25-25-21W

COPY

ABERCROMBIE RTD, INC.
DRILLING CONTRACTOR
150 N. MAIN, SUITE 801 / WICHITA, KANSAS 67202 / 316-262-1841

DITGES #2
S/2 N/2 SE
Sec. 25-25S-21W
Ford Co., KS

API #15-057-20522

ELECTRIC LOG TOPS

Anhydrite	1378'	(+897')
Base Anhydrite	1399'	(+876')
Heebner	3997'	(-1722')
Brown Lime	4104'	(-1829')
Lansing	4114'	(-1839')
BKC	4506'	(-2231')
Marmaton	4513'	(-2238')
Fort Scott	4629'	(-2354')
Upper Cherokee Shale	4644'	(-2369')
Lower Cherokee Shale	4676'	(-2401')
Lower Cherokee Lime	4597'	(-2422')
Warsaw	4735'	(-2470')
Osage	4778'	(-2505')
LTD	4819'	(-2544')
RTD	4820'	

DST #1 4133'-4166' (Lansing B)
30-45-60-45
Rec. 90' oil sptd watery mud
780' salt water
IFPs 49-187 ISIP 1276
FFPs 216-393 FSIP 1266

DST #2 4677'-4708' (Cherokee Lime)
30-45-30-45
Rec. 60' mud
IFPs 39-39 ISIP 49
FFPs 39-39 FSIP 49

DST #3 4706'-4748' (Warsaw)
30-45-30-45
Rec. 40' mud
IFPs 49-49 ISIP 88
FFPs 49-59 FSIP 78

DST #4 4704'-4754' (Warsaw)
30-45-30-45
Rec. 70' drilling mud
IFPs 39-39 ISIP 285
FFPs 49-59 FSIP 265

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: DITGES #2 | Test No.: 1 | Date: 1/15/94

Company: ABERCROMBIE DRILLING INC | Zone: LANSING "B"

Address: 150 N MAIN #801 WICHITA KS 67202 | Elevation: 2275

Co. Rep./Geo.: STEVE FRANKAMP | Cont.: ABERCROMBIE DRLG RIG #8 | Est. Ft. of Pay:

Location: Sec.: 25 | Twp.: 25S | Rge.: 20W | Co.: FORD | State: KS

Interval Tested: 4133-4166 | Drill Pipe Size: 4.5" XH

Anchor Length: 33 | Wt. Pipe I.D. - 2.7 Ft. Run: 658

Top Packer Depth: 4128 | Drill Collar – 2.25 Ft. Run:

Bottom Packer Depth: 4133 | Mud Wt.: 9.1 lb/Gal.

Total Depth: 4166 | Viscosity: 42 | Filtrate: 8.8

Tool Open @: 10:00 AM | Initial Blow: WEAK BLOW BUILDING TO STRONG BLOW OFF BOTTOM 10 MIN

ISI: BLED OFF BLOW-VERY WEAK RETURN AFTER 10 MIN 1/8"

Final Blow: WEAK BLOW BUILDING TO STRONG BLOW -OFF BOTTOM IN 18 MINUTES

FSI: BLED OFF BLOW-VERY WEAK RETURN AFTER 6 MIN-SURFACE BLOW

Recovery - Total Feet: 870 | Flush Tool?: NO

Rec. 90 Feet of SLIGHTLY WATERY MUD-20%WTR/80%MUD

Rec. 780 Feet of VERY SLIGHTLY MUDDY WATER-95%WTR/5%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

