

WELL NAME: Moody #3
COMPANY: A.L. Abercrombie, Inc
LOCATION: 35-20S-35W
Wichita County Kansas
DATE: 06/10/96

TRILOBITE TESTING L.L.C.

OPERATOR : A.L. Abercrombie Inc

DATE 06/10/96

WELL NAME: Moody #3

KB 3159.00 ft

TICKET NO: 9256

DST #1

LOCATION : 35-20S-35W Wichita Cty KS

GR 3154.00 ft

FORMATION: Marmaton

INTERVAL : 4502.00 To 4576.00 ft

TD 4576.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF	0	Rec.	AK-1	AK-1	AK-1		PF Fr. to hr
SI	0	Range (Psi)	4000.0	4000.0	4700.0	0.0	IS Fr. to hr
SF	0	Clock (hrs)	12	12	12		SF Fr. to hr
FS	0	Depth (ft)	4571.0	4571.0	4536.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2323.0	2326.0	0.0	0.0	0.0	T STARTED 0030 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0228 hr
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0230 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0240 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0430 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	2293.0	2294.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	0.00 lbs
Wt Set On Packer	40000.00 lbs
Wt Pulled Loose	70000.00 lbs
Initial Str Wt	70000.00 lbs
Unseated Str Wt	70000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	4252.00 ft
H.W. I.D	2.70 in
H.W. Length	285.00 ft

RECOVERY

Tot Fluid 400.00 ft of 0.00 ft in DC and 115.00 ft in DP
400.00 ft of Drilling mud

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

*Packer failed, tried to reset, no help
Out of hole with tool

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	53.00 S/L
W.L.	9.50 in ³
F.C.	0.00 in
Mud Drop	

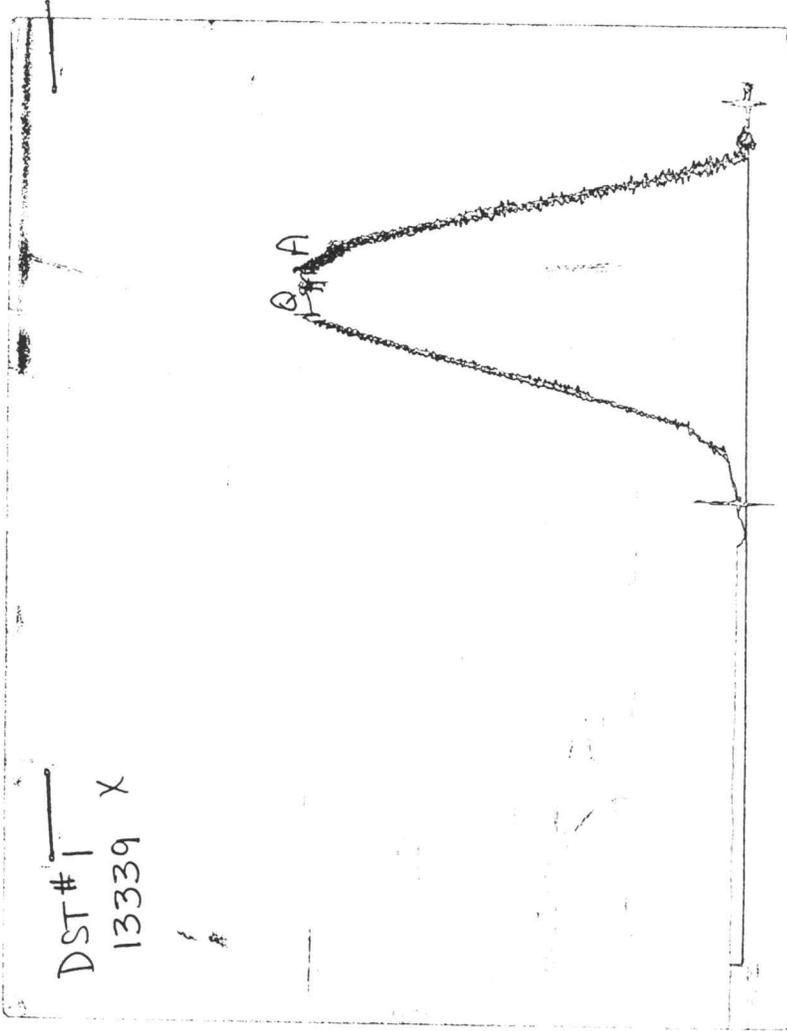
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Steve Davis
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: N

