Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Klaver #3

Elevation 1567 Kelly Bushing Formation Lansing Effective Pay - Ft. Ticket No. 1664

Date 5-20-79 Sec. 9 Twp. 29S Range 6W County Kingman State KS

Test Approved by Innes Phillips Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 3280 ft. to 3302 ft. Total Depth 3302 ft.

Packer Depth 3275 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3280 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3284 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 3287 ft. Recorder Number 2606 Cap. 4150

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

Drilling Contractor Eagle Drilling Co. Drill Collar Length - I. D. - in.

Mud Type Premix Viscosity 36 Weight Pipe Length 635 I. D. 2½ in.

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

Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 22 ft. Size 5½OD in.

Did Well Flow? No Reversed Out Yes 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 in three minutes-gas to surface approximately 25 minutes

See Gas Sheet

Recovered 2257 ft. of Free oil in pipe

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:43 A.M. ~~P.M.~~ Time Started Off Bottom 8:28 A.M. ~~P.M.~~ Maximum Temperature

Initial Hydrostatic Pressure			(A)	1567	P.S.I.	
Initial Flow Period	Minutes 15		(B)	87	P.S.I. to (C)	128 P.S.I.
Initial Closed In Period	Minutes 45		(D)	1150	P.S.I.	
Final Flow Period	Minutes 45		(E)	297	P.S.I. to (F)	472 P.S.I.
Final Closed In Period	Minutes 60		(G)	1125	P.S.I.	
Final Hydrostatic Pressure			(H)	1538	P.S.I.	

Phone 316 262-5861
316 838-0601

WESTERN TESTERS

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 5-20-79 Ticket 1664 Company Robert E. Campbell Oil & Gas Operations

Well Name and No. Klaver #3 Dst No. 1 Interval Tested 3280' - 3302'

County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
5:43PM						Tool Opened
5:58PM						Shut-In - No gas to surface
Gas came to surface during shut-in period.						
SECOND FLOW						
6:43AM						Tool Opened
6:53AM	10 min.	15" of water	1/4"	orifice		6,500 C.F.P.D.
7:03AM	20 min.	18" of water	1/4"	orifice		7,120 C.F.P.D.
7:13AM	30 min.	18" of water	1/4"	orifice		7,120 C.F.P.D.
7:23AM	40 min.	18" of water	1/4"	orifice		7,120 C.F.P.D.
7:28AM	45 min.	18" of water	1/4"	orifice		7,120 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced -

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Robert E. Campbell Oil & Gas Operations

Authorized by Innes Phillips

FORM WTC 6

WESTERN TESTING CO., INC.

Pressure Data

Date 5-20-79 Test Ticket No. 1664

Recorder No. 2604 Capacity 4150 Location 3284 Ft.

Clock No. Elevation 1567 Kelly Bushing Well Temperature - °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1567 P.S.I.		Open Tool	5:43A M	
B	First Initial Flow Pressure	87 P.S.I.		First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	128 P.S.I.		Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1150 P.S.I.		Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	297 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	472 P.S.I.				
G	Final Closed-in Pressure	1125 P.S.I.				
H	Final Hydrostatic Mud	1538 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	87
P 2 5	92
P 3 10	102
P 4 15	128
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: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	128
3	805
6	979
9	1029
12	1059
15	1082
18	1094
21	1105
24	1115
27	1121
30	1127
33	1134
36	1136
39	1142
42	1146
45	1150

