



INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Whiteside #1
Elevation 2413 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 21610
Date 9-4-76 Sec. 35 Twp. 23S Range 23W County Hodgeman State Kansas
Test Approved by G. Mueller Western Representative Lester Spies

Formation Test No. 1 O.K. Misrun Interval Tested From 4660' to 4695' Total Depth 4695'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4660 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
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 35 per Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 I

RECORDERS Depth 4665 Ft. Clock No. 6893 Depth 4668 Ft. Clock No. 10412
Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4150 No. 2605 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 9:07 M
Tool Open I.F.P. From 9:10 M. to 9:40 M. - Hr. 30 Min. From (B) 11 P.S.I. To (C) 11 P.S.
Tool Closed I.C.I.P. From 9:40 M. to 10:10 M. - Hr. 30 Min (D) 19 P.S.
Tool Open F.F.P. From 10:10 M. to 10:40 M. = Hr. 30 Min. From (E) 11 P.S.I. To (F) 11 P.S.
Tool Closed F.C.I.P. From 10:40 M. to 11:10 M. - Hr. 30 Min. (G) 12 P.S.
Initial Hydrostatic Pressure (A) 2572 P.S.I. Final Hydrostatic Pressure (H) 2548 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Very weak blow for 13 minutes on top of water on first opening, No blow on second opening.

Did Well Flow - Yes No Recovery Total Ft. 8' drilling mud.

Reversed Out - Yes No Mud Type starch Viscosity 49 Weight 9.7 Water Loss 11.0 cc. Chlorides 24,000 P.P.M.

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 Dunne-Gardner Length Drill Pipe? 3731 Ft. I.D. Drill Pipe 2.86 In. Tool Joint Size 4 1/2 FH I
Length Weight Pipe 915 Ft. I.D. Weight Pipe 2.56 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - I
Tool Joint Size - In. Length D.S.T. Tool 49 Ft.

Remarks: Tested dead zone.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-4-76 Test Ticket No. 21610
 Recorder No. 2605 Capacity 4150 Location 4668
 Clock No. 10412 Elevation 2413 Ground Level Well Temperature 124

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2572</u>	P.S.I.	Open Tool	<u>9:07</u>	<u>M</u>
B First Initial Flow Pressure	<u>11</u>	P.S.I.	First Flow Pressure	<u>30</u>	Mins. <u>30</u> Min
C First Final Flow Pressure	<u>11</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	Mins. <u>30</u> Min
D Initial Closed-in Pressure	<u>19</u>	P.S.I.	Second Flow Pressure	<u>30</u>	Mins. <u>30</u> Min
E Second Initial Flow Pressure	<u>11</u>	P.S.I.	Final Closed-in Pressure	<u>30</u>	Mins. <u>30</u> Min
F Second Final Flow Pressure	<u>11</u>	P.S.I.			
G Final Closed-in Pressure	<u>12</u>	P.S.I.			
H Final Hydrostatic Mud	<u>2548</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>11</u>	<u>0</u>	<u>11</u>	<u>0</u>	<u>11</u>	<u>0</u>	<u>11</u>
P 2 <u>5</u>	<u>11</u>	<u>3</u>	<u>11</u>	<u>5</u>	<u>11</u>	<u>3</u>	<u>11</u>
P 3 <u>10</u>	<u>11</u>	<u>6</u>	<u>11</u>	<u>10</u>	<u>11</u>	<u>6</u>	<u>11</u>
P 4 <u>15</u>	<u>11</u>	<u>9</u>	<u>11</u>	<u>15</u>	<u>11</u>	<u>9</u>	<u>11</u>
P 5 <u>20</u>	<u>11</u>	<u>12</u>	<u>11</u>	<u>20</u>	<u>11</u>	<u>12</u>	<u>11</u>
P 6 <u>25</u>	<u>11</u>	<u>15</u>	<u>13</u>	<u>25</u>	<u>11</u>	<u>15</u>	<u>11</u>
P 7 <u>30</u>	<u>11</u>	<u>18</u>	<u>15</u>	<u>30</u>	<u>11</u>	<u>18</u>	<u>11</u>
P 8		<u>21</u>	<u>17</u>			<u>21</u>	<u>12</u>
P 9		<u>24</u>	<u>18</u>			<u>24</u>	<u>12</u>
P10		<u>27</u>	<u>18</u>			<u>27</u>	<u>12</u>
P11		<u>30</u>	<u>19</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 21610