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 9256

Well Name & No.	<u>Moody #3</u>	Test No.	<u>1</u>	Date	<u>6-10-96</u>
Company	<u>A.L. Abercrombie, Inc.</u>	Zone Tested	<u>Marmaton</u>		
Address	<u>150 N. Main Ste #801 Wichita, KS. 67202</u>	Elevation	<u>3159</u>	KB	<u>3154</u> GL
Co. Rep / Geo.	<u>Steve Davis</u>	Cont.	<u>Abercrombie #4</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>35</u>	Twp.	<u>20^S</u>	Rge.	<u>35^W</u> Co. <u>Wichita</u> State <u>KS.</u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>N</u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>4502 - 4576</u>	Initial Str Wt./Lbs.	<u>70,000</u>	Unseated Str Wt./Lbs.	<u>70,000</u>
Anchor Length	<u>74'</u>	Wt. Set Lbs.	<u>40,000</u>	Wt. Pulled Loose/Lbs.	<u>70,000</u>
Top Packer Depth	<u>4497</u>	Hole Size — 7 7/8"	<u> </u>	Rubber Size — 6 3/4"	<u> </u>
Bottom Packer Depth	<u>4502</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u> </u>	44 <u>285'</u>	<u> </u>
Total Depth	<u>4576</u>	Drill Collar — 2.25 Ft. Run	<u>#</u>	<u> </u>	<u> </u>
Mud Wt.	<u>9.3</u> LCM <u>2#</u> Vis. <u>53</u> WL <u>9.5</u>	Drill Pipe Size	<u>4 1/2" XH</u>	30 Ft. Run	<u>4252'</u>
Blow Description	<u>Packer failed tried to reset - no help TOH w/Tool</u>				

Recovery — Total Feet	<u>400'</u>	Ft. in DC	<u> </u>	Ft. in WP	<u>285'</u>	Ft. in DP	<u>115'</u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u>400'</u>	Feet Of	<u>Drilg. Mud</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>

BHT 112° °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud	<u>2323</u>	PSI	Recorder No.	<u>13309</u>	T-Started	<u>0030</u>
(B) First Initial Flow Pressure	<u> </u>	PSI	@ (depth)	<u>4536</u>	T-Open	<u>0230</u>
(C) First Final Flow Pressure	<u> </u>	PSI	Recorder No.	<u>13339</u>	T-Pulled	<u>0240</u>
(D) Initial Shut-in Pressure	<u> </u>	PSI	@ (depth)	<u>4571</u>	T-Out	<u>0430</u>
(E) Second Initial Flow Pressure	<u> </u>	PSI	Recorder No.	<u> </u>	<u> </u>	<u> </u>
(F) Second Final Flow Pressure	<u> </u>	PSI	@ (depth)	<u> </u>	<u> </u>	<u> </u>
(G) Final Shut-in Pressure	<u> </u>	PSI	Initial Opening	<u> </u>	Test	<u>400</u>
(H) Final Hydrostatic Mud	<u>2293</u>	PSI	Initial Shut-in	<u> </u>	Jars	<u> </u>

Final Flow Safety Joint

Final Shut-in Straddle

 Circ. Sub X N/C

 Sampler

Extra Packer

Elect. Rec.

Other

TOTAL PRICE \$ 400

Approved By 

Our Representative Rod Steinbrink

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.

TRILOBITE TESTING L.L.C.

