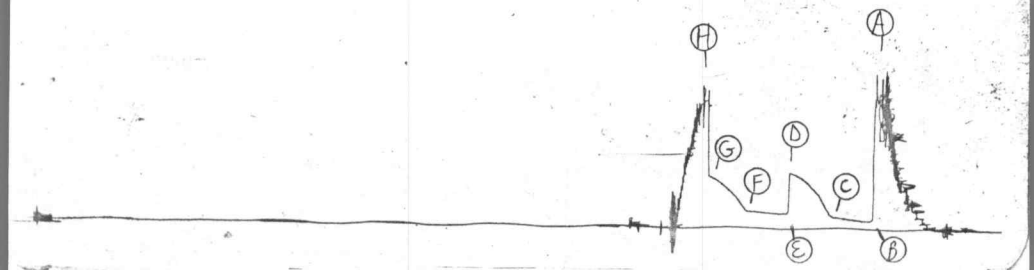
TKT # 13829

I



Company Dunne Equities, Inc. Lease & Well No. #1 "D" Haskins

Elevation 1220 Kelly Bushing Formation Oread Ls. Effective Pay - Ft. Ticket No. 13829

Date 1/2/83 Sec. 17 Twp. 28S Range 4E County Butler State Kansas

Test Approved by Bill Johnson Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 1370 ft. to 1395 ft. Total Depth 1395 ft.

Packer Depth 1390 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.

Packer Depth 1395 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 1385 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 1389 ft. Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Rig #7 Drill Collar Length 278 I. D. 2¼ in.

Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.1 Water Loss - cc. Drill Pipe Length 1093 I. D. 3.8 in.

Chlorides - P.P.M. Test Tool Length 20 ft. Tool Size 5 in.

Jars: Make - Serial Number - Anchor Length 25 ft. Size 5 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Fair - 34 minutes.

Recovered 50 ft. of drilling mud

Recovered 100 ft. of muddy water Chlorides 33,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:30 A.M. P.M. Time Started Off Bottom 7:30 A.M. P.M. Maximum Temperature 78

Initial Hydrostatic Pressure			(A)	678	P.S.I.	
Initial Flow Period	Minutes	30	(B)	47 P.S.I.	to (C)	69 P.S.I.
Initial Closed In Period	Minutes	30	(D)	294	P.S.I.	
Final Flow Period	Minutes	30	(E)	85 P.S.I.	to (F)	99 P.S.I.
Final Closed In Period	Minutes	30	(G)	276	P.S.I.	
Final Hydrostatic Pressure			(H)	663	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 1/2/83 Test Ticket No. 13829

Recorder No. 5666 Capacity 3950 Location 1385 Ft.

Clock No. --- Elevation 1220 Kelly Bushing Well Temperature 78 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	678 P.S.I.	Open Tool	5:30P M	
B First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	69 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	294 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	85 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	99 P.S.I.			
G Final Closed-in Pressure	276 P.S.I.			
H Final Hydrostatic Mud	663 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	47
P 2 5	47
P 3 10	52
P 4 15	57
P 5 20	62
P 6 25	66
P 7 30	69
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	69
3	103
6	142
9	169
12	196
15	217
18	243
21	260
24	275
27	286
30	294

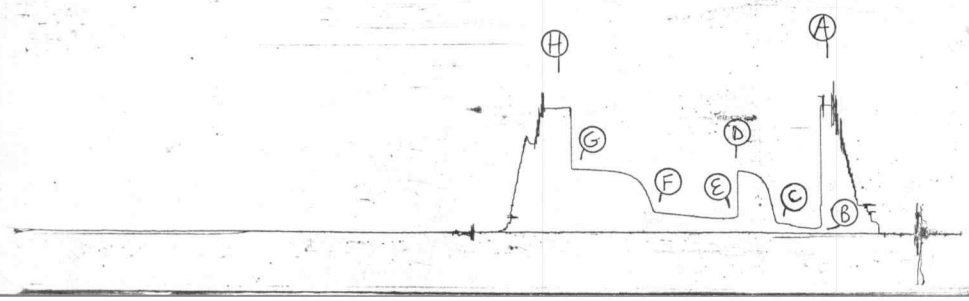
Second Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	85
5	85
10	87
15	90
20	93
25	96
30	99

