Company Mega Petroleum Corporation — Lease & Well No. M. Whitehead #1

Elevation ---- — Formation Marmaton — Effective Pay - Ft. — Ticket No. 15133

Date 1/ 2/82 — Sec. 25 Twp. 28S Range 14W — County Pratt — State Kansas

Test Approved by Douglas H. McGinness II — Western Representative Jeff Piotrowski

Formation Test No. 1 — Interval Tested from 4334 ft. to 4368 ft. — Total Depth 4368 ft.

Packer Depth 4329 ft. Size 6 3/4 in. — Packer Depth - ft. Size - in.

Packer Depth 4334 ft. Size 6 3/4 in. — Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4337 ft. — Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4340 ft. — Recorder Number 1565 Cap. 4900

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

Drilling Contractor Slawson Drlg. Rig #5 — Drill Collar Length 330 I. D. 2.2 in.

Mud Type starch Viscosity 38 — Weight Pipe Length 120 I. D. 3.2 in.

Weight 9.9 Water Loss 16.0 cc. — Drill Pipe Length 3855 I. D. 3.8 in.

Chlorides 42,000 P.P.M. — Test Tool Length 29 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 405 — Anchor Length 34 ft. Size 5½OD 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 4½FH in.

Blow: Strong. Gas to surface two minutes into final flow period. Too small to measure.

Recovered 80 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 1:35 A.M. ~~P.M.~~ — Time Started Off Bottom 5:05 A.M. ~~P.M.~~ — Maximum Temperature 119°

Initial Hydrostatic Pressure (A) 2366 P.S.I.

Initial Flow Period Minutes 30 (B) 50 P.S.I. to (C) 55 P.S.I.

Initial Closed In Period Minutes 30 (D) 1325 P.S.I.

Final Flow Period Minutes 60 (E) 40 P.S.I. to (F) 43 P.S.I.

Final Closed In Period Minutes 93 (G) 1501 P.S.I.

Final Hydrostatic Pressure (H) 2323 P.S.I.

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WESTERN TESTING CO., INC.

Pressure Data

Date 1/2/82 Test Ticket No. 15133

Recorder No. 5673 Capacity 5400 Location 4337 Ft.

Clock No. --- Elevation ----- Well Temperature 119 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2366	P.S.I.
B	First Initial Flow Pressure	50	P.S.I.
C	First Final Flow Pressure	55	P.S.I.
D	Initial Closed-in Pressure	1325	P.S.I.
E	Second Initial Flow Pressure	40	P.S.I.
F	Second Final Flow Pressure	43	P.S.I.
G	Final Closed-in Pressure	1501	P.S.I.
H	Final Hydrostatic Mud	2323	P.S.I.

	Time Given	Time Computed
Open Tool	1:35A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	90 Mins.	93 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	50
P 2	5	50
P 3	10	51
P 4	15	52
P 5	20	53
P 6	25	54
P 7	30	55
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	55
	3	281
	6	462
	9	631
	12	798
	15	923
	18	1037
	21	1127
	24	1214
	27	1276
	30	1325

Second Flow Pressure

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

Point	Minutes	Press.
	0	40
	5	40
	10	40
	15	40
	20	40
	25	40
	30	40
	35	41
	40	42
	45	43
	50	43
	55	43
	60	43

Final Shut-In

Breakdown: 31 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	43
	3	273
	6	432
	9	578
	12	719
	15	834
	18	948
	21	1036
	24	1114
	27	1184
	30	1246
	33	1290
	36	1332
	39	1362
	42	1390
	45	1408
	48	1425
	51	1436
	54	1449
	57	1458
	60	1468

CONTINUED

WESTERN TESTING CO., INC.

Pressure Data

Date 1/2/82 Test Ticket No. 15133

Recorder No. 5673 Capacity 5400 Location 4337 Ft.

Clock No. --- Elevation ----- Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2366 P.S.I.	Open Tool	1:35A M	
B First Initial Flow Pressure	50 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	55 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1325 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	40 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	43 P.S.I.			
G Final Closed-in Pressure	1501 P.S.I.			
H Final Hydrostatic Mud	2323 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	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
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.

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

Point Minutes	Press.