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

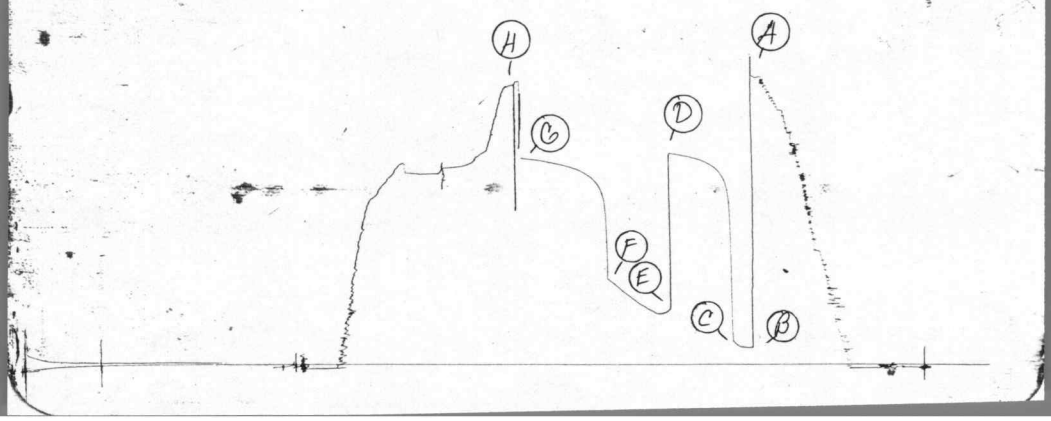
Point Minutes	Press.
0	297
5	282
10	284
15	301
20	327
25	352
30	384
35	413
40	441
45	472

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

Point Minutes	Press.
0	472
3	874
6	962
9	992
12	1019
15	1031
18	1044
21	1061
24	1067
27	1075
30	1082
33	1087
36	1092
39	1098
42	1103
45	1107
48	1111
51	1114
54	1118
57	1122
60	1125

2604 DST #1 KINDER-2

Tkt #1664



Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Klaver #3

Elevation 1567 Kelly Bush Formation Mississippi Effective Pay - Ft. Ticket No. 1611

Date 5-22-79 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas

Test Approved by Innes Phillips Western Representative Dave Sloan

Formation Test No. 2 Interval Tested from 4116 ft. to 4129 ft. Total Depth 4129 ft.

Packer Depth 4111 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 41116 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4122 ft. Recorder Number 6246 Cap. 5200

Bottom Recorder Depth (Outside) 4125 ft. Recorder Number 5673 Cap. 5400

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

Drilling Contractor Eagle Drlg. Co. (#1) Drill Collar Length - I. D. - in.

Mud Type Starch Viscosity 42 Weight Pipe Length 635 I. D. - in.

Weight 9.4 Water Loss 10.8 cc. Drill Pipe Length 3460 I. D. 3.8 in.

Chlorides 21,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 13 ft. Size 5½OD in.

Did Well Flow? No Reversed Out - 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. Gas to surface in 3 minutes. See attached sheet for gas measurements.

Recovered 40 ft. of oily water mud (45% mud, 15% water, 10% oil)

Recovered 60 ft. of oil cut muddy water (40% mud, 20% water, 15% oil)

Recovered 60 ft. of oil cut muddy water (12% mud, 40% water, 20% oil)

Recovered 60 ft. of muddy water slightly oil cut

Recovered 60 ft. of muddy water (Chlorides: 140,000PPM)

Remarks:

Time Set Packer(s) 2:12 ~~A.M.~~ P.M. Time Started Off Bottom 5:27 ~~A.M.~~ P.M. Maximum Temperature 128

Initial Hydrostatic Pressure			(A) 2104	P.S.I.		
Initial Flow Period	Minutes 15	(B) 97	P.S.I. to	(C) 105	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 1357	P.S.I.			
Final Flow Period	Minutes 90	(E) 97	P.S.I. to	(F) 118	P.S.I.	
Final Closed In Period	Minutes 60	(G) 1342	P.S.I.			
Final Hydrostatic Pressure			(H) 2101	P.S.I.		