0

H

A

G

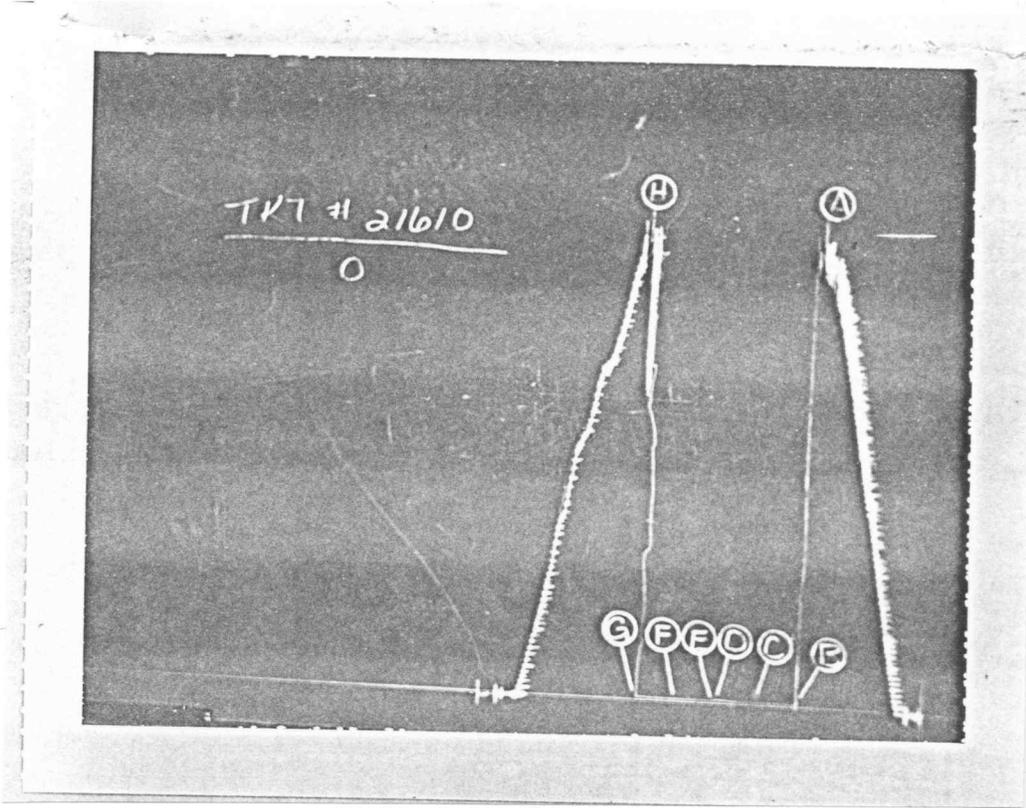
F

F

C

C

F





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

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Whiteside #1
Elevation 2413 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 21611
Date 9-5-76 Sec. 35 Twp. 23S Range 23W County Hodgeman State Kansas
Test Approved by George Mueller Western Representative Lester Spies

Formation Test No. 2 O.K. Misrun Interval Tested From 4695' to 4707' Total Depth 4707'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4695 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
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 ^{perf.} Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4700 Ft. Clock No. 6893 Depth 4703 Ft. Clock No. 10412
Top Make Kuster Cap. 4500 No. 3086 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 2605 ^{Inside} ~~Outside~~
Below Straddle: Depth - Rec. No. - Clock No. - ^{Inside} ~~Outside~~ Depth - Ft. Rec. No. - Clock No. - ^{Inside} ~~Outside~~