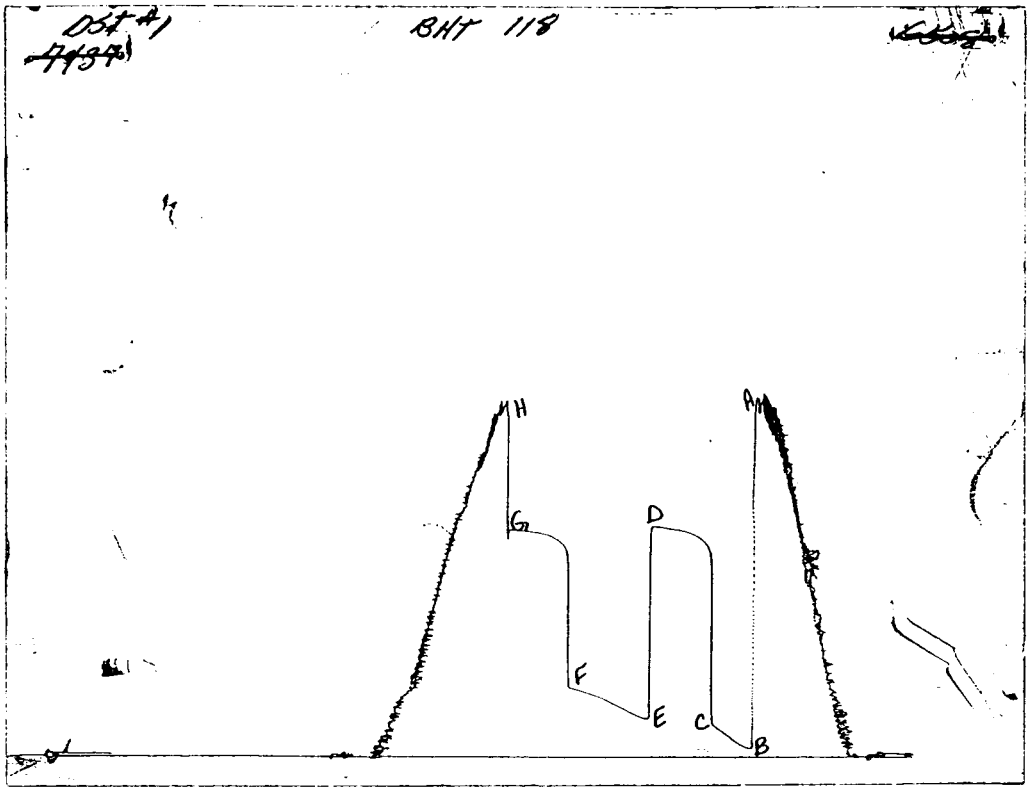
BHT: 118 °F | Gravity: °API | @ °F | Corrected Gravity: °API

RW: 0.29 | @: 55 °F | Chlorides: 32000 ppm Recovery | Chlorides: 7000 ppm System

(A) Initial Hydrostatic Mud: 1982.0 PSI	AK1 Recorder No.: 7437	Range: 4200	
(B) First Initial Flow Pressure: 45.2 PSI	@ (depth): 4136	w / Clock No.: 27501	
(C) First Final Flow Pressure: 181.7 PSI	AK1 Recorder No.: 13754	Range: 4000	
(D) Initial Shut-in Pressure: 1284.2 PSI	@ (depth): 4163	w / Clock No.: 8179	
(E) Second Initial Flow Pressure: 218.1 PSI	AK1 Recorder No.:	Range:	
(F) Second Final Flow Pressure: 397.5 PSI	@ (depth):	w / Clock No.:	
(G) Final Shut-in Pressure: 1264.2 PSI	Initial Opening: 30	Final Flow: 60	
(H) Final Hydrostatic Mud: 1954.6 PSI	Initial Shut-in: 45	Final Shut-in: 45	

Our Representative: PETE WAGGONER

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2026	1982
(B) FIRST INITIAL FLOW PRESSURE	49	45.2
(C) FIRST FINAL FLOW PRESSURE	187	181.7
(D) INITIAL CLOSED-IN PRESSURE	1276	1284.2
(E) SECOND INITIAL FLOW PRESSURE	216	218.1
(F) SECOND FINAL FLOW PRESSURE	393	397.5
(G) FINAL CLOSED-IN PRESSURE	1266	1264.2
(H) FINAL HYDROSTATIC MUD	2006	1954.6