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

Point Minutes	Press.
0	99
3	118
6	150
9	172
12	196
15	213
18	232
21	245
24	262
27	272
30	276

TKT # 13830



Company Dunne Equities, Inc. Lease & Well No. #1 "D" Haskins

Elevation 1220 Kelly Bushing Formation Douglas Sand Effective Pay - Ft. Ticket No. 13830

Date 1/3/83 Sec. 17 Twp. 28S Range 4E County Butler State Kansas

Test Approved by Bill Johnson Western Representative Allen Edgington

Formation Test No. 2 Interval Tested from 1431 ft. to 1461 ft. Total Depth 1461 ft.

Packer Depth 1426 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 1431 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 1441 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 1445 ft. Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Rig #7 Drill Collar Length 278 I. D. 2¼ in.

Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.1 Water Loss - cc. Drill Pipe Length 1156 I. D. 3.8 in.

Chlorides 1200 P.P.M. Test Tool Length 20 ft. Tool Size 5 in.

Jars: Make - Serial Number - Anchor Length 30 ft. Size 5 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Fair throughout test.

Recovered 200 ft. of watery mud Chlorides 12,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:45 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 6:45 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 80

Initial Hydrostatic Pressure			(A)	696	P.S.I.	
Initial Flow Period	Minutes	30	(B)	29	P.S.I. to (C)	58 P.S.I.
Initial Closed In Period	Minutes	30	(D)	337	P.S.I.	
Final Flow Period	Minutes	60	(E)	82	P.S.I. to (F)	112 P.S.I.
Final Closed In Period	Minutes	60	(G)	343	P.S.I.	
Final Hydrostatic Pressure			(H)	673	P.S.I.	

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 1/3/83 Test Ticket No. 13830

Recorder No. 3354 Capacity 4200 Location 1445 Ft.

Clock No. --- Elevation 1220 Kelly Bushing Well Temperature 80 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	696 P.S.I.	Open Tool	3:45A M	
B First Initial Flow Pressure	29 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	58 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	337 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	82 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	112 P.S.I.			
G Final Closed-in Pressure	343 P.S.I.			
H Final Hydrostatic Mud	673 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	29
P 2 5	29
P 3 10	34
P 4 15	35
P 5 20	43
P 6 25	54
P 7 30	58
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	58
3	67
6	152
9	236
12	276
15	303
18	319
21	327
24	331
27	334
30	337

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

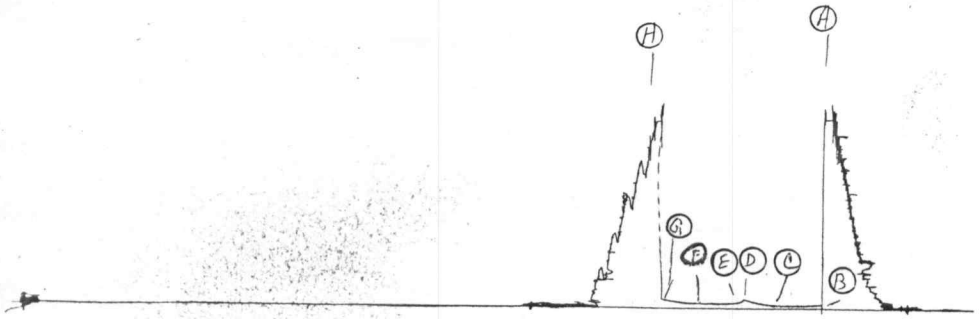
Point Minutes	Press.
0	82
5	82
10	82
15	82
20	85
25	88
30	92
35	96
40	100
45	103
50	106
55	109
60	112

Final Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	112
3	146
6	198
9	247
12	274
15	293
18	308
21	315
24	322
27	327
30	331
33	333
36	335
39	337
42	338
45	339
48	340
51	341
54	342
57	343
60	343

IRT 13831

I



Company Dunne-Equities, Inc. Lease & Well No. #1 "D" Haskins

Elevation 1220 Kelly Bushing Formation Kansas City Effective Pay -- Ft. Ticket No. 13831

Date 1/4/83 Sec. 17 Twp. 28S Range 4E County Butler State Kansas

Test Approved by B. J. Johnson Western Representative Allen Edgington

Formation Test No. 3 Interval Tested from 1975 ft. to 1991 ft. Total Depth 1991 ft.