Time Set Packer 11:17 M
Tool Open I.F.P. From 11:20 M. to 11:50 M. - Hr. 30 Min. From (B) 8 P.S.I. To (C) 8 P.S.I.
Tool Closed I.C.I.P. From 11:50 M. to 12:35 M. - Hr. 45 Min (D) 104 P.S.I.
Tool Open F.F.P. From 12:35 M. to 1:20 M. - Hr. 45 Min. From (E) 32 P.S.I. To (F) 21 P.S.I.
Tool Closed F.C.I.P. From 1:20 M. to 2:20 M. 1 Hr. - Min. (G) 184 P.S.I.
Initial Hydrostatic Pressure (A) 2557 P.S.I. Final Hydrostatic Pressure (H) 2546 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Very weak blow throughout test.
Did Well Flow - Yes No Recovery Total Ft. 45' gassey oil cut mud with gassey free oil on top of tool

Reversed Out - Yes No Mud Type starch Viscosity 49 Weight 9.7 Water Loss 11.0 cc. Chlorides 24,000 P.P.M.
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 Dunne-Gardner Length Drill Pipe? 3766 Ft. I.D. Drill Pipe 2.86 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe 915 Ft. I.D. Weight Pipe 2,56 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.
Tool Joint Size - In. Length D.S.T. Tool 26 Ft.

Remarks: Damaged packer.

WESTERN TESTING CO., INC.
Pressure Data

Date 9-5-76 Test Ticket No. 21611
 Recorder No. 2605 Capacity 4150 Location 4703 Ft.
 Clock No. 10412 Elevation 2413 GroundLevel Well Temperature 124 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2557</u> P.S.I.	Open Tool	<u>11:17</u> M	
B First Initial Flow Pressure	<u>8</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>8</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>104</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>32</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>21</u> P.S.I.			
G Final Closed-in Pressure	<u>184</u> P.S.I.			
H Final Hydrostatic Mud	<u>2546</u> P.S.I.			

PRESSURE BREAKDOWN

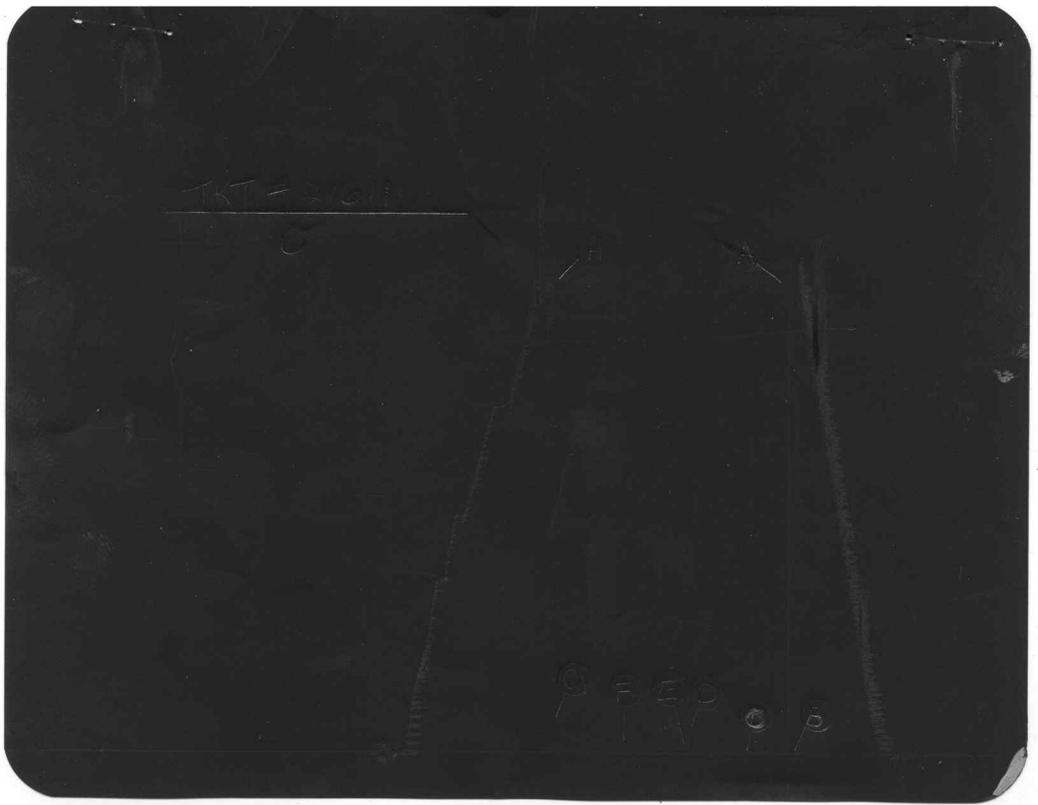
First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