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

Test Ticket

№ 6508

Well Name & No. Oltges #2 Test No. 1 Date 1-15-94
Company A.L. Abercrombie, Inc. Zone Tested Lansing 'B'
Address 150 N. Main Ste. 801 Wichita Ks. Elevation 2226' KB
Co. Rep./Geo. Steve Frantamp Cont Abercrombie Rig 8 Est. Ft. of Pay
Location: Sec. 25 Twp. 25s Rge. 20w Co. Ford State Ks
No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 4133' to 4166' Drill Pipe Size 4½" XH
Anchor Length 33' Top Choke — 1" Bottom Choke — ¾"
Top Packer Depth 4128' Hole Size — 7⅞" Rubber Size — 6¾"
Bottom Packer Depth 4133' Wt. Pipe I.D. — 2.7 Ft. Run 658'
Total Depth 4166 Drill Collar — 2.25 Ft. Run —
Mud Wt. 9.1 lb/gal. Viscosity 42 Filtrate 8.8

Tool Open @ 10:00 Am Initial Blow weak blow building to strong blow off bottom 10min
15t - bled off blow - very weak return after 10min ⅛"
Final Blow weak blow building to strong blow - off bottom in 18min
15t - bled off blow - very weak return after 6min - surface blow
Recovery — Total Feet 870' Feet of Gas in Pipe — Flush Tool? No

Rec. 90 Feet Of slightly watery mud —%gas —%oil 20 %water 80 %mud
Rec. 780 Feet Of very slightly muddy water —%gas —%oil 95 %water 5 %mud
Rec. Feet Of %gas %oil %water %mud
Rec. Feet Of %gas %oil %water %mud
Rec. Feet Of %gas %oil %water %mud

BHT 118 °F Gravity °API @ °F Corrected Gravity °API
RW .29 @ 55 °F Chlorides 32,000 ppm Recovery Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud 2026 PSI AK1 Recorder No. 7437 Range 4200
(B) First Initial Flow Pressure 49 PSI @ (depth) 4136 w/Clock No. 27501
(C) First Final Flow Pressure 187 PSI AK1 Recorder No. 13754 Range 4200
(D) Initial Shut-In Pressure 1276 PSI @ (depth) 4163 w/Clock No. 8179
(E) Second Initial Flow Pressure 216 PSI AK1 Recorder No. Range
(F) Second Final Flow Pressure 393 PSI @ (depth) w/Clock No.
(G) Final Shut-In Pressure 1266 PSI Initial Opening 30 Test X 600.00
(H) Final Hydrostatic Mud 2006 PSI Initial Shut-In 45 Jars
Final Flow 60 Safety Joint
Final Shut-In 45 Straddle
Circ. Sub 9 N-C
Sampler
Extra Packer
Other
TOTAL PRICE $ 600.00

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 Steve Frantamp
Our Representative Pete Waggoner

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: DITGES #2 | Test No.: 2 | Date: 1/17/94

Company: ABERCROMBIE DRILLING INC | Zone: CHEROKEE

Address: 150 N MAIN #801 WICHITA KS 67202 | Elevation: 2275

Co. Rep./Geo.: STEVE FRANKAMP | Cont.: ABERCROMBIE DRLG RIG #8 | Est. Ft. of Pay:

Location: Sec.: 25 | Twp.: 25S | Rge.: 20W | Co.: FORD | State: KS

Interval Tested: 4677-4708 | Drill Pipe Size: 4.5" XH

Anchor Length: 31 | Wt. Pipe I.D. - 2.7 Ft. Run: 658

Top Packer Depth: 4672 | Drill Collar – 2.25 Ft. Run:

Bottom Packer Depth: 4677 | Mud Wt.: 9.4 lb/Gal.