Packer Depth 1975 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.

Packer Depth - ft. Size - in. Packer Depth -- ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 1982 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 1986 ft. Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White &Ellis Drlg. Rig #7 Drill Collar Length 278 I. D. 2 1/4 in.

Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 12.0 cc. Drill Pipe Length 1690 I. D. 3.8 in.

Chlorides 1,200 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 16 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Very weak blow for one minute

Recovered 1 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:45 A.M. P.M. Time Started Off Bottom 9:45 A.M. P.M. Maximum Temperature 86°

Initial Hydrostatic Pressure		(A) 973	P.S.I.	
Initial Flow Period	Minutes 30	(B) 16	P.S.I. to (C) 16	P.S.I.
Initial Closed In Period	Minutes 27	(D) 48	P.S.I.	
Final Flow Period	Minutes 30	(E) 24	P.S.I. to (F) 24	P.S.I.
Final Closed In Period	Minutes 30	(G) 48	P.S.I.	
Final Hydrostatic Pressure		(H) 963	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 1/4/83

Test Ticket No. 13831

Recorder No. 5666 Capacity 3950 Location 1982 Ft.

Clock No. --- Elevation 1220 Kelly Bushing Well Temperature 86 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	973 P.S.I.	Open Tool	7:45P M	
B First Initial Flow Pressure	16 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	16 P.S.I.	Initial Closed-in Pressure	30 Mins.	27 Mins.
D Initial Closed-in Pressure	48 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	24 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	24 P.S.I.			
G Final Closed-in Pressure	48 P.S.I.			
H Final Hydrostatic Mud	963 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	16
P 2	5	16
P 3	10	16
P 4	15	16
P 5	20	16
P 6	25	16
P 7	30	16
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In

Breakdown: 9 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	16
3	16
6	18
9	20
12	22
15	27
18	33
21	38
24	44
27	48

Second Flow Pressure

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

Point Minutes	Press.
0	24
5	24
10	24
15	24
20	24
25	24
30	24

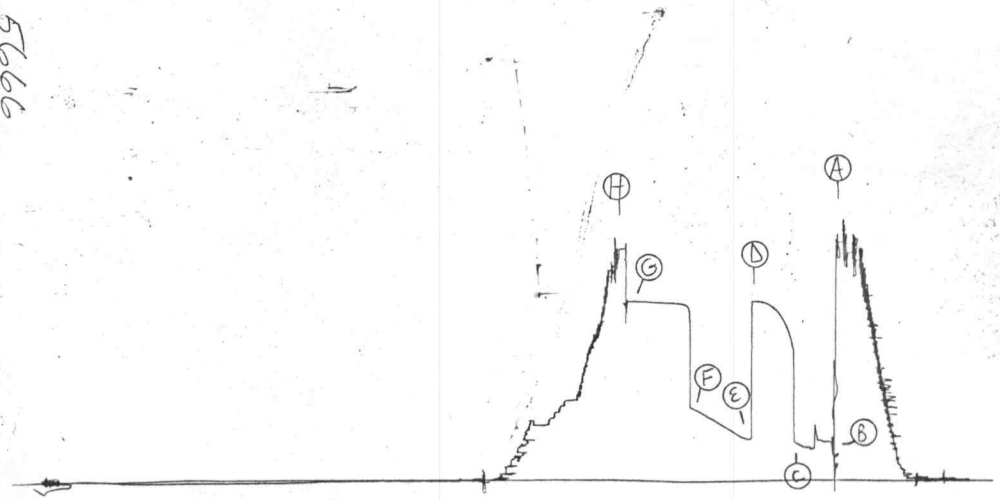
Final Shut-In

Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	24
3	26
6	27
9	28
12	31
15	33
18	36
21	38
24	42
27	46
30	48

TKT # 13832

I



Company Dunne Equities, Inc. Lease & Well No. #1 "D" Haskins

Elevation 1220 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 13832

Date 1/6/83 Sec. 17 Twp. 28S Range 4E County Butler State Kansas

Test Approved by B. J. Johnson Western Representative Allen Edgington

Formation Test No. 4 Interval Tested from 2429 ft. to 2436 ft. Total Depth 2436 ft.

