Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Mosier #1

Elevation 2626 Kelly Bush Formation Kansas City Effective Pay Ft. Ticket No. 21007

Date 10-24-74 Sec. 3 Twp. 9 S Range 27W County Sheridan State Kansas

Test Approved by Jack K. Wharton Western Representative Dennis Sporing

Formation Test No. 1 O.K. X Misrun Interval Tested From 3877' to 3915' Total Depth 3915'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Top Packer Depth 3872 Ft. Size 6 3/4" Bottom Packer Depth 3877 Ft. Size 6 3/4"

Straddle No Conv. B.T. Damaged Yes No Packer Depth Ft. Size

Tool Size 5½"OD Tool Joint Size 4½"FH Anchor Length 38 Ft. Size 5½"OD Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3908 Ft. Clock No. 6806 Depth 3911 Ft. Clock No. 9726

Top Make Kuster Cap. 4150 No. 2607 ~~Inside~~ ~~Outside~~ = Bottom Make Kuster Cap. 4150 No. 2608 = ~~Inside~~ Outside

Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside

Time Set Packer 12:57 P. M

Tool Open I.F.P. From 1:00 M. to 1:30P M. Hr. 30 Min. From (B) 52 P.S.I. To (C) 52 P.S.I.

Tool Closed I.C.I.P. From 1:30 M. to 2:00P M. Hr. 30 Min (D) 1300 P.S.I.

Tool Open F.F.P. From 2:00 M. to 2:30P M. Hr. 30 Min. From (E) 67 P.S.I. To (F) 67 P.S.I.

Tool Closed F.C.I.P. From 2:30 M. to 3:00P M. Hr. 30 Min. (G) 1279 P.S.I.

Initial Hydrostatic Pressure (A) 2094 P.S.I. Final Hydrostatic Pressure (H) 2079 P.S.I. Maximum Temp. 124°

INFORMATION

BLOW Weak - died 20 mins. after tool opened

Did Well Flow Yes X No Recovery Total Ft. 20 feet oil spoted mud

Reversed Out Yes X No Mud Type Starch Viscosity 39 Weight 10.0 Water Loss 11.6 cc. Chlorides

EXTRA EQUIPMENT: Type Circ. Sub Plug Safety Joint No Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Co. tools Length Drill Pipe? 3090 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ In.

Length Weight Pipe 767 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½ In. Length Drill Collars Ft. I.D. Drill Collars In.

Tool Joint Size In. Length D.S.T. Tool 58 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 10-24-74 Test Ticket No. 21007

Recorder No. 2607 Capacity 4150 Location 3908 Ft.

Clock No. 6806 Elevation Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2094 P.S.I.	Open Tool	1:00P. M	
B First Initial Flow Pressure	52 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	52 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1300 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	67 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	67 P.S.I.			
G Final Closed-in Pressure	1279 P.S.I.			
H Final Hydrostatic Mud	2079 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	52
P 2 5	52
P 3 10	52
P 4 15	52
P 5 20	52
P 6 25	52
P 7 30	52
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	52
3	440
6	812
9	1018
12	1153
15	1210
18	1236
21	1262
24	1275
27	1287
30	1300

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	67
5	67
10	67
15	67
20	67
25	67
30	67

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	67
3	224
6	587
9	910
12	1075
15	1160
18	1206
21	1233
24	1253
27	1267
30	1279

COMPANY E. E. Acquisitions Inc. LEASE AND WELL NO. Mosier #1 SEC. 3 TWP. 9S RGE. 27W TEST NO. 1 DATE 10-24-74



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2099	2094	PSI
(B)	First Initial Flow Pressure	52	52	PSI
(C)	First Final Flow Pressure	63	52	PSI
(D)	Initial Closed-in Pressure	1321	1300	PSI
(E)	Second Initial Flow Pressure	63	67	PSI
(F)	Second Final Flow Pressure	63	67	PSI
(G)	Final Closed-in Pressure	1300	1279	PSI
(H)	Final Hydrostatic Mud	2088	2079	PSI

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Mosier #1

Elevation 2626 Kelly Bush Formation Kansas City Effective Pay Ft. Ticket No. 21008

Date 10-25-74 Sec. 3 Twp. 9S Range 27W County Sheridan State Kansas

Test Approved by Jack K. Wharton Western Representative Dennis Sporing

Formation Test No. 2 O.K. X Misrun Interval Tested From 3934' to 3950' Total Depth 3950'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Top Packer Depth 3929 Ft. Size 6 3/4" Bottom Packer Depth 3934 Ft. Size 6 3/4"

Straddle No Conv. B.T. Damaged Yes No Packer Depth Ft. Size

Tool Size 5½"O.D Tool Joint Size 4½"FH Anchor Length 16 Ft. Size 5½"OD Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3943 Ft. Clock No. 6806 Depth 3946 Ft. Clock No. 9726

Top Make Kuster Cap. 4150 No. 2607 Inside ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside

Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside

Time Set Packer 3:27 P. M

Tool Open I.F.P. From 3:30 M. to 4:00P. M. Hr. 30 Min. From (B) 30 P.S.I. To (C) 30 P.S.I.

Tool Closed I.C.I.P. From 4:00 M. to 4:30P. M. Hr. 30 Min (D) 30 P.S.I.

Tool Open F.F.P. From 4:30 M. to 5:00P. M. Hr. 30 Min. From (E) 30 P.S.I. To (F) 30 P.S.I.

Tool Closed F.C.I.P. From 5:00 M. to 5:30P. M. Hr. 30 Min. (G) 30 P.S.I.

