

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Vincent Oil Corporation Lease & Well No. Harris #1
Elevation 1960 Ground Level Formation ----- Effective Pay ----- Ft. Ticket No. 570
Date 9/9/78 Sec. 18 Twp. 29S Range 13W County Pratt State Kansas
Test Approved by R. E. Rowland Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 3027' ft. to 3106' ft. Total Depth 3106' ft.

Packer Depth 3022 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3027 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ---

Top Recorder Depth (Inside) 3030 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 3033 ft. Recorder Number 2606 Cap. 4150

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

Drilling Contractor Graves Drilling Company

Drill Collar Length 59 I. D. 2 1/4 in.

Mud Type premix Viscosity 36

Weight Pipe Length 1697 I. D. 2 1/2 in.

Weight 9.6 Water Loss NC cc.

Drill Pipe Length 1350 I. D. 3.8 in.

Chlorides 58,000 P.P.M.

Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.

Jars: Make No Serial Number --

Anchor Length 79 ft. Size 5 1/2 OD-61' in. 2 1/2 OD

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.

Blow: Weak blow for fifteen minutes and died on initial flow. No blow on final flow period.

Recovered 10 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:20 AM P.M. Time Started Off Bottom 1:20 AM P.M. Maximum Temperature 100

Initial Hydrostatic Pressure (A) 1559 P.S.I.

Initial Flow Period Minutes 30 (B) 68 P.S.I. to (C) 19 P.S.I.

Initial Closed In Period Minutes 30 (D) 19 P.S.I.

Final Flow Period Minutes 30 (E) 13 P.S.I. to (F) 12 P.S.I.

Final Closed In Period Minutes 30 (G) 12 P.S.I.

Final Hydrostatic Pressure (H) 1543 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9/9/78 Test Ticket No. 570
 Recorder No. 2604 Capacity 4150 Location 3030 Ft.
 Clock No. -- Elevation 1960 Ground Level Well Temperature 100 °F

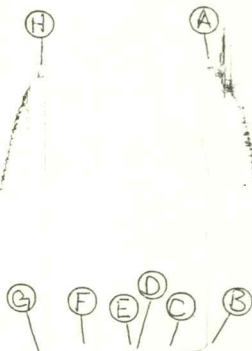
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1559</u> P.S.I.	Open Tool	<u>11:20P</u> M	
B First Initial Flow Pressure	<u>68</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>19</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>19</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>13</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>12</u> P.S.I.			
G Final Closed-in Pressure	<u>12</u> P.S.I.			
H Final Hydrostatic Mud	<u>1543</u> P.S.I.			

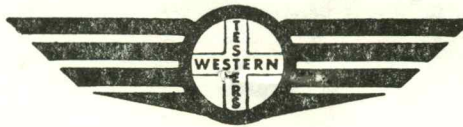
PRESSURE BREAKDOWN

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>30</u> mins. and a		of <u>5</u> mins. and a		of <u>30</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>68</u>	<u>0</u>	<u>19</u>	<u>0</u>	<u>13</u>	<u>0</u>	<u>12</u>
P 2 <u>5</u>	<u>36</u>	<u>3</u>	<u>19</u>	<u>5</u>	<u>12</u>	<u>3</u>	<u>12</u>
P 3 <u>10</u>	<u>30</u>	<u>6</u>	<u>19</u>	<u>10</u>	<u>12</u>	<u>6</u>	<u>12</u>
P 4 <u>15</u>	<u>26</u>	<u>9</u>	<u>19</u>	<u>15</u>	<u>12</u>	<u>9</u>	<u>12</u>
P 5 <u>20</u>	<u>21</u>	<u>12</u>	<u>19</u>	<u>20</u>	<u>12</u>	<u>12</u>	<u>12</u>
P 6 <u>25</u>	<u>21</u>	<u>15</u>	<u>19</u>	<u>25</u>	<u>12</u>	<u>15</u>	<u>12</u>
P 7 <u>30</u>	<u>19</u>	<u>18</u>	<u>19</u>	<u>30</u>	<u>12</u>	<u>18</u>	<u>12</u>
P 8		<u>21</u>	<u>19</u>			<u>21</u>	<u>12</u>
P 9		<u>24</u>	<u>19</u>			<u>24</u>	<u>12</u>
P10		<u>27</u>	<u>19</u>			<u>27</u>	<u>12</u>
P11		<u>30</u>	<u>19</u>			<u>30</u>	<u>12</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2600