Packer Depth 2429 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) AP 2420 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 2433 ft. Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth -- ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drlg. Rig #7 Drill Collar Length 150 I. D. 2¼ in.

Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 2273 I. D. 3.8 in.

Chlorides 1,700 P.P.M. Test Tool Length 20 ft. Tool Size 5½ in.

Jars: Make = Serial Number - Anchor Length 7 ft. Size 5½ in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Strong throughout test.

Recovered 180 ft. of Oil 33 spec. gravity

Recovered 120 ft. of 50% oil cut mdudy water

Recovered 480 ft. of water Chlorides 49,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:15 ~~A.M.~~ P.M. Time Started Off Bottom 3:45 ~~A.M.~~ P.M. Maximum Temperature 105°

Initial Hydrostatic Pressure		(A) 1233	P.S.I.
Initial Flow Period	Minutes 30	(B) 171 P.S.I. to (C)	199 P.S.I.
Initial Closed In Period	Minutes 30	(D) 927	P.S.I.
Final Flow Period	Minutes 45	(E) 216 P.S.I. to (F)	382 P.S.I.
Final Closed In Period	Minutes 48	(G) 927	P.S.I.
Final Hydrostatic Pressure		(H) 1198	P.S.I.

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 1/6/83 Test Ticket No. 13832

Recorder No. 5666 Capacity 3950 Location 2420 Ft.

Clock No. --- Elevation 1220 Kelly Bushing Well Temperature 105 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1233	P.S.I.
B	First Initial Flow Pressure	171	P.S.I.
C	First Final Flow Pressure	199	P.S.I.
D	Initial Closed-in Pressure	927	P.S.I.
E	Second Initial Flow Pressure	216	P.S.I.
F	Second Final Flow Pressure	382	P.S.I.
G	Final Closed-in Pressure	927	P.S.I.
H	Final Hydrostatic Mud	1198	P.S.I.

	Time Given	Time Computed
Open Tool	1:15P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	45 Mins.	45 Mins.
Final Closed-in Pressure	45 Mins.	48 Mins.

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	171
P 2	5	171
P 3	10	171
P 4	15	171
P 5	20	179
P 6	25	189
P 7	30	199
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	199
3	747
6	804
9	841
12	873
15	895
18	908
21	918
24	925
27	926
30	927

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

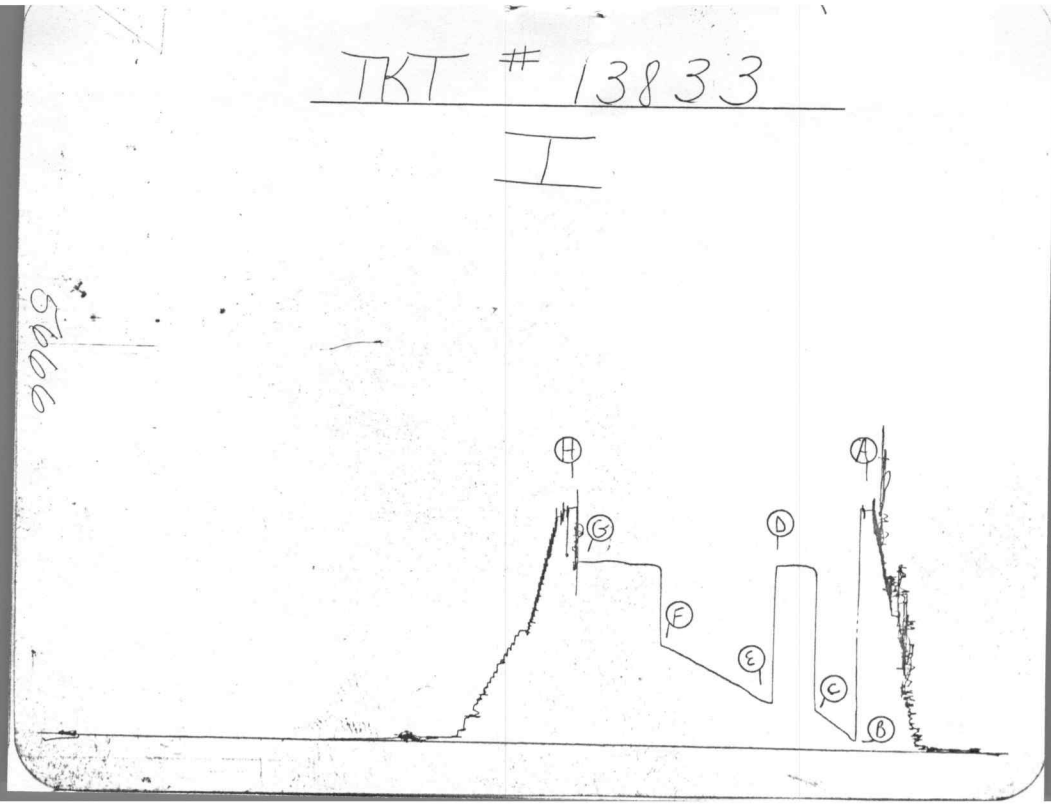
Point Minutes	Press.
0	216
5	223
10	239
15	264
20	285
25	305
30	326
35	347
40	367
45	382