OPERATOR : A.L. Abercrombie DATE 06/10/96
 WELL NAME: Moody #3 KB 3159.00 ft TICKET NO: 9257 DST #2
 LOCATION : 35-20S-35W Wichita Cty KS GR 3154.00 ft FORMATION: Marmaton
 INTERVAL : 4466.00 To 4576.00 ft TD 4576.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF	0	Rec.	AK-1	AK-1	AK-1		PF Fr. to hr
SI	0	Range (Psi)	4000.0	4000.0	4700.0	0.0 0.0	IS Fr. to hr
SF	0	Clock (hrs)	12	12	12		SF Fr. to hr
FS	0	Depth (ft)	4571.0	4571.0	4536.0	0.0 0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2323.0	2320.0	0.0	0.0	0.0	T STARTED 0500 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0723 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0725 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0735 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0930 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2313.0	2308.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 40000.00 lbs

RECOVERY

Tot Fluid 120.00 ft of 0.00 ft in DC and 0.00 ft in DP
 120.00 ft of Drilling mud

Initial Str Wt 70000.00 lbs
 Unseated Str Wt 70000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 4283.00 ft
 H.W. I.D 2.70 in
 H.W. Length 285.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

*Packer failed, tried to reset, no help
 Out of hole with tool

MUD DATA-----
 Mud Type Chemical
 Weight 9.30 lb/c
 Vis. 53.00 S/L
 W.L. 9.50 in3
 F.C. 0.00 in
 Mud Drop

Amt. of fill 0.00 ft
 Btm. H. Temp. 113.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00

SAMPLES:
 SENT TO:

Reversed Out
 Tool Chased
 Tester Rod Steinbrink
 Co. Rep. Steve Davis
 Contr. Abercrombie
 Rig # 4
 Unit #
 Pump T.

Test Successful: N

CHART PAGE

DST#2
13339 X



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 9257

Well Name & No. Moody #3 Test No. 2 Date 6-10-96
Company A.L. Abercrombie, Inc. Zone Tested Marmaton
Address 150 N. Main Ste #801 Wichita, KS. 67202 Elevation 3159 KB 3154 GL
Co. Rep / Geo. Steve Davis Cont. Abercrombie #4 Est. Ft. of Pay Por. %
Location: Sec. 35 Twp. 20^S Rge. 35^W Co. Wichita State KS.
No. of Copies Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N)

Interval Tested 4466 - 4576 Initial Str Wt./Lbs. 70,000 Unseated Str Wt./Lbs. 70,000
Anchor Length 110' Wt. Set Lbs. 40,000 Wt. Pulled Loose/Lbs. 80,000
Top Packer Depth 4461 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth 4466 Wt. Pipe I.D. — 2.7 Ft. Run 285'
Total Depth 4576 Drill Collar — 2.25 Ft. Run
Mud Wt. 9.3 LCM 2[#] Vis. 53 WL 9.5 Drill Pipe Size 4 1/2" XH Ft. Run 4283'
Blow Description Packer failed tried to reset - no help TDH w/Tool

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
<u>120'</u>	<u> </u>	<u>120'</u>	<u> </u>				
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u>120'</u> Feet Of <u>Drlg. Mud</u>							
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							

BHT 113° °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud 2323 PSI Recorder No. 13276 T-Started 0500
(B) First Initial Flow Pressure PSI @ (depth) 4566 T-Open 0725
(C) First Final Flow Pressure PSI Recorder No. 13339 T-Pulled 0735
(D) Initial Shut-in Pressure PSI @ (depth) 4571 T-Out 0930
(E) Second Initial Flow Pressure PSI Recorder No.
(F) Second Final Flow Pressure PSI @ (depth)
(G) Final Shut-in Pressure PSI Initial Opening Test 400
(H) Final Hydrostatic Mud 2313 PSI Initial Shut-in Jars

Final Flow Safety Joint
Final Shut-in Straddle
Circ. Sub X N/C
Sampler

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Approved By J. Steinbrink

Our Representative Rod Steinbrink

Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 400