+Kt# 570
I





P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Vincent Oil Corporation Lease & Well No. Harris #1
Elevation 1960 Ground Level Formation Toronto Effective Pay ----- Ft. Ticket No. 1040
Date 9/11/78 Sec. 18 Twp. 29S Range 13W County Pratt State Kansas
Test Approved by R. E. Rowland Western Representative Bill Hager
Formation Test No. 2 Interval Tested from 3828' ft. to 3850' ft. Total Depth 3850' ft.
Packer Depth 3823 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3828 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 3842 ft. Recorder Number 2603 Cap. 4400
Bottom Recorder Depth (Outside) 3845 ft. Recorder Number 969 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Graves Drilling Company Drill Collar Length 90 I. D. 2 1/4 in.
Mud Type premix-driscopac Viscosity 37 Weight Pipe Length 930 I. D. 2 1/4 in.
Weight 9.7 Water Loss 76 cc. Drill Pipe Length 2788 I. D. 3.8 in.
Chlorides 34,000 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make -- Serial Number -- Anchor Length 22 ft. Size 5 1/2 OD 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.

Blow: Weak blow for twenty minutes, first opening: No blow second opening.

Recovered 10 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:28 A.M. Time Started Off Bottom 2:30 A.M. Maximum Temperature 110
Initial Hydrostatic Pressure (A) 1942 P.S.I.
Initial Flow Period Minutes 30 (B) 67 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period Minutes 30 (D) 91 P.S.I.
Final Flow Period Minutes 30 (E) 78 P.S.I. to (F) 47 P.S.I.
Final Closed In Period Minutes 30 (G) 60 P.S.I.
Final Hydrostatic Pressure (H) 1920 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

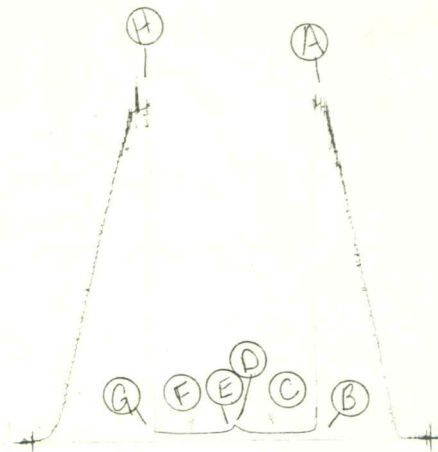
Date 9/11/78 Test Ticket No. 1040
 Recorder No. 2603 Capacity 4400 Location 3842 Ft.
 Clock No. -- Elevation 1960 Ground Level Well Temperature 110 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1942</u>	P.S.I.	<u>12:28A</u>	<u>M</u>
B First Initial Flow Pressure	<u>67</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>44</u>	P.S.I.	<u>30</u>	<u>27</u>
D Initial Closed-in Pressure	<u>91</u>	P.S.I.	<u>30</u>	<u>30</u>
E Second Initial Flow Pressure	<u>78</u>	P.S.I.	<u>30</u>	<u>24</u>
F Second Final Flow Pressure	<u>47</u>	P.S.I.		
G Final Closed-in Pressure	<u>60</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1920</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>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>8</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>67</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>78</u>	<u>0</u>	<u>47</u>
P 2 <u>5</u>	<u>51</u>	<u>3</u>	<u>44</u>	<u>5</u>	<u>57</u>	<u>3</u>	<u>47</u>
P 3 <u>10</u>	<u>46</u>	<u>6</u>	<u>45</u>	<u>10</u>	<u>50</u>	<u>6</u>	<u>47</u>
P 4 <u>15</u>	<u>45</u>	<u>9</u>	<u>46</u>	<u>15</u>	<u>49</u>	<u>9</u>	<u>49</u>
P 5 <u>20</u>	<u>45</u>	<u>12</u>	<u>51</u>	<u>20</u>	<u>47</u>	<u>12</u>	<u>51</u>
P 6 <u>25</u>	<u>45</u>	<u>15</u>	<u>54</u>	<u>25</u>	<u>47</u>	<u>15</u>	<u>54</u>
P 7 <u>30</u>	<u>44</u>	<u>18</u>	<u>56</u>	<u>30</u>	<u>47</u>	<u>18</u>	<u>55</u>
P 8		<u>21</u>	<u>62</u>			<u>21</u>	<u>57</u>
P 9		<u>24</u>	<u>74</u>			<u>24</u>	<u>60</u>
P10		<u>27</u>	<u>91</u>				
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TK+ #1040
I





P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Vincent Oil Corporation Lease & Well No. Harris #1
Elevation ----- Formation ----- Effective Pay ----- Ft. Ticket No. 531
Date 9/11/78 Sec. 18 Twp 29S Range 13W County Pratt State Kansas
Test Approved by R. E. Rowland Western Representative Jim Wondra
Formation Test No. 3 Interval Tested from 3957' ft. to 3984' ft. Total Depth 3984' ft.
Packer Depth 3952 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3959 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set ---
Top Recorder Depth (Inside) 3974 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 3977 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Graves Drilling #1 Drill Collar Length 89 I. D. 2 1/4 in.
Mud Type premix-driscac Viscosity 44 Weight Pipe Length 171 I. D. 2.7 in.
Weight 9.5 Water Loss 16.8 cc. Drill Pipe Length 3676 I. D. 3.8 in.
Chlorides 29,000 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make -- Serial Number -- Anchor Length 27 ft. Size 5 1/2 OD 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.