Final Shut-In
Breakdown: 16 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	382
3	900
6	911
9	915
12	916
15	917
18	918
21	919
24	920
27	921
30	922
33	923
36	924
39	925
42	926
45	927
48	927

TKT # 13833

I



Company Dunne Equities, Inc. Lease & Well No. #1 "D" Haskins

Elevation 1220 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 13833

Date 1/6/83 Sec. 17 Twp. 28S Range 4E County Butler State Kansas

Test Approved by B. J. Johnson Western Representative Allen Edgington

Formation Test No. 5 Interval Tested from 2443 ft. to 2451 ft. Total Depth 2451 ft.

Packer Depth 2438 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2443 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2445 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 2448 ft. Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth -- ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drlg. Rig #7 Drill Collar Length 150 I. D. 2¼ in.

Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 2282 I. D. 3.8 in.

Chlorides 1,700 P.P.M. Test Tool Length 20 ft. Tool Size 5½ in.

Jars: Make = Serial Number - Anchor Length 8 ft. Size 5½ in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Fairly strong throughout test.

Recovered 1 ft. of oil

Recovered 1180 ft. of water Chlorides 49,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Trouble with starting motor at end of final flow.

Time Set Packer(s) 11:30 ~~A.M.~~ P.M. Time Started Off Bottom 2:50 ~~A.M.~~ P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure ..... (A) 1237 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 51 P.S.I. to (C) 210 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 948 P.S.I.

Final Flow Period ..... Minutes 85 (E) 242 P.S.I. to (F) 527 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 948 * P.S.I.

Final Hydrostatic Pressure ..... (H) 1219 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 1/6/83

Recorder No. 5666 Capacity 3950 Test Ticket No. 13833

Clock No. -- Elevation 1220 Kelly Bushing Location 2445 Ft

Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1237 P.S.I.	Open Tool	11:30P M	
B First Initial Flow Pressure	51 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	210 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	948 P.S.I.	Second Flow Pressure	80 Mins.	85 Mins.
E Second Initial Flow Pressure	242 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	527 P.S.I.			
G Final Closed-in Pressure	948 * P.S.I.			
H Final Hydrostatic Mud	1219 P.S.I.			

* PRESSURES QUESTIONABLE DUE TO TROUBLE WITH STARTING MOTOR.

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	51
P 2	5	77
P 3	10	105
P 4	15	132
P 5	20	158
P 6	25	186
P 7	30	210
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	210
3	926
6	940
9	948
12	948
15	948
18	948
21	948
24	948
27	948
30	948

Second Flow Pressure
Breakdown: 17 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	242
5	247
10	262
15	282
20	308
25	332
30	345
35	365
40	384
45	401
50	419
55	436
60	455
65	472
70	493
75	508
80	523
85	527

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	527
3	935
6	940
9	940
12	940
15	940
18	940
21	940
24	944 *
27	948 *
30	952 *
33	953 *
36	954 *
39	955 *
42	954 *
45	959 *
48	956 *
51	956 *
54	957 *
57	958 *
60	958 *