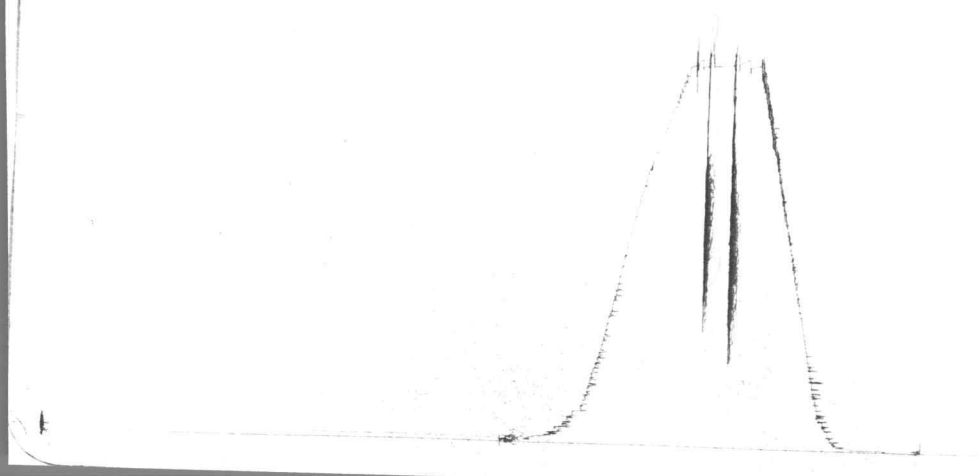


41

1566

Tk# 24899
I.





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

Company K & E Petroleum, Inc. Lease & Well No. Schlegel #1
Elevation 2218 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 24899
Date 10-4-77 Sec. 18 Twp. 19S Range 22W County Ness State Kansas
Test Approved by Lee Poulsen Western Representative Bob McCoy

Formation Test No. #1 O.K. - Misrun X Interval Tested From 4318' to 4348' Total Depth 4348'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Top Packer Depth 4313 Ft. Size 6 3/4 Bottom Packer Depth 4318 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 30 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4339 Ft. Clock No. 6774 Depth 4342 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 4500 No. 3086 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 10:37 P. M

Tool Open I.F.P. From - M. to - M. - Hr. - Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From - M. to - M. - Hr. - Min (D) - P.S.I.
Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) - P.S.I. Final Hydrostatic Pressure (H) - P.S.I. Maximum Temp. -

INFORMATION

BLOW Packer failure

Did Well Flow - Yes X No Recovery Total Ft. 320' drilling mud

Reversed Out - Yes X No Mud Type Driscap Viscosity 44 Weight 9.4 Water Loss 12.0 cc. Chlorides 18,600 PPM

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

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

DRILLING CONTRACTOR Abercrombie Rig #8 Length Drill Pipe? 3312 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 715 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 297 Ft. I.D. Drill Collars 2.25 In.

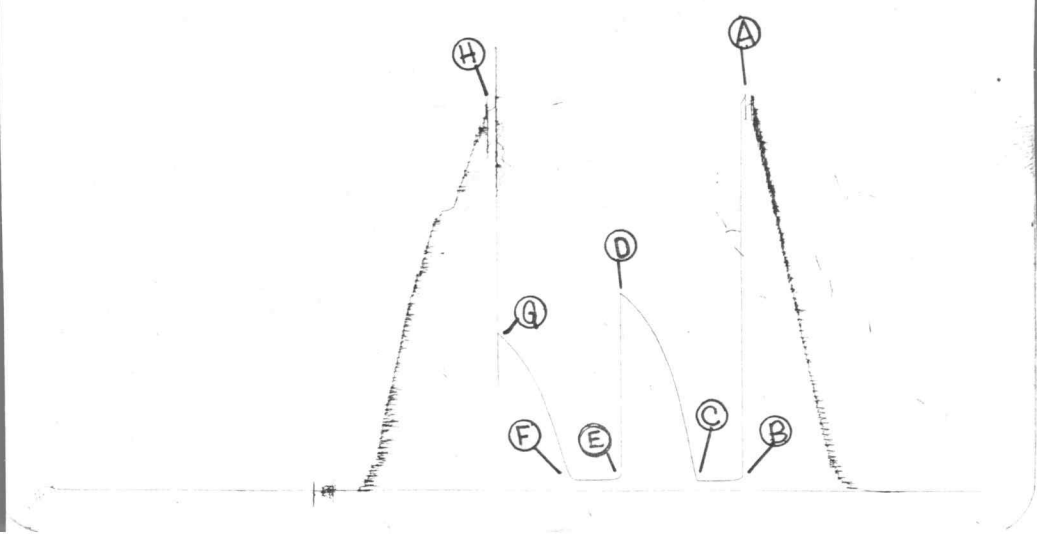
Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 49 Ft.