Blow: Fair to strong blow throughout first flow period. Fair blow throughout second flow period.

Recovered 90 ft. of very slightly oil cut mud and gas cut.

Recovered 60 ft. of very slightly oil and gas cut water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool slid 4' to bottom on opening.

Time Set Packer(s) 3:45 A.M. Time Started Off Bottom 5:45 A.M. Maximum Temperature 112
Initial Hydrostatic Pressure 2190 P.S.I.
Initial Flow Period 30 Minutes (B) 120 P.S.I. to (C) 91 P.S.I.
Initial Closed In Period 30 Minutes (D) 808 P.S.I.
Final Flow Period 30 Minutes (E) 144 P.S.I. to (F) 112 P.S.I.
Final Closed In Period 30 Minutes (G) 845 P.S.I.
Final Hydrostatic Pressure 2114 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9/11/78 Recorder No. 2607 Capacity 4150 Test Ticket No. 531 Location 3974 F
 Clock No. -- Elevation -- Well Temperature 112 °

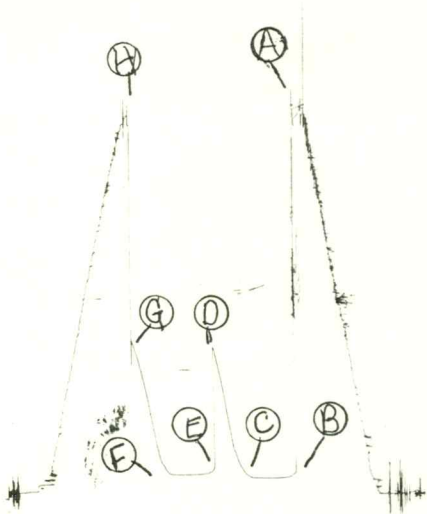
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2190	P.S.I.	3:34P	M
B First Initial Flow Pressure	120	P.S.I.	30	Mins. 30 Min
C First Final Flow Pressure	91	P.S.I.	30	Mins. 30 Min
D Initial Closed-in Pressure	808	P.S.I.	30	Mins. 30 Min
E Second Initial Flow Pressure	144	P.S.I.	30	Mins. 30 Min
F Second Final Flow Pressure	112	P.S.I.		
G Final Closed-in Pressure	845	P.S.I.		
H Final Hydrostatic Mud	2114	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>120</u>	<u>0</u>	<u>91</u>	<u>0</u>	<u>144</u>	<u>0</u>	<u>112</u>
P 2 <u>5</u>	<u>95</u>	<u>3</u>	<u>103</u>	<u>5</u>	<u>118</u>	<u>3</u>	<u>120</u>
P 3 <u>10</u>	<u>91</u>	<u>6</u>	<u>123</u>	<u>10</u>	<u>114</u>	<u>6</u>	<u>146</u>
P 4 <u>15</u>	<u>91</u>	<u>9</u>	<u>159</u>	<u>15</u>	<u>112</u>	<u>9</u>	<u>180</u>
P 5 <u>20</u>	<u>91</u>	<u>12</u>	<u>214</u>	<u>20</u>	<u>112</u>	<u>12</u>	<u>256</u>
P 6 <u>25</u>	<u>91</u>	<u>15</u>	<u>294</u>	<u>25</u>	<u>112</u>	<u>15</u>	<u>373</u>
P 7 <u>30</u>	<u>91</u>	<u>18</u>	<u>411</u>	<u>30</u>	<u>112</u>	<u>18</u>	<u>489</u>
P 8		<u>21</u>	<u>537</u>			<u>21</u>	<u>587</u>
P 9		<u>24</u>	<u>654</u>			<u>24</u>	<u>691</u>
P10		<u>27</u>	<u>752</u>			<u>27</u>	<u>770</u>
P11		<u>30</u>	<u>808</u>			<u>30</u>	<u>845</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT# 531

I.





P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Vincent Oil Corporation Lease & Well No. Harris #1
Elevation ----- Formation Simpson Effective Pay ----- Ft. Ticket No. 534