



P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 24599
Formation Cleveland Elevation 1348 K.B. Eff. Pay Wichita, Ks. Ft.

District Augusta Date 2/4/77 Customer Order No. _____

COMPANY NAME Dunne Equities Inc.

ADDRESS Wichita, Ks.

LEASE AND WELL NO. Eastman 1-0 COUNTY Cowley STATE Ks. Sec. 6 Twp. 315 Rge. 6E

Mail Inv. To Same Co. Name _____ Address _____ No. Copies Requested 1

Mail Charts To Same Address _____ No. Copies Requested 5

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 2470' to 2520' Total Depth 2520'

Size Main Hole 2 7/8 Rat Hole _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Conv. B.T. _____ Damaged _____ Yes No

Top Packer Depth _____ Ft. Size _____ Bottom Packer Depth 2470 Ft. Size 6 3/4

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

Tool Size 5 1/2 00 Tool Joint Size 4 1/2 FN Anchor Length 50 Ft. Size 5 1/2 00 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2487 Ft. Clock No. 10167 Depth 2490 Ft. Clock No. 6895

Top Make Kuster Cap. 3150 No. 1565 Inside Outside Bottom Make Kuster Cap. 3150 No. 1562 Inside Outside

Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Depth _____ Ft. Rec. No. _____ Clock No. _____

Time Set Packer 10:28 P.M.

Tool Open I.F.P. From 10:30 P.M. to 11:00 P.M. Hr. 30 Min. From (B) 31 P.S.I. To (C) 31 P.S.I.

Tool Closed I.C.I.P. From 11:00 P.M. to 11:30 P.M. Hr. 30 Min. (D) 31 P.S.I.

Tool Open F.F.P. From 11:30 P.M. to 12:00 A.M. Hr. 30 Min. From (E) 31 P.S.I. To (F) 31 P.S.I.

Tool Closed F.C.I.P. From 12:00 A.M. to 12:30 A.M. Hr. 30 Min. (G) 31 P.S.I.

Initial Hydrostatic Pressure (A) 1249 P.S.I. Final Hydrostatic Pressure (H) 1233 P.S.I. Maximum Temp. 102

INFORMATION

BLOW Very weak, died in 25 minutes

Did Well Flow Yes No Recovery Total Ft. 5' pulling mud.

Remarks _____

Reversed Out Yes No Mud Type Chem Viscosity 43 Weight 9.5 Water Loss 14.0 cc. Chlorides 1700 ppm

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

Dual Packers NO Did Packers Hold? Yes Did Tool Plug? NO Where? _____

DRILLING CONTRACTOR White & Kilgore (45) Length Drill Pipe 1780 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 IF In.

Length Weight Pipe 540 ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 IF In. Length Drill Collars 200 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/4 99 In. Length D.S.T. Tool 34 ft.

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

INVOICE SECTION

Open Hole Test	\$ 380.00
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 380.00

Test Approved By [Signature] Western Representative Bill Bahn

Signature of Customer or his Authorized Representative [Signature] Operator's Time _____ Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 2-4-77 Test Ticket No. 24599
 Recorder No. 10107 Capacity 3150 Location 2487 Ft.
 Clock No. 1565 Elevation 1348 Kelly Bushing Well Temperature 102 °F

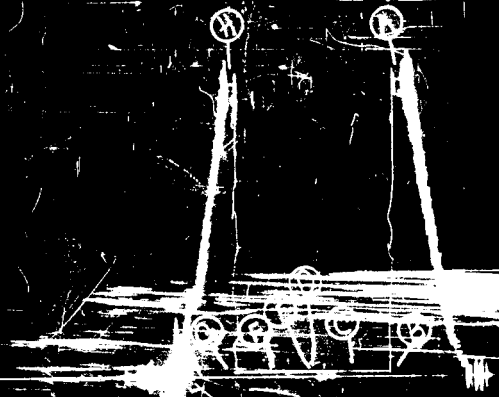
Point	Pressure	Open Tool	Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1243</u> P.S.I.		<u>10:28 P</u> M	
B. First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C. First Final Flow Pressure	<u>21</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D. Initial Closed-in Pressure	<u>21</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E. Second Initial Flow Pressure	<u>21</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
F. Second Final Flow Pressure	<u>21</u> P.S.I.			
G. Final Closed-in Pressure	<u>21</u> P.S.I.			
H. Final Hydrostatic Mud	<u>1231</u> P.S.I.			