Initial Hydrostatic Pressure (A) 2123 P.S.I. Final Hydrostatic Pressure (H) 2080 P.S.I. Maximum Temp. 124°

INFORMATION

BLOW Weak died 10 min. after tool opened

Did Well Flow Yes X No Recovery Total Ft. 5 feet mud

Reversed Out Yes X No Mud Type Starch Viscosity 42 Weight 9.9 Water Loss 11.2 cc. Chlorides

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Co. tools Length Drill Pipe? 3147 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ In.

Length Weight Pipe 767 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½ In. Length Drill Collars Ft. I.D. Drill Collars In.

Tool Joint Size In. Length D.S.T. Tool 36 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 10-25-74 Test Ticket No. 21008

Recorder No. 2607 Capacity 4150 Location 3943 Ft.

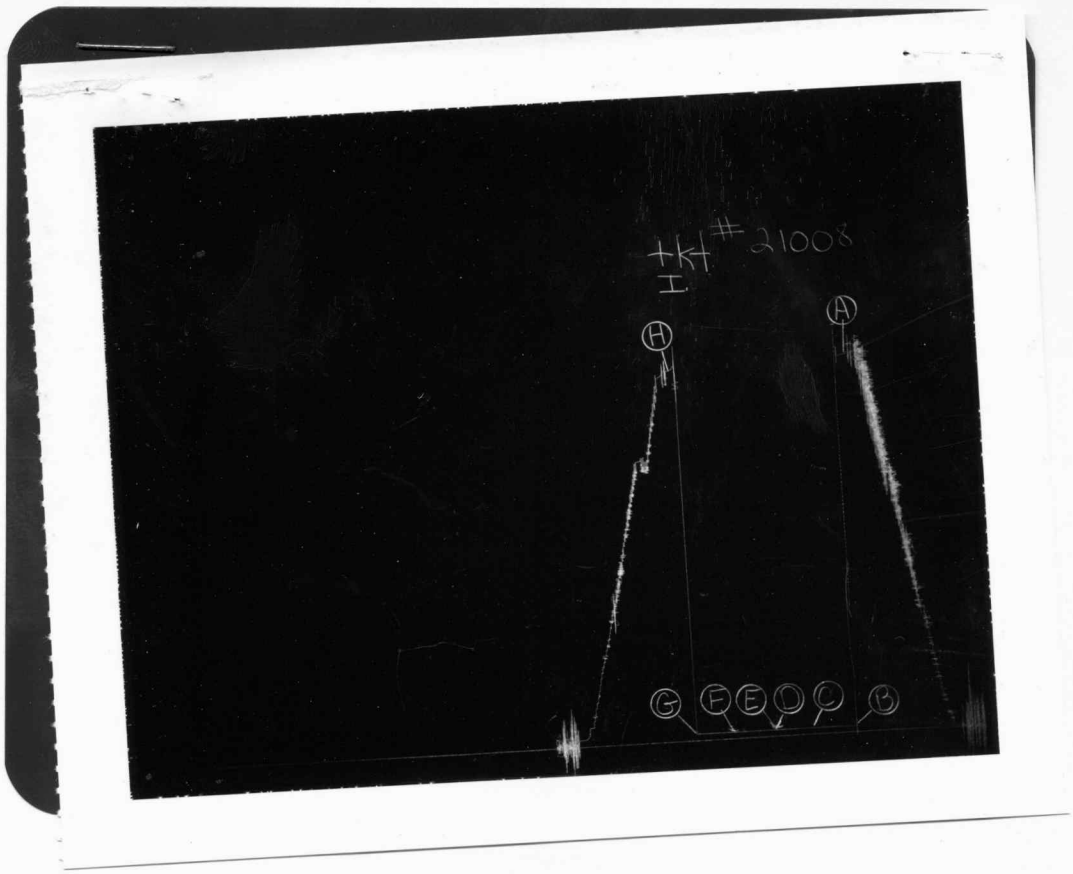
Clock No. 6806 Elevation 2626 Kelly Bushings Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2123 P.S.I.	Open Tool	3:30 P.M	
B First Initial Flow Pressure	30 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	30 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	30 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	30 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	30 P.S.I.			
G Final Closed-in Pressure	30 P.S.I.			
H Final Hydrostatic Mud	2080 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 10 Inc.		Breakdown: 6 Inc.		Breakdown: 10 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	30	0	30	0	30	0	30
P 2 5	30	3	30	5	30	3	30
P 3 10	30	6	30	10	30	6	30
P 4 15	30	9	30	15	30	9	30
P 5 20	30	12	30	20	30	12	30
P 6 25	30	15	30	25	30	15	30
P 7 30	30	18	30	30	30	18	30
P 8		21	30			21	30
P 9		24	30			24	30
P10		27	30			27	30
P11		30	30			30	30
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

COMPANY A. L. Abercrombie Inc. LEASE AND WELL NO. Mosier #1 SEC. 3 TWP. 9S RGE. 27W TEST NO. 2 DATE 10-25-74



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2120	2123	PSI
(B)	First Initial Flow Pressure	42	30	PSI
(C)	First Final Flow Pressure	42	30	PSI
(D)	Initial Closed-in Pressure	42	30	PSI
(E)	Second Initial Flow Pressure	42	30	PSI
(F)	Second Final Flow Pressure	42	30	PSI
(G)	Final Closed-in Pressure	42	30	PSI
(H)	Final Hydrostatic Mud	2109	2080	PSI