Remarks:

70

1566

Trt# 24900
I.





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

Company K & E Petroleum, Inc. Lease & Well No. Schlegel #1
Elevation 2218 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticker No. 24900
Date 10-5-77 Sec. 18 Twp. 19S Range 22W County Ness State Kansas
Test Approved by Lee Poulsen Western Representative Bob McCoy
Formation Test No. #2 O.K. ☒ Misrun ☐ Interval Tested From 4286' to 4348' Total Depth 4348'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No
Top Packer Depth 4281 Ft. Size 6 3/4 Bottom Packer Depth 4286 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 62 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4339 Ft. Clock No. 6774 Depth 4342 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 4500 No. 3086 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside Outside
Time Set Packer 3:12 A M
Tool Open I.F.P. From 3:15A M. to 3:45A M. ☐ Hr. 30 Min. From (B) 81 P.S.I. To (C) 56 P.S.I.
Tool Closed I.C.I.P. From 3:45A M. to 4:45A M. 1 Hr. ☐ Min (D) 1107 P.S.I.
Tool Open F.F.P. From 4:45A M. to 5:15A M. ☐ Hr. 30 Min. From (E) 90 P.S.I. To (F) 64 P.S.I.
Tool Closed F.C.I.P. From 5:15A M. to 6:15A M. 1 Hr. ☐ Min. (G) 889 P.S.I.
Initial Hydrostatic Pressure (A) 2164 P.S.I. Final Hydrostatic Pressure (H) 2145 P.S.I. Maximum Temp. 128

INFORMATION

BLOW Weak steady blow throughout first opening, dead after second opening

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 40' slightly oil cut mud

Reversed Out ☐ Yes ☒ No Mud Type Drispac Viscosity 44 Weight 9.4 Water Loss 12.0 cc. Chlorides 18600 PPM

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

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

DRILLING CONTRACTOR Abercrombie Rig #8 Length Drill Pipe 3312 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 715 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 297 Ft. I.D. Drill Collars 2.25 In.

Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 52 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 10-5-77

Test Ticket No. 24900

Recorder No. 1566 Capacity 4300

Location 4339 Ft.

Clock No. 6974 Elevation 2218 Kelly Bushing

Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2164	P.S.I.	3:12A	M
B First Initial Flow Pressure	81	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	56	P.S.I.	60 Mins.	57 Mins.
D Initial Closed-in Pressure	1107	P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	90	P.S.I.	60 Mins.	60 Mins.
F Second Final Flow Pressure	64	P.S.I.		
G Final Closed-in Pressure	889	P.S.I.		
H Final Hydrostatic Mud	2145	P.S.I.		

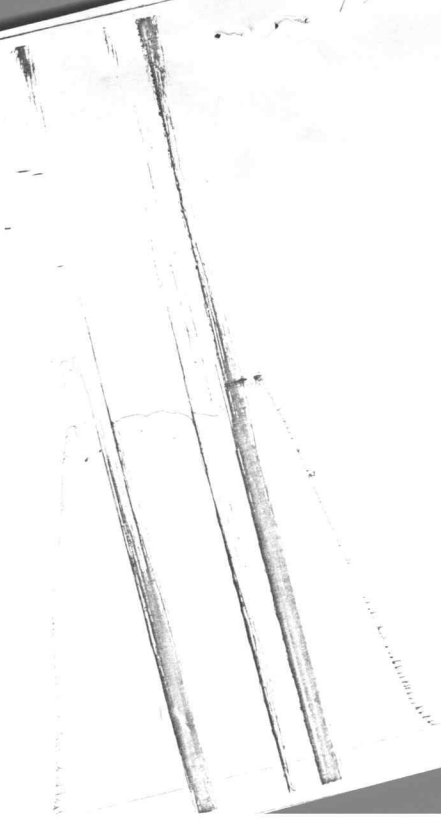
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	81	0	56	0	90	0	64
P 2 <u>5</u>	60	3	104	5	68	3	69
P 3 <u>10</u>	56	6	210	10	64	6	96
P 4 <u>15</u>	56	9	329	15	64	9	153
P 5 <u>20</u>	56	12	439	20	64	12	226
P 6 <u>25</u>	56	15	530	25	64	15	300
P 7 <u>30</u>	56	18	614	30	64	18	374
P 8		21	688			21	445
P 9		24	746			24	505
P10		27	802			27	559
P11		30	852			30	609
P12		33	895			33	652
P13		36	933			36	690
P14		39	966			39	725
P15		42	997			42	757
P16		45	1024			45	788
P17		48	1047			48	814
P18		51	1072			51	838
P19		54	1092			54	859
P20		57	1107			57	882
						60	889

