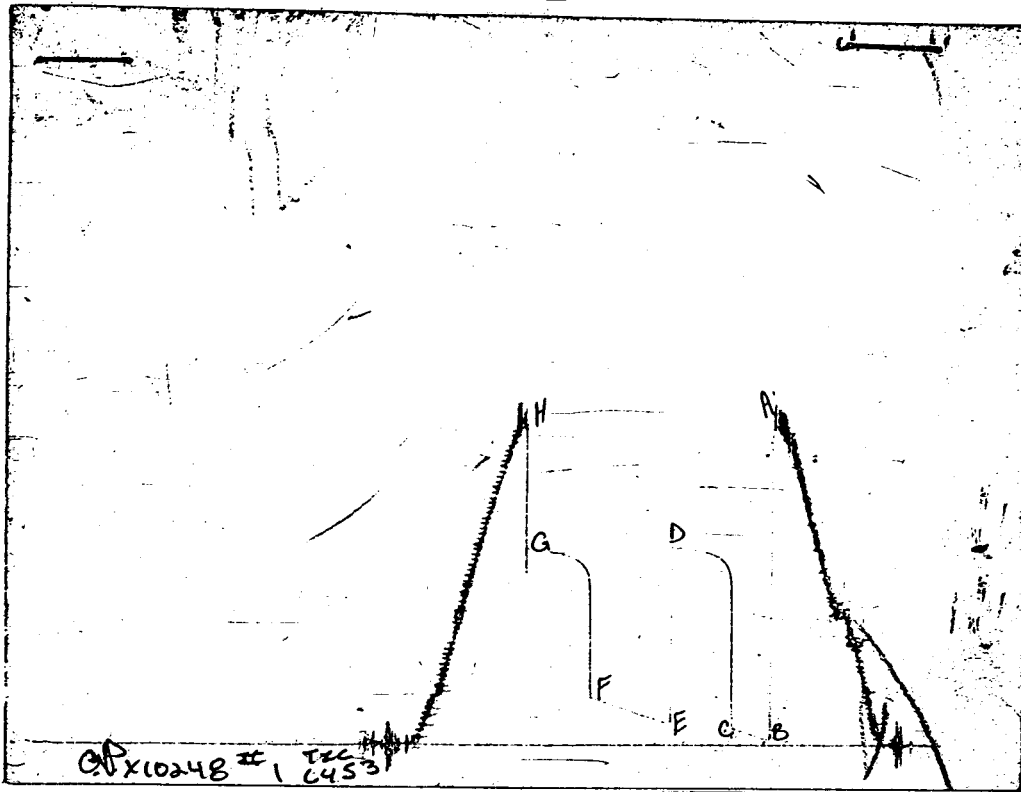
(F) Second Final Flow Pressure 278.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1132.5 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1898.1 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart #10248

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1916	1909.1
(B) FIRST INITIAL FLOW PRESSURE	28	33.3
(C) FIRST FINAL FLOW PRESSURE	96	101.6
(D) INITIAL CLOSED-IN PRESSURE	1148	1146.7
(E) SECOND INITIAL FLOW PRESSURE	119	133.3
(F) SECOND FINAL FLOW PRESSURE	279	278.7
(G) FINAL CLOSED-IN PRESSURE	1141	1132.5
(H) FINAL HYDROSTATIC MUD	1876	1898.1

Test Ticket

No 6453

Well Name & No. LEIKER #1 Test No. 1 Date 6-1-94
Company ABERCROMBIE DRUG- INC. Zone Tested LAWS "B-D"
Address 150 N MAIN SUITE 801, WICHITA KS 67202 Elevation 2773 K.B.
Co. Rep./Geo. STEVE DAVIS Cont. Co. Tools Rig #8 Est. Ft. of Pay _____
Location: Sec. 27 Twp. 9S Rge. 28W Co. SHERIDAN State KS
No. of Copies 5 Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3932 - 3975' Drill Pipe Size 4 1/2" x 4
Anchor Length 43' Top Choke — 1" ☒ Bottom Choke — 3/4" ☒
Top Packer Depth 3927' Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
Bottom Packer Depth 3932' Wt. Pipe I.D. — 2.7 Ft. Run 635'
Total Depth 3975' Drill Collar — 2.25 Ft. Run None
Mud Wt. 9.1 lb/gal. Viscosity 46 Filtrate 7.2 cc.
Tool Open @ 2:40 P.M. Initial Blow Fair blow. (2-11" in 1420)

Final Blow Fair to strong blow. (later of lunch in 35 mins.)

Recovery — Total Feet 580' Feet of Gas in Pipe None Flush Tool? No
Rec. 70 Feet Of M.W. (use a few oil spec) %gas _____ %oil 75 %water 25 %mud
Rec. 510 Feet Of Salt Water %gas _____ %oil 99 %water 1 %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 N.A. °API @ _____ °F Corrected Gravity N.A. °API
RW 0.35 @ 83 °F Chlorides 35,000 ppm Recovery Chlorides 4,000 ppm System
(A) Initial Hydrostatic Mud 1916 PSI AK1 Recorder No. 13788 Range 4650
(B) First Initial Flow Pressure 28 PSI @ (depth) 3972' w/Clock No. 22993
(C) First Final Flow Pressure 96 PSI AK1 Recorder No. 10248 Range 4400
(D) Initial Shut-In Pressure 1148 PSI @ (depth) 3936' w/Clock No. 30416
(E) Second Initial Flow Pressure 119 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 279 PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure 1141 PSI Initial Opening 30 Test ☒ 600°
(H) Final Hydrostatic Mud 1876 PSI Initial Shut-In 45 Jars _____

Final Flow 60 Safety Joint ☒ 50°
Final Shut-In 45 Straddle _____
Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____
TOTAL PRICE \$ ☒ 650.00

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Approved By [Signature]
Our Representative [Signature]