Phone 316 262-5861
316 838-0601

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 5-22-79 Ticket 1611 Company Robert E. Campbell Oil & Gas Operations

Well Name and No. Klaver #3 Dst No. 2 Interval Tested 4116'-4129'

County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
	10 min.	8 lbs.	1" orifice			415,000 C.F.P.D.
	15 min.	8 lbs.	1" orifice			415,000 C.F.P.D.
SECOND FLOW						
	10 min.	9 lbs.	1" orifice			442,000 C.F.P.D.
	20 min.	7 lbs.	1" orifice			385,000 C.F.P.D.
	30 min.	5 lbs.	1" orifice			319,000 C.F.P.D.
	40 min.	5 lbs.	1" orifice			319,000 C.F.P.D.
	50 min.	18" of water	1 1/2" orifice			295,000 C.F.P.D.
	60 min.	16" of water	1 1/2" orifice			278,000 C.F.P.D.
	70 min.	16" of water	1 1/2" orifice			278,000 C.F.P.D.
	80 min.	15" of water	1 1/2" orifice			270,000 C.F.P.D.
	90 min.	14" of water	1 1/2" orifice			260,000 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced -

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Robert E. Campbell Oil & Gas Operations

Authorized by Innes Phillips

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 5-22-79 Test Ticket No. 1611

Recorder No. 6246 Capacity 5200 Location 4122 Ft.

Clock No. - Elevation 1567 Kelly Bushing Well Temperature 128 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2104 P.S.I.	Open Tool	2:12P. M	
B	First Initial Flow Pressure	97 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	105 P.S.I.	Initial Closed-in Pressure	60 Mins.	30 Mins.
D	Initial Closed-in Pressure	1357 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	97 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	118 P.S.I.			
G	Final Closed-in Pressure	1342 P.S.I.			
H	Final Hydrostatic Mud	2101 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	97
P 2 5	94
P 3 10	102
P 4 15	105
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.
0	105
3	1044
6	1212
9	1272
12	1303
15	1319
18	1334
21	1342
24	1347
27	1352
30	1357

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	97
5	97
10	92
15	89
20	89
25	89
30	89
35	89
40	89
45	89
50	92
55	94
60	97
65	102
70	105
75	105
80	110
85	118
90	118

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

Point Minutes	Press.
0	118
3	838
6	1073
9	1171
12	1212
15	1244
18	1264
21	1282
24	1293
27	1303
30	1308
33	1314
36	1320
39	1325
42	1329
45	1332
48	1334
51	1336
54	1338
57	1340
60	1342

6246 R. CAMPBELL DST #2

TKT # 1611

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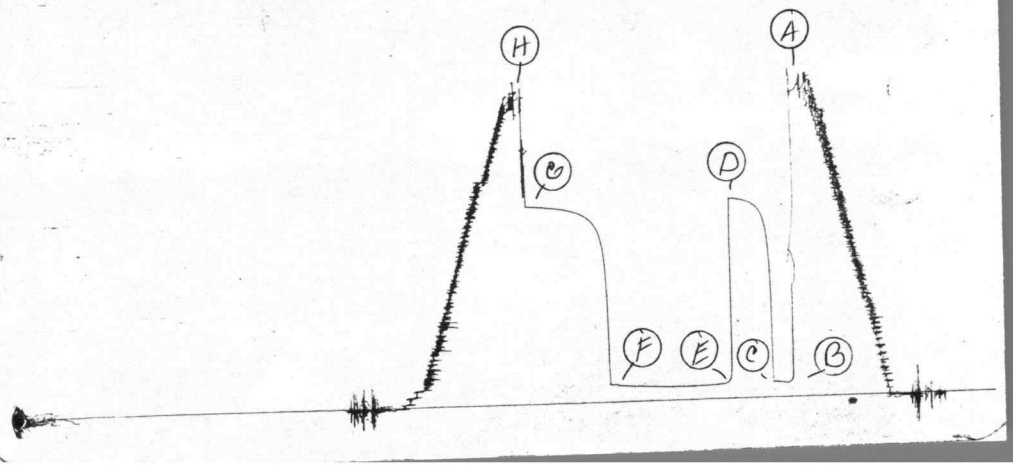

Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Klaver #3

Elevation 1567 Kelly Bushing Formation --- Effective Pay -- Ft. Ticket No. 1612

Date 5/24/79 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas

Test Approved by Innes Phillips Western Representative Dave Sloan

Formation Test No. 3 Interval Tested from 4430 ft. to 4477 ft. Total Depth 4477 ft.