Total Depth: 4708 | Viscosity: 46 | Filtrate: 12

Tool Open @: 11:43 AM | Initial Blow: WEAK-BUILDING TO 1/4"

Final Blow: NO BLOW

Recovery - Total Feet: 60 | Flush Tool?: YES

Rec. 60 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

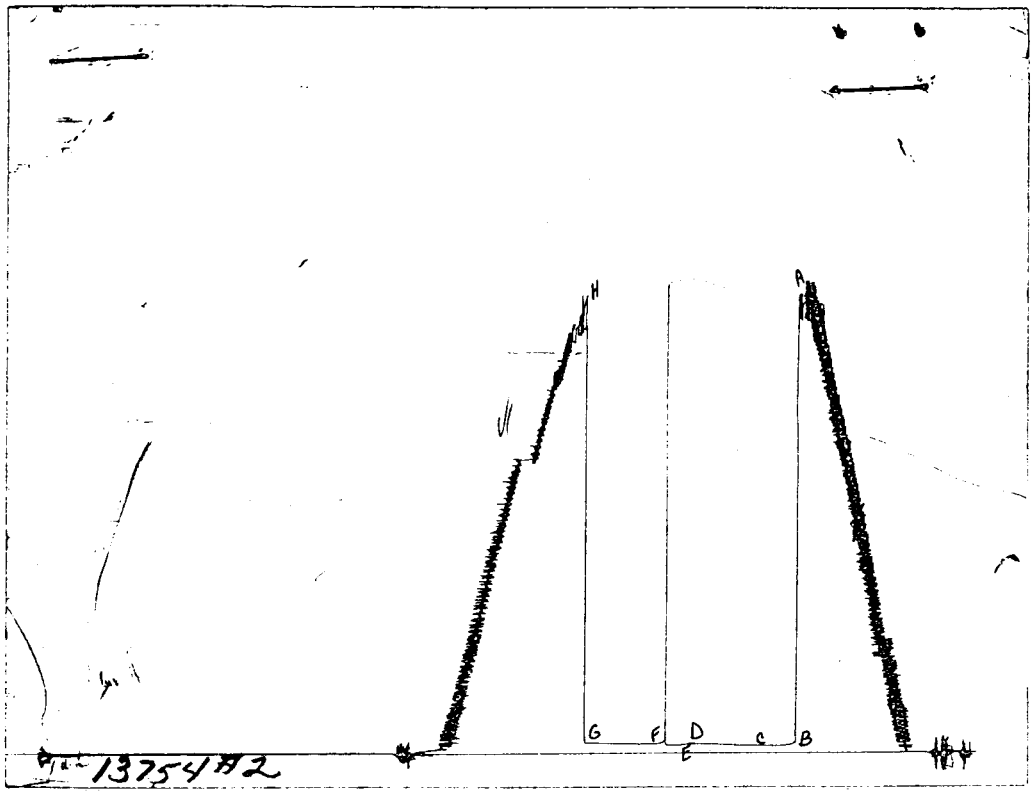
BHT: 112 °F | Gravity: °API @ °F | Corrected Gravity: °API

RW: @ °F | Chlorides: ppm Recovery | Chlorides: 7000 ppm System

(A) Initial Hydrostatic Mud	2431.1 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	45.2 PSI	@ (depth)	4681	w / Clock No.	27501
(C) First Final Flow Pressure	40.3 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-in Pressure	52.1 PSI	@ (depth)	4704	w / Clock No.	8179
(E) Second Initial Flow Pressure	47.2 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	48.2 PSI	@ (depth)		w / Clock No.	
(G) Final Shut-in Pressure	53.1 PSI	Initial Opening	30	Final Flow	30
(H) Final Hydrostatic Mud	2340.1 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	2451	2431.1
(B) FIRST INITIAL FLOW PRESSURE	39	45.2
(C) FIRST FINAL FLOW PRESSURE	39	40.3
(D) INITIAL CLOSED-IN PRESSURE	49	52.1
(E) SECOND INITIAL FLOW PRESSURE	39	47.2
(F) SECOND FINAL FLOW PRESSURE	39	48.2
(G) FINAL CLOSED-IN PRESSURE	49	53.1
(H) FINAL HYDROSTATIC MUD	2350	2340.1