Final Shut-In
Breakdown: 31 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
63	1473
66	1479
69	1482
72	1487
75	1490
78	1493
81	1495
84	1497
87	1499
90	1501
93	1501

5623
DST #1

TKT #15133

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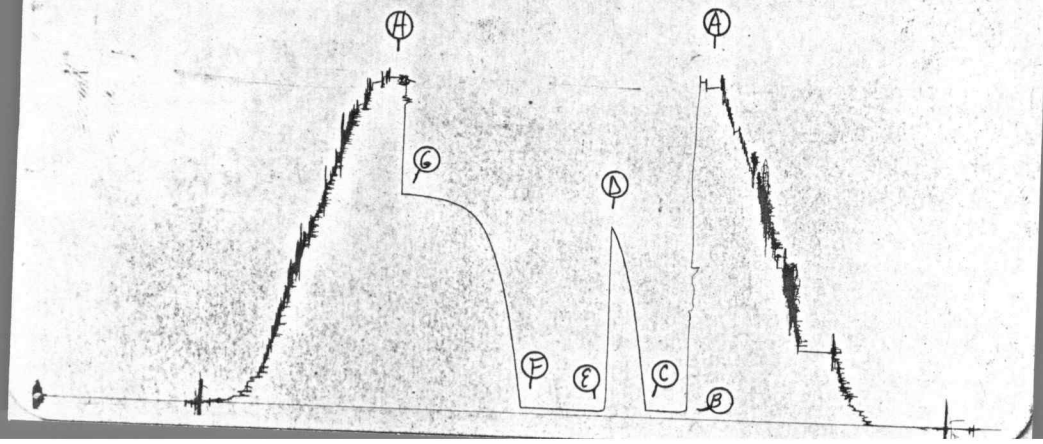

Company Mega Petroleum Corporation | Lease & Well No. M. Whitehead #1

Elevation ---- | Formation Mississippi | Effective Pay - Ft. | Ticket No. 15134

Date 1/ 3 /82 | Sec. 25 | Twp. 28S | Range 14W | County Pratt | State Kansas

Test Approved by Douglas H. McGinness II | Western Representative Jeff Piotrowski

Formation Test No. 2 | Interval Tested from 4413 ft. to 4425 ft. | Total Depth 4425 ft.

Packer Depth 4408 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Packer Depth 4413 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4416 ft. | Recorder Number 5673 | Cap. 5400

Bottom Recorder Depth (Outside) 4419 ft. | Recorder Number 1565 | Cap. 4900

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

Drilling Contractor Slawson Drlg. Rig #5 | Drill Collar Length 330 | I. D. 2.2 in.

Mud Type starch | Viscosity 38 | Weight Pipe Length 120 | I. D. 3.2 in.

Weight 9.9 | Water Loss 12.9 cc. | Drill Pipe Length 3934 | I. D. 3.8 in.

Chlorides 39,000 P.P.M. | Test Tool Length 29 ft. | Tool Size 5½OD in.

Jars: Make WTC | Serial Number 405 | Anchor Length 12 ft. | Size 5½OD 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 4½FH in.

Blow: Strong blow throughout test.

Recovered 60 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:45 ~~A.M.~~ P.M. | Time Started Off Bottom 1:15 A.M. ~~P.M.~~ | Maximum Temperature 120°

Initial Hydrostatic Pressure			(A)	2432	P.S.I.	
Initial Flow Period	Minutes 30	(B)	41	P.S.I. to (C)	41	P.S.I.
Initial Closed In Period	Minutes 33	(D)	89	P.S.I.		
Final Flow Period	Minutes 60	(E)	52	P.S.I. to (F)	56	P.S.I.
Final Closed In Period	Minutes 93	(G)	456	P.S.I.		
Final Hydrostatic Pressure		(H)	2380	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 1/3/82 Test Ticket No. 15134

Recorder No. 5673 Capacity 5400 Location 4416 Ft.

Clock No. -- Elevation --- Well Temperature 120 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2432 P.S.I.		Open Tool	9:45P M	
B	First Initial Flow Pressure	41 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	41 P.S.I.		Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	89 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	52 P.S.I.		Final Closed-in Pressure	90 Mins.	93 Mins.
F	Second Final Flow Pressure	56 P.S.I.				
G	Final Closed-in Pressure	456 P.S.I.				
H	Final Hydrostatic Mud	2380 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	41
P 2 5	41
P 3 10	41
P 4 15	41
P 5 20	41
P 6 25	41
P 7 30	41
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In

Breakdown: 11 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	41
3	43
6	46
9	49
12	56
15	63
18	68
21	74
24	78
27	82
30	86
33	89

Second Flow Pressure

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

Point Minutes	Press.
0	52
5	52
10	52
15	52
20	52
25	53
30	53
35	54
40	54
45	55
50	55
55	56
60	56

Final Shut-In

Breakdown: 31 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	56
3	63
6	76
9	89
12	106
15	122
18	138
21	153
24	169
27	185
30	199
33	215
36	229
39	242
42	259
45	270
48	283
51	298
54	308
57	321
60	335

CONTINUED NEXT PAGE

WESTERN TESTING CO., INC.
Pressure Data

Date 1/3/82 Test Ticket No. 15134

Recorder No. 5673 Capacity 5400 Location 4416 Ft.