Final Shut-In
 Breakdown: 19 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>8</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>32</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>	<u>8</u>	<u>3</u>	<u>10</u>	<u>5</u>	<u>21</u>	<u>3</u>	<u>23</u>
P 3 <u>10</u>	<u>8</u>	<u>6</u>	<u>13</u>	<u>10</u>	<u>21</u>	<u>6</u>	<u>25</u>
P 4 <u>15</u>	<u>8</u>	<u>9</u>	<u>15</u>	<u>15</u>	<u>21</u>	<u>9</u>	<u>27</u>
P 5 <u>20</u>	<u>8</u>	<u>12</u>	<u>21</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>30</u>
P 6 <u>25</u>	<u>8</u>	<u>15</u>	<u>23</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>32</u>
P 7 <u>30</u>	<u>8</u>	<u>18</u>	<u>30</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>36</u>
P 8 _____		<u>21</u>	<u>34</u>	<u>35</u>	<u>21</u>	<u>21</u>	<u>42</u>
P 9 _____		<u>24</u>	<u>38</u>	<u>40</u>	<u>21</u>	<u>24</u>	<u>49</u>
P10 _____		<u>27</u>	<u>47</u>	<u>45</u>	<u>21</u>	<u>27</u>	<u>53</u>
P11 _____		<u>30</u>	<u>53</u>			<u>30</u>	<u>59</u>
P12 _____		<u>33</u>	<u>61</u>			<u>33</u>	<u>68</u>
P13 _____		<u>36</u>	<u>72</u>			<u>36</u>	<u>76</u>
P14 _____		<u>39</u>	<u>82</u>			<u>39</u>	<u>87</u>
P15 _____		<u>42</u>	<u>95</u>			<u>42</u>	<u>97</u>
P16 _____		<u>45</u>	<u>104</u>			<u>45</u>	<u>112</u>
P17 _____						<u>48</u>	<u>125</u>
P18 _____						<u>51</u>	<u>143</u>
P19 _____						<u>54</u>	<u>163</u>
P20 _____						<u>57</u>	<u>184</u>





INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Whiteside #1
Elevation 2413 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 21612
Date 9-6-76 Sec. 35 Twp. 23S Range 23W County Hodgeman State Kansas
Test Approved by George Mueller Western Representative Lester Spies

Formation Test No. 3 O.K. Misrun Interval Tested From 4707' to 4725' Total Depth 4725'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4707 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
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 18 ^{perf.} Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4716 Ft. Clock No. 6893 Depth 4719 Ft. Clock No. 10412
Top Make Kuster Cap. 4500 No. 3086 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 2605 ^{Inside} ~~Outside~~
Below Straddle: Depth - Rec. No. - Clock No. - ^{Inside} ~~Outside~~ Depth - Ft. Rec. No. - Clock No. - ^{Inside} ~~Outside~~

Time Set Packer 4:22 M
Tool Open I.F.P. From 4:25 M. to 4:55 M. - Hr. 30 Min. From (B) 13 P.S.I. To (C) 17 P.S.
Tool Closed I.C.I.P. From 4:55 M. to 5:40 M. - Hr. 45 Min (D) 1244 P.S.
Tool Open F.F.P. From 5:40 M. to 6:25 M. - Hr. 45 Min. From (E) 42 P.S.I. To (F) 32 P.S.
Tool Closed F.C.I.P. From 6:25 M. to 7:25 M. 1 Hr. - Min. (G) 1193 P.S.
Initial Hydrostatic Pressure (A) 2603 P.S.I. Final Hydrostatic Pressure (H) 2561 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Very weak blow during initial flow period, no blow on final flow period.

Did Well Flow - Yes No Recovery Total Ft. 25' drilling mud with water @ tool.

Reversed Out - Yes No Mud Type starch Viscosity 36 Weight 9.9 Water Loss 18. cc. Chlorides 22,000 P.P.M.