PRESSURE BREAKDOWN

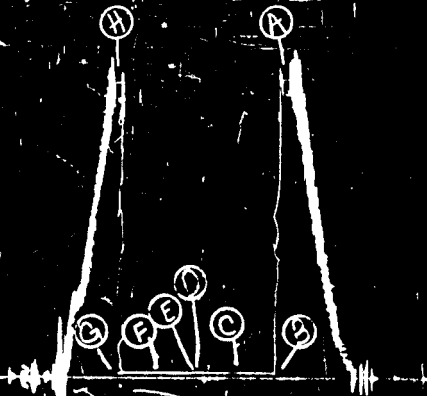
First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>21</u>	0	<u>21</u>	0	<u>21</u>	0	<u>21</u>
P 2 5	<u>21</u>	3	<u>21</u>	5	<u>21</u>	3	<u>21</u>
P 3 10	<u>21</u>	6	<u>21</u>	10	<u>21</u>	6	<u>21</u>
P 4 15	<u>21</u>	9	<u>21</u>	15	<u>21</u>	9	<u>21</u>
P 5 20	<u>21</u>	12	<u>21</u>	20	<u>21</u>	12	<u>21</u>
P 6 25	<u>21</u>	15	<u>21</u>	25	<u>21</u>	15	<u>21</u>
P 7 30	<u>21</u>	18	<u>21</u>	30	<u>21</u>	18	<u>21</u>
P 8 <u>35</u>		21	<u>21</u>	<u>35</u>		21	<u>21</u>
P 9 40		24	<u>21</u>	40		24	<u>21</u>
P10 45		27	<u>21</u>	45		27	<u>21</u>
P11 50		30	<u>21</u>	50		30	
P12 55		33		55		33	
P13 60		36		60		36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

TK# 24599



TK# 24500



TKT# 24500





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Dunne Equities, Inc. Lease & Well No. Eastman #1 - D
 Elevation 1348 Kelly Bush. Formation Cleveland Effective Pay - Ft. Ticket No. 24599
 Date 2-4-77 Sec. 6 Twp. 31S Range 6E County Cowley State Kansas
 Test Approved by D. Seeber Western Representative Bill Baker
 Formation Test No. 1 O.K. Misrun Interval Tested From 2470' to 2520' Total Depth 2520'
 Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth Ft. Size Bottom Packer Depth 2470 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 50 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 2487 Ft. Clock No. 10167 Depth 2490 Ft. Clock No. 6895
 Top Make Kuster Cap. 3150 No. 1565 Inside Cap Bottom Make Kuster Cap. 3150 No. 1562 Outside Cap
 Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside

Time Set Packer 10:28P. M
 Tool Open I.F.P. From 10:30P. M. to 11:00P. M. - Hr. 30 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.
 Tool Closed I.C.I.P. From 11:00P. M. to 11:30P. M. - Hr. 30 Min (D) 21 P.S.I.
 Tool Open F.F.P. From 11:30P. M. to 12:00A. M. - Hr. 30 Min. From (E) 21 P.S.I. To (F) 21 P.S.I.
 Tool Closed F.C.I.P. From 12:00A. M. to 12:30A. M. - Hr. 30 Min. (G) 21 P.S.I.
 Initial Hydrostatic Pressure (A) 1243 P.S.I. Final Hydrostatic Pressure (H) 1231 P.S.I. Maximum Temp. 102

INFORMATION

BLOW Very weak blow, died in 25 minutes.

Did Well Flow Yes No Recovery Total Ft. 5' of drilling mud.

Reversed Out Yes No Mud Type Chem Viscosity 43 Weight 9.5 Water Loss 14.0 cc. Chlorides 1700 PPM

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

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

DRILLING CONTRACTOR White & Ellis Drlg. (#5) Length Drill Pipe? 1780 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 IF In.

Length Weight Pipe 540 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 IF In. Length Drill Collars 200 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4" H-90 Length D.S.T. Tool 34 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 2-4-77 Test Ticket No. 24599
 Order No. 10167 Capacity 3150 Location 2487 Ft.
 Check No. 1565 Elevation 1348 Kelly Bushing Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>1243</u> P.S.I.	Open Tool	<u>10:28P.</u> M	
First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
First Final Flow Pressure	<u>21</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Initial Closed-in Pressure	<u>21</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Second Initial Flow Pressure	<u>21</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
Second Final Flow Pressure	<u>21</u> P.S.I.			
Final Closed-in Pressure	<u>21</u> P.S.I.			
Final Hydrostatic Mud	<u>1231</u> P.S.I.			

PRESSURE BREAKDOWN

Point ins.	First Flow Pressure	Initial Shut-In		Second Flow Pressure		Final Shut-In		
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1	<u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>
2	<u>5</u>	<u>21</u>	<u>3</u>	<u>21</u>	<u>5</u>	<u>21</u>	<u>3</u>	<u>21</u>
3	<u>10</u>	<u>21</u>	<u>6</u>	<u>21</u>	<u>10</u>	<u>21</u>	<u>6</u>	<u>21</u>
4	<u>15</u>	<u>21</u>	<u>9</u>	<u>21</u>	<u>15</u>	<u>21</u>	<u>9</u>	<u>21</u>
5	<u>20</u>	<u>21</u>	<u>12</u>	<u>21</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>21</u>
6	<u>25</u>	<u>21</u>	<u>15</u>	<u>21</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>21</u>
7	<u>30</u>	<u>21</u>	<u>18</u>	<u>21</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>21</u>
8			<u>21</u>	<u>21</u>			<u>21</u>	<u>21</u>
9			<u>24</u>	<u>21</u>			<u>24</u>	<u>21</u>
0			<u>27</u>	<u>21</u>			<u>27</u>	<u>21</u>
1			<u>30</u>	<u>21</u>				
2								
3								
4								
5								
6								
7								
8								
9								
0								