Clock No. -- Elevation --- Well Temperature 120 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2432 P.S.I.		Open Tool	9:45P M	
B	First Initial Flow Pressure	41 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	41 P.S.I.		Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	89 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	52 P.S.I.		Final Closed-in Pressure	90 Mins.	93 Mins.
F	Second Final Flow Pressure	56 P.S.I.				
G	Final Closed-in Pressure	456 P.S.I.				
H	Final Hydrostatic Mud	2380 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	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

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

Point Minutes	Press.

Final Shut-In
Breakdown: 31 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	347
66	358
69	371
72	383
75	396
78	407
81	417
84	426
87	438
90	452
93	456

WTC - 4

5673
DST #2

IKT #15134

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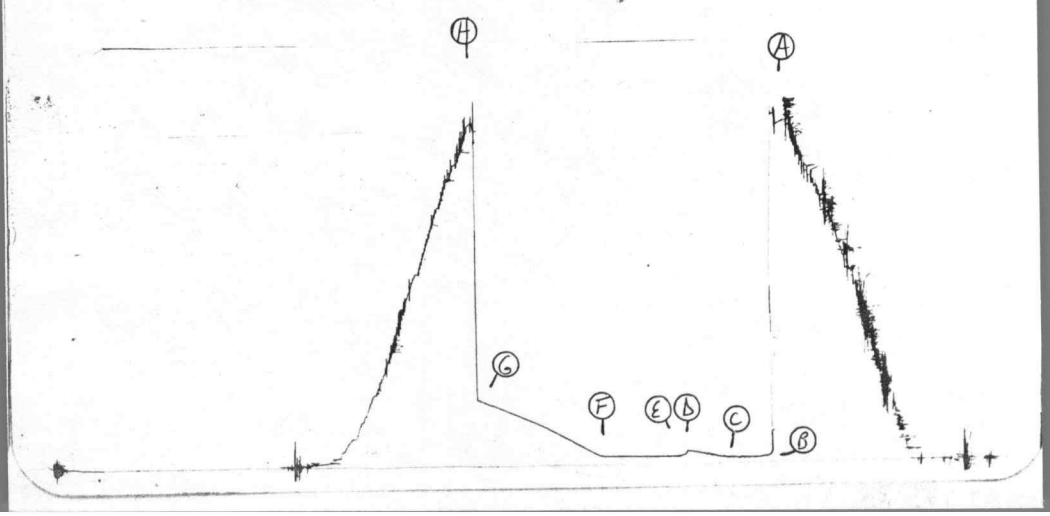


Company Mega Petroleum Corporation — Lease & Well No. M. Whitehead #1

Elevation 1979 Ground Level — Formation Simpson — Effective Pay - Ft. — Ticket No. 14049

Date 1/5/82 — Sec. 25 — Twp. 28S — Range 14W — County Pratt — State Kansas

Test Approved by Douglas H. McGinness II — Western Representative Gregory Saffa

Formation Test No. 3 — Interval Tested from 4538 ft. to 4560 ft. — Total Depth 4560 ft.

Packer Depth 4533 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 4538 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4549 ft. — Recorder Number 3474 — Cap. 3000

Bottom Recorder Depth (Outside) 4550 ft. — Recorder Number 1324 — Cap. 4500

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

Drilling Contractor Slawson Drilling Rig #5 — Drill Collar Length 441 — I. D. 2.2 in.

Mud Type starch — Viscosity 43 — Weight Pipe Length 157 — I. D. 2.7 in.

Weight 9.9 — Water Loss 11.2 cc. — Drill Pipe Length 3890 — I. D. 3.8 in.

Chlorides 36,000 P.P.M. — Test Tool Length 28 ft. — Tool Size 5½ in.

Jars: Make WTC — Serial Number 482 — Anchor Length 22 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 4½FH in.

Blow: Fair blow thoroughout test.