1566

#3

TAT #24926
I





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

Company K & E Petroleum, Inc. Lease & Well No. Schlegel #1
Elevation 2218 Kelly Bushing Mississippi Effective Pay - Ft. Ticket No. 24926
Date 10-5-77 Sec. 18 Twp. 19S Range 22W County Ness State Kansas
Test Approved by Lee Poulsen Western Representative Bob McCoy
Formation Test No. #3 O.K. - Misrun X Interval Tested From 4349' to 4358' Total Depth 4358'
Size Main Hole 7 7/8 Rat Hole 6 3/4 Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Top Packer Depth 4344 Ft. Size 6 3/4 Bottom Packer Depth 4349 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 9 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4349 Ft. Clock No. 6774 Depth 4352 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 4500 No. 3086 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 6:42P M
Tool Open I.F.P. From 6:45P M. to 7:15P M. - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 7:15P M. to 8:15 M. - Hr. 60 Min (D) - P.S.I.
Tool Open F.F.P. From 8:15P M. to 8:25P M. - Hr. 10 Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) - P.S.I. Final Hydrostatic Pressure (H) - P.S.I. Maximum Temp. 118

INFORMATION

BLOW Good blow decreasing to weak blow dead in 23 minutes. Slid tool 20' before opening.

Did Well Flow Yes X No - Recovery Total Ft. 70' drilling mud

Reversed Out - Yes X No - Mud Type Driscac Viscosity 44 Weight 9.4 Water Loss 12.0 cc. Chlorides 18600 PPM

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

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

DRILLING CONTRACTOR Abercrombie Rig #8 Length Drill Pipe? 3312 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 715 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 297 Ft. I.D. Drill Collars 2.25 In.
Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 33 Ft.

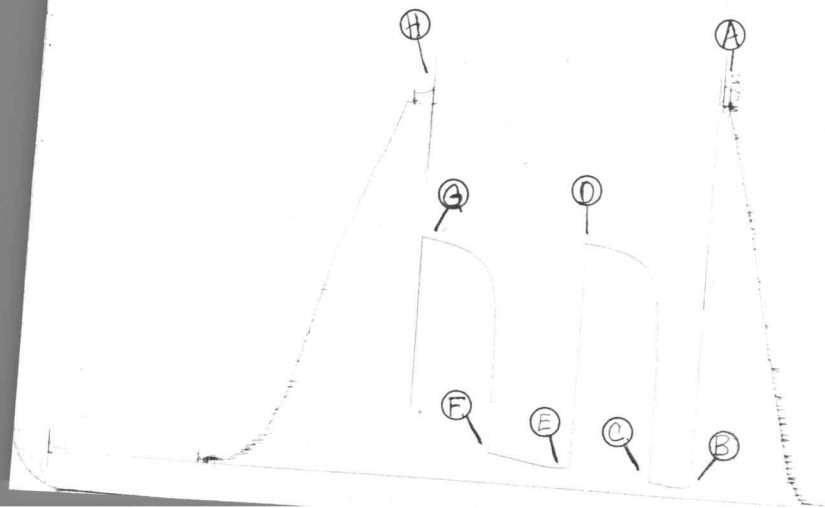
Remarks:

Lacked 35' from bottom of hole, tool plugged.

#4

1566

Tk#24927
I.