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

Test Ticket

№ 6509

Well Name & No. Diggs #2 Test No. 2 Date 1-17-94
Company A.L. Abercrombie, Inc. Zone Tested Cherokee lime
Address Elevation 2225 K.B.
Co. Rep./Geo. Steve Frankamp Cont. Abercrombie #8 Est. Ft. of Pay
Location: Sec. 25 Twp. 25 Rge. 20 Co. Ford State Ks.
No. of Copies 5 Distribution Sheet ____ Yes ____ No Turnkey ____ Yes ____ No ____ Evaluation

Interval Tested 4677-4708 Drill Pipe Size 4.5 XH
Anchor Length 31 Top Choke — 1" ____ Bottom Choke — ¾" ____
Top Packer Depth 4672 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____
Bottom Packer Depth 4677 Wt. Pipe I.D. — 2.7 Ft. Run 658
Total Depth 4708 Drill Collar — 2.25 Ft. Run
Mud Wt. 9.4 lb/gal. Viscosity 46 Filtrate 12
Tool Open @ 11:43 a.m. Initial Blow Weak - building to ¼"
Final Blow No blow

Recovery — Total Feet 60 Feet of Gas in Pipe ____ Flush Tool? ✓

Rec. 60	Feet Of D.M.	%gas	%oil	%water 100	%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 112 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API
RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud	2451 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	39 PSI	@ (depth)	4681	w/Clock No.	27501
(C) First Final Flow Pressure	39 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	49 PSI	@ (depth)	4704	w/Clock No.	8179
(E) Second Initial Flow Pressure	39 PSI	AK1 Recorder No.	____	Range	____
(F) Second Final Flow Pressure	39 PSI	@ (depth)	____	w/Clock No.	____
(G) Final Shut-In Pressure	49 PSI	Initial Opening	30	Test	____
(H) Final Hydrostatic Mud	2350 PSI	Initial Shut-In	45	Jars	____
		Final Flow	30	Safety Joint	____
		Final Shut-In	45	Straddle	____
				Circ. Sub	____
				Sampler	____
				Extra Packer	____
				Other	____
				TOTAL PRICE $	____

Approved By Steve Frankamp
Our Representative Dan Banach

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name DITGES #2 Test No. 3 Date 1/18/94

Company ABERCROMBIE DRILLING INC Zone MISS

Address 150 N MAIN #801 WICHITA KS 67202 Elevation 2275

Co. Rep./Geo. STEVE FRANKAMP Cont. ABERCROMBIE DRLG RIG #8 Est. Ft. of Pay

Location: Sec. 25 Twp. 25S Rge. 20W Co. FORD State KS

Interval Tested 4706-4748 Drill Pipe Size 4.5" XH

Anchor Length 42 Wt. Pipe I.D. - 2.7 Ft. Run 658

Top Packer Depth 4701 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 4706 Mud Wt. 9.2 lb/Gal.

Total Depth 4748 Viscosity 48 Filtrate 12

Tool Open @ 5:30 AM Initial Blow WEAK 1/4" BLOW DECREASING TO VERY WEAK SURFACE BLOW

Final Blow NO BLOW

Recovery - Total Feet 40 Flush Tool? YES

Rec. 40 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT N/A °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 2451.4 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 42.3 PSI @ (depth) 4710 w / Clock No. 27501

(C) First Final Flow Pressure 42.3 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 85.6 PSI @ (depth) 4744 w / Clock No. 8179