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 Dunne-Gardner Length Drill Pipe? 3778 Ft. I.D. Drill Pipe 2.86 In. Tool Joint Size 4 1/2 FH I

Length Weight Pipe 915 Ft. I.D. Weight Pipe 2.56 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - I

Tool Joint Size - In. Length D.S.T. Tool 32 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 9-6-76 Test Ticket No. 21612
 Recorder No. 2605 Capacity 4150 Location 4719
 Clock No. 10412 Elevation 2413 Ground Level Well Temperature 124 °

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2603</u>	P.S.I.	<u>4:22</u>	<u>M</u>
B First Initial Flow Pressure	<u>13</u>	P.S.I.	<u>30</u>	<u>Mins. 30</u>
C First Final Flow Pressure	<u>17</u>	P.S.I.	<u>45</u>	<u>Mins. 45</u>
D Initial Closed-in Pressure	<u>1244</u>	P.S.I.	<u>45</u>	<u>Mins. 45</u>
E Second Initial Flow Pressure	<u>42</u>	P.S.I.	<u>60</u>	<u>Mins. 57</u>
F Second Final Flow Pressure	<u>32</u>	P.S.I.		
G Final Closed-in Pressure	<u>1193</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2561</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1 <u>0</u>	<u>13</u>	<u>0</u>	<u>17</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>32</u>	<u>0</u>
P 2 <u>5</u>	<u>14</u>	<u>3</u>	<u>34</u>	<u>3</u>	<u>32</u>	<u>3</u>	<u>49</u>	<u>3</u>
P 3 <u>10</u>	<u>14</u>	<u>6</u>	<u>127</u>	<u>6</u>	<u>32</u>	<u>6</u>	<u>84</u>	<u>6</u>
P 4 <u>15</u>	<u>15</u>	<u>9</u>	<u>581</u>	<u>9</u>	<u>32</u>	<u>9</u>	<u>286</u>	<u>9</u>
P 5 <u>20</u>	<u>15</u>	<u>12</u>	<u>829</u>	<u>12</u>	<u>32</u>	<u>12</u>	<u>601</u>	<u>12</u>
P 6 <u>25</u>	<u>16</u>	<u>15</u>	<u>933</u>	<u>15</u>	<u>32</u>	<u>15</u>	<u>775</u>	<u>15</u>
P 7 <u>30</u>	<u>17</u>	<u>18</u>	<u>1010</u>	<u>18</u>	<u>32</u>	<u>18</u>	<u>863</u>	<u>18</u>
P 8		<u>21</u>	<u>1054</u>	<u>21</u>	<u>32</u>	<u>21</u>	<u>927</u>	<u>21</u>
P 9		<u>24</u>	<u>1093</u>	<u>24</u>	<u>32</u>	<u>24</u>	<u>969</u>	<u>24</u>
P10		<u>27</u>	<u>1124</u>	<u>27</u>	<u>32</u>	<u>27</u>	<u>1006</u>	<u>27</u>
P11		<u>30</u>	<u>1153</u>	<u>30</u>		<u>30</u>	<u>1037</u>	<u>30</u>
P12		<u>33</u>	<u>1176</u>	<u>33</u>		<u>33</u>	<u>1062</u>	<u>33</u>
P13		<u>36</u>	<u>1197</u>	<u>36</u>		<u>36</u>	<u>1083</u>	<u>36</u>
P14		<u>39</u>	<u>1211</u>	<u>39</u>		<u>39</u>	<u>1101</u>	<u>39</u>
P15		<u>42</u>	<u>1230</u>	<u>42</u>		<u>42</u>	<u>1122</u>	<u>42</u>
P16		<u>45</u>	<u>1244</u>	<u>45</u>		<u>45</u>	<u>1139</u>	<u>45</u>
P17						<u>48</u>	<u>1155</u>	<u>48</u>
P18						<u>51</u>	<u>1168</u>	<u>51</u>
P19						<u>54</u>	<u>1180</u>	<u>54</u>
P20						<u>57</u>	<u>1193</u>	<u>57</u>

TKT # 21612