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

Company K & E Petroleum, Inc. Lease & Well No. Schlegel #1
Elevation 2318 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 24927
Date 10-6-77 Sec. 18 Twp. 19S Range 22W County Ness State Kansas
Test Approved by Lee Poulsen Western Representative Bob McCoy
Formation Test No. #4 O.K. ☒ Misrun ☐ Interval Tested From 4349' to 4361' Total Depth 4361'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4344 Ft. Size 6 3/4 Bottom Packer Depth 4349 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 12 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4355 Ft. Clock No. 6774 Depth 4358 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 Inside ☐ Outside ☐ Bottom Make Kuster Cap. 4500 No. 3086 Inside ☐ Outside ☐
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside ☐ Outside ☐
Time Set Packer 7:12 P. M
Tool Open I.F.P. From 7:15P M. to 7:45P M. - Hr. 30 Min. From (B) 79 P.S.I. To (C) 80 P.S.I.
Tool Closed I.C.I.P. From 7:45P M. to 8:45P M. - Hr. 60 Min (D) 1384 P.S.I.
Tool Open F.F.P. From 8:45P M. to 9:45P M. - Hr. 60 Min. From (E) 134 P.S.I. To (F) 173 P.S.I.
Tool Closed F.C.I.P. From 9:45P M. to 10:45P M. - Hr. 60 Min. (G) 1352 P.S.I.
Initial Hydrostatic Pressure (A) 2222 P.S.I. Final Hydrostatic Pressure (H) 2176 P.S.I. Maximum Temp. 127

INFORMATION

BLOW Weak steady and slowly incresaing blow throughout test
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 315' muddy water
Reversed Out ☐ Yes ☒ No Mud Type Drispa viscosity 42 Weight 9.4 Water Loss 12.4 cc. Chlorides 22000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size ☐ In. Make ☐ Ser. No. ☐
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? ☐
DRILLING CONTRACTOR Abercrombie Rig #8 Length Drill Pipe 3312 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.
Length Weight Pipe 715 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 297 Ft. I.D. Drill Collars 2.25 In.
Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 10-6-77 Test Ticket No. 24227
 Recorder No. 1566 Capacity 4300 Location 4355 Ft.
 Clock No. 6774 Elevation 2218 Kelly Bushing Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2222	P.S.I.	7:12 P. M.	
B First Initial Flow Pressure	79	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	80	P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1384	P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	134	P.S.I.	60 Mins.	60 Mins.
F Second Final Flow Pressure	173	P.S.I.		
G Final Closed-in Pressure	1352	P.S.I.		
H Final Hydrostatic Mud	2176	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>79</u>	<u>0</u>	<u>80</u>	<u>0</u>	<u>134</u>	<u>0</u>	<u>173</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>1019</u>	<u>5</u>	<u>119</u>	<u>3</u>	<u>976</u>
P 3 <u>10</u>	<u>63</u>	<u>6</u>	<u>1164</u>	<u>10</u>	<u>119</u>	<u>6</u>	<u>1116</u>
P 4 <u>15</u>	<u>63</u>	<u>9</u>	<u>1225</u>	<u>15</u>	<u>119</u>	<u>9</u>	<u>1174</u>
P 5 <u>20</u>	<u>69</u>	<u>12</u>	<u>1261</u>	<u>20</u>	<u>124</u>	<u>12</u>	<u>1209</u>
P 6 <u>25</u>	<u>74</u>	<u>15</u>	<u>1287</u>	<u>25</u>	<u>130</u>	<u>15</u>	<u>1237</u>
P 7 <u>30</u>	<u>80</u>	<u>18</u>	<u>1304</u>	<u>30</u>	<u>135</u>	<u>18</u>	<u>1257</u>
P 8		<u>21</u>	<u>1318</u>	<u>35</u>	<u>143</u>	<u>21</u>	<u>1273</u>
P 9		<u>24</u>	<u>1330</u>	<u>40</u>	<u>149</u>	<u>24</u>	<u>1284</u>
P10		<u>27</u>	<u>1340</u>	<u>45</u>	<u>156</u>	<u>27</u>	<u>1296</u>
P11		<u>30</u>	<u>1347</u>	<u>50</u>	<u>162</u>	<u>30</u>	<u>1304</u>
P12		<u>33</u>	<u>1354</u>	<u>55</u>	<u>168</u>	<u>33</u>	<u>1312</u>
P13		<u>36</u>	<u>1360</u>	<u>60</u>	<u>173</u>	<u>36</u>	<u>1319</u>
P14		<u>39</u>	<u>1365</u>			<u>39</u>	<u>1325</u>
P15		<u>42</u>	<u>1369</u>			<u>42</u>	<u>1331</u>
P16		<u>45</u>	<u>1373</u>			<u>45</u>	<u>1336</u>
P17		<u>48</u>	<u>1375</u>			<u>48</u>	<u>1339</u>
P18		<u>51</u>	<u>1378</u>			<u>51</u>	<u>1343</u>
P19		<u>54</u>	<u>1382</u>			<u>54</u>	<u>1347</u>
P20		<u>57</u>	<u>1384</u>			<u>57</u>	<u>1352</u>
		<u>60</u>	<u>1384</u>			<u>60</u>	<u>1352</u>