(E) Second Initial Flow Pressure 54.1 PSI AK1 Recorder No. Range

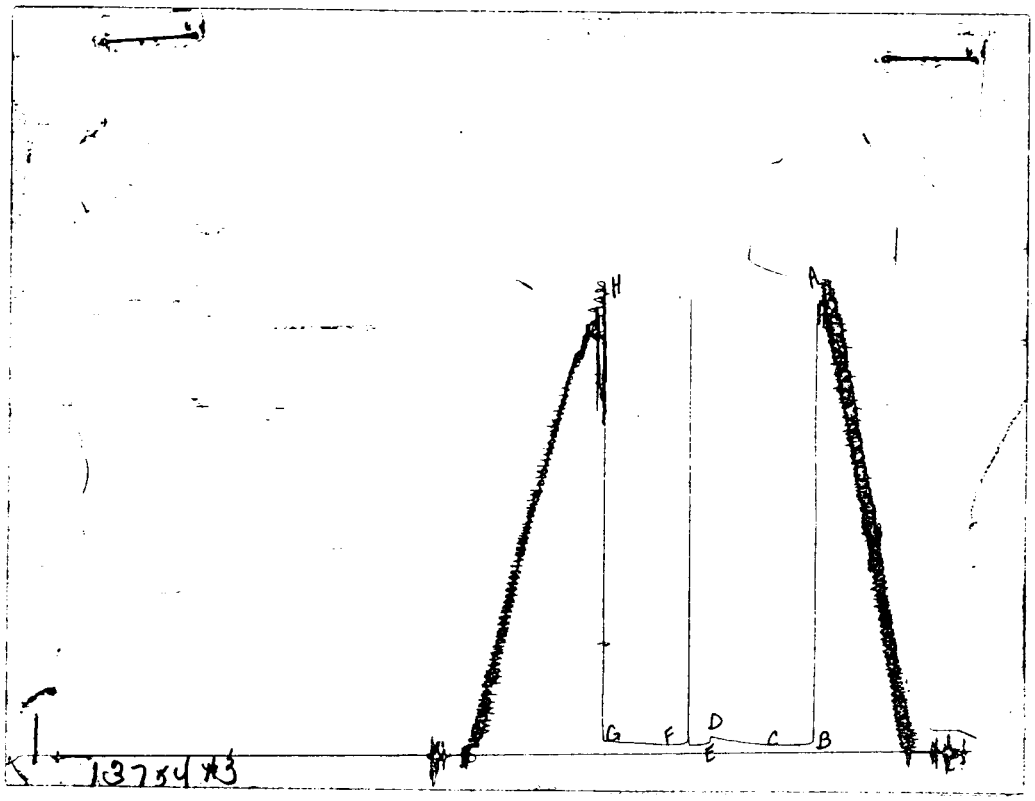
(F) Second Final Flow Pressure 42.3 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 67.9 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2345.1 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	2451	2451.4
(B) FIRST INITIAL FLOW PRESSURE	49	42.3
(C) FIRST FINAL FLOW PRESSURE	49	42.3
(D) INITIAL CLOSED-IN PRESSURE	88	85.6
(E) SECOND INITIAL FLOW PRESSURE	49	54.1
(F) SECOND FINAL FLOW PRESSURE	59	42.3
(G) FINAL CLOSED-IN PRESSURE	78	67.9
(H) FINAL HYDROSTATIC MUD	2350	2345.1

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

Test Ticket

№ 6510

Well Name & No. Ditges #2 Test No. 3 Date 1-18-94

Company A.b. Abercrombie, Inc Zone Tested Miss

Address _____ Elevation 2275 K.B.

Co. Rep./Geo. Steve Frankamp Cont. Abercrombie #8 Est. Ft. of Pay _____

Location: Sec. 25 Twp. 25 Rge. 21 Co. Ford State Ks.

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

Interval Tested 4706 - 4748 Drill Pipe Size 4½ XH

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

Top Packer Depth 4701 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 4706 Wt. Pipe I.D. — 2.7 Ft. Run 658

Total Depth 4748 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.2 lb / gal. Viscosity 48 Filtrate 12

Tool Open @ 5:30 a.m. Initial Blow weak ¼" blow decreasing to very weak surface blow.