Packer Depth 4425 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4430 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4464 ft. Recorder Number 6246 Cap. 5200

Bottom Recorder Depth (Outside) 4467 ft. Recorder Number 5673 Cap. 5400

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

Drilling Contractor Eagle Drilling Company Rig #1 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 34 Weight Pipe Length 635 I. D. 3 in.

Weight 9.6 Water Loss 20.2 cc. Drill Pipe Length 3775 I. D. 3.8 in.

Chlorides 29,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 3/4 in.

Jars: Make -- Serial Number -- Anchor Length 47 ft. Size 5 3/4 in.

Did Well Flow? No Reversed Out 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. Gas to surface end of first shut-in period. See attached sheet for gas measurements.

Recovered 66 ft. of gas cut mud spots oil

Recovered 366 ft. of heavy gas and oil cut mud 15% oil;22% mud

Recovered 122 ft. of gassy muddy oil 30% oil;22% mud

Recovered 61 ft. of gassy muddy oil 47% oil;13% mud

Recovered 615 ft. of TOTAL

Remarks:

Time Set Packer(s) 4:40 A.M. ~~P.M.~~ Time Started Off Bottom 7:25 A.M. ~~P.M.~~ Maximum Temperature 132

Initial Hydrostatic Pressure ..... (A) 2282 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 31 P.S.I. to (C) 145 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1430 P.S.I.

Final Flow Period ..... Minutes 45 (E) 180 P.S.I. to (F) 228 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1474 P.S.I.

Final Hydrostatic Pressure ..... (H) 2232 P.S.I.

Phone 316 262-5861
316 838-0601

WESTERN TESTERS

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 5/24/79 Ticket 1612 Company Robert E. Campbell Oil & Gas Operations

Well Name and No. Klaver #3 Dst No. 3 Interval Tested 4430'-4477'

County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
			PRE FLOW			
	GAS TO SURFACE ENDED AT FIRST SHUT-IN.					
			SECOND FLOW			
	10 min.	74" of water	1/4" orifice			14,400 CFPD
	20 min.	18" of water	1/2" orifice			26,600 CFPD
	30 min.	10" of water	1/2" orifice			19,900 CFPD
	40 min.	8" of water	1/2" orifice			17,200 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled -- Date to be Invoiced 5/24/79

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

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COMPANY'S NAME Robert E. Campbell

Authorized by Innes Phillips

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 5/24/79 Test Ticket No. 1612

Recorder No. 6246 Capacity 5200 Location 4464 Ft.

Clock No. -- Elevation 1567 Kelly Bushing Well Temperature 132 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2282 P.S.I.	Open Tool	4:40A M	
B	First Initial Flow Pressure	31 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	145 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	1430 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	180 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	228 P.S.I.			
G	Final Closed-in Pressure	1474 P.S.I.			
H	Final Hydrostatic Mud	2232 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	31
P 2	5	68
P 3	10	86
P 4	15	107
P 5	20	123
P 6	25	136
P 7	30	145
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	145
3	225
6	306
9	414
12	550
15	772
18	1028
21	1256
24	1358
27	1407
30	1430

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

Point Minutes	Press.
0	180
5	175
10	173
15	173
20	183
25	204
30	209
35	215
40	222
45	228

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

Point Minutes	Press.
0	228
3	317
6	516
9	1021
12	1306
15	1358
18	1386
21	1404
24	1420
27	1427
30	1435
33	1442
36	1449
39	1454
42	1458
45	1461
48	1464
51	1467
54	1469
57	1471
60	1474

6246 Robert Cambell DST #3

IKL #1612
I