Recovered 480 ft. of salt water Chlorides 90,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:20 A.M. ~~P.M.~~ — Time Started Off Bottom 7:20 A.M. ~~P.M.~~ — Maximum Temperature 101°

Initial Hydrostatic Pressure			(A) 2500	P.S.I.		
Initial Flow Period	Minutes 30	(B) 80	P.S.I. to	(C) 244	P.S.I.	
Initial Closed In Period	Minutes 30	(D) 708	P.S.I.			
Final Flow Period	Minutes 55	(E) 285	P.S.I. to	(F) 366	P.S.I.	
Final Closed In Period	Minutes 60	(G) 711	P.S.I.			
Final Hydrostatic Pressure			(H) 2377	P.S.I.		

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 1/5/82 Test Ticket No. 14049

Recorder No. 3474 Capacity 3000 Location 4549 Ft.

Clock No. -- Elevation 1979 Ground Level Well Temperature 101 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2500 P.S.I.	Open Tool	4:20A M	
B	First Initial Flow Pressure	80 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	244 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	708 P.S.I.	Second Flow Pressure	60 Mins.	55 Mins.
E	Second Initial Flow Pressure	285 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	366 P.S.I.			
G	Final Closed-in Pressure	711 P.S.I.			
H	Final Hydrostatic Mud	2377 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	80
P 2 5	95
P 3 10	138
P 4 15	172
P 5 20	203
P 6 25	227
P 7 30	244
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.

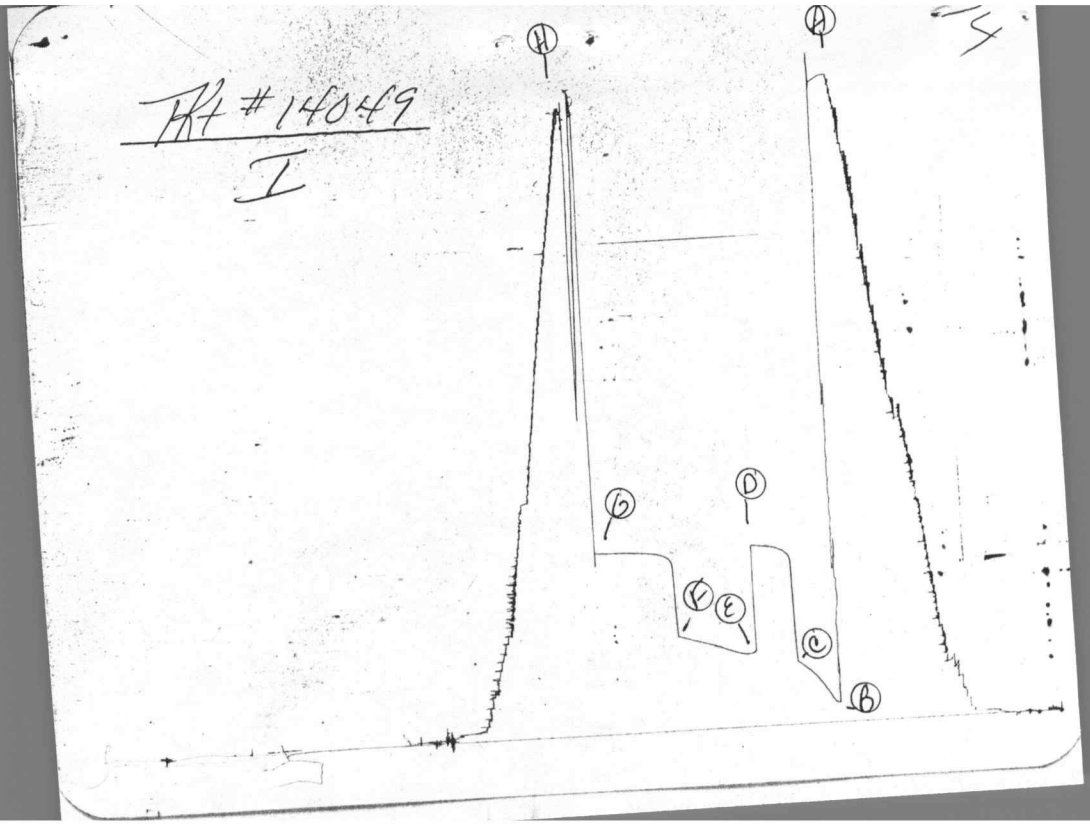
Point Minutes	Press.
0	244
3	667
6	681
9	688
12	695
15	699
18	703
21	705
24	706
27	707
30	708

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	285
5	288
10	295
15	305
20	317
25	325
30	335
35	343
40	349
45	358
50	362
55	366

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

Point Minutes	Press.
0	366
3	668
6	682
9	689
12	695
15	697
18	699
21	701
24	703
27	704
30	705
33	706
36	707
39	707
42	708
45	708
48	709
51	709
54	710
57	711
60	711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