Final Blow No blow

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

Rec. 40 Feet Of D-M %gas %oil %water 100 %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 — °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud 2451 PSI Ak1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 49 PSI @ (depth) 4710 w/Clock No. 27501

(C) First Final Flow Pressure 49 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-In Pressure 88 PSI @ (depth) 4744 w/Clock No. 8179

(E) Second Initial Flow Pressure 49 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 59 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 78 PSI Initial Opening 30 Test _____

(H) Final Hydrostatic Mud 2350 PSI Initial Shut-In 45 Jars _____

Final Flow 30 Safety Joint _____

Final Shut-In 45 Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE $ _____

Approved By Steve Frankamp

Our Representative Dan Bangle

Printcraft Printers - Hays, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: DITGES #2 | Test No.: 4 | Date: 1/18/94

Company: ABERCROMBIE DRILLING INC | Zone: MISS

Address: 150 N MAIN #801 WICHITA KS 67202 | Elevation: 2275

Co. Rep./Geo.: STEVE FRANKAMP | Cont.: ABERCROMBIE DRLG RIG #8 | Est. Ft. of Pay:

Location: Sec.: 25 | Twp.: 25S | Rge.: 20W | Co.: FORD | State: KS

Interval Tested: 4707-4754 | Drill Pipe Size: 4.5" XH

Anchor Length: 47 | Wt. Pipe I.D. - 2.7 Ft. Run: 627

Top Packer Depth: 4702 | Drill Collar – 2.25 Ft. Run:

Bottom Packer Depth: 4707 | Mud Wt.: 9.3 lb/Gal.

Total Depth: 4754 | Viscosity: 51 | Filtrate: 12

Tool Open @: 9:50 PM | Initial Blow: WEAK-BUILDING TO 1"

Final Blow: NO BLOW

Recovery - Total Feet: 70 | Flush Tool?: YES

Rec. 70 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 118 °F | Gravity °API @ °F | Corrected Gravity °API

RW @ °F | Chlorides ppm Recovery | Chlorides 10000 ppm System

(A) Initial Hydrostatic Mud: 2441.2 PSI | AK1 Recorder No.: 13754 | Range: 4000

(B) First Initial Flow Pressure: 43.3 PSI | @ (depth): 4711 | w / Clock No.: 27501

(C) First Final Flow Pressure: 44.2 PSI | AK1 Recorder No.: 7437 | Range: 4200

(D) Initial Shut-in Pressure: 285.4 PSI | @ (depth): 4750 | w / Clock No.: 8179

(E) Second Initial Flow Pressure: 63.9 PSI | AK1 Recorder No.: | Range:

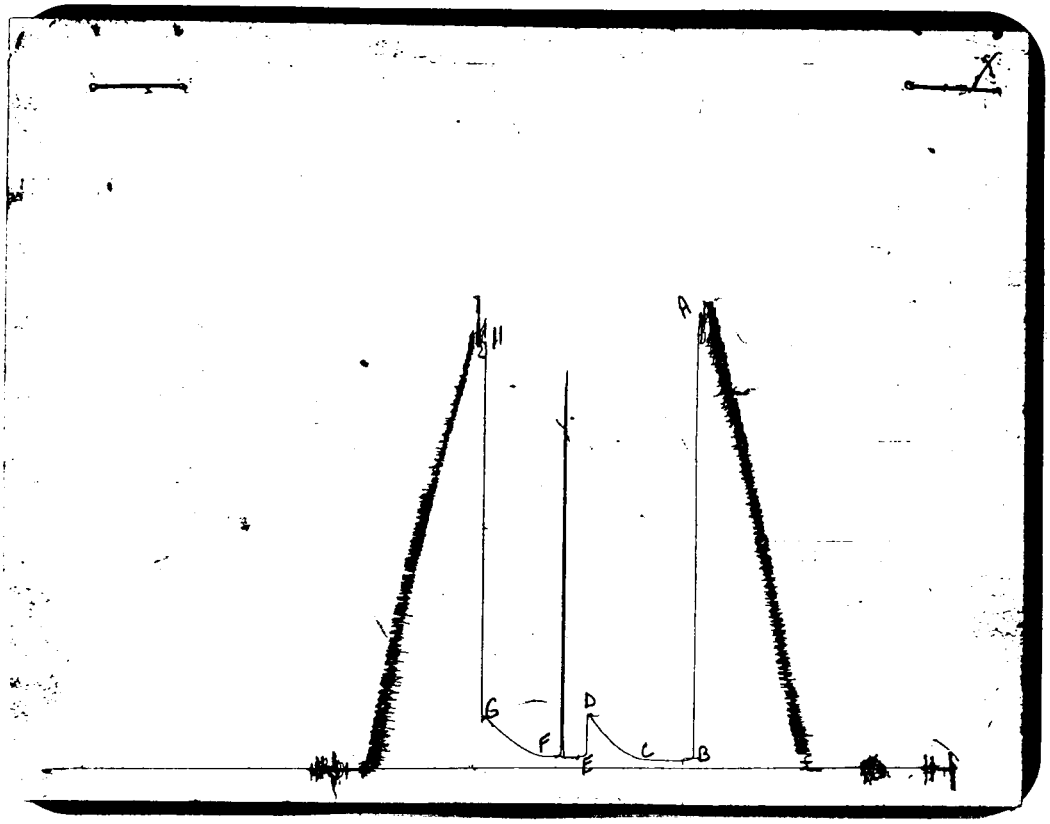
(F) Second Final Flow Pressure: 65.9 PSI | @ (depth): | w / Clock No.:

(G) Final Shut-in Pressure: 275.5 PSI | Initial Opening: 30 | Final Flow: 30

(H) Final Hydrostatic Mud: 2340.1 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	2431	2441.2
(B) FIRST INITIAL FLOW PRESSURE	39	43.3
(C) FIRST FINAL FLOW PRESSURE	39	44.2
(D) INITIAL CLOSED-IN PRESSURE	285	285.4
(E) SECOND INITIAL FLOW PRESSURE	49	63.9
(F) SECOND FINAL FLOW PRESSURE	59	65.9
(G) FINAL CLOSED-IN PRESSURE	265	275.5
(H) FINAL HYDROSTATIC MUD	2340	2340.1

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

Test Ticket

№ 6511

Name & No. Ditges #2 Test No. 4 Date 1-18-94

Company A.L. Abercrombie, Inc. Zone Tested Miss

Address _____ Elevation 2275 K.B.

Co. Rep./Geo. Steve Frankamp Cont. Abercrombie #8 Est. Ft. of Pay _____

Location: Sec. 25 Twp. 25 Rge. 21 Co. Ford State Ks.

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

Interval Tested 4707-4754 Drill Pipe Size 4.5 XH

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

Top Packer Depth 4702 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 4707 Wt. Pipe I.D. — 2.7 Ft. Run 627

Total Depth 4754 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.3 lb/gal. Viscosity 51 Filtrate 12

Tool Open @ 9:50 p.m. Initial Blow Weak - building to 1"

Final Blow No blow

Recovery — Total Feet 70 Feet of Gas in Pipe _____ Flush Tool? ✓

Rec. 70	Feet Of D.M.	%gas	%oil	%water 100	%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 118 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 10,000 ppm System

(A) Initial Hydrostatic Mud	2431 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	39 PSI	@ (depth)	4711	w/Clock No.	27501
(C) First Final Flow Pressure	39 PSI	AK1 Recorder No.	7437	Range	4200
(D) Initial Shut-In Pressure	285 PSI	@ (depth)	4750	w/Clock No.	8179
(E) Second Initial Flow Pressure	49 PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	59 PSI	@ (depth)	_____	w/Clock No.	_____
(G) Final Shut-In Pressure	265 PSI	Initial Opening	30	Test	_____
(H) Final Hydrostatic Mud	2340 PSI	Initial Shut-In	45	Jars	_____
		Final Flow	30	Safety Joint	_____
		Final Shut-In	45	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Other	_____
				TOTAL PRICE $	_____

Approved By Steve Frankamp

Our Representative Don Bangle

Printcraft Printers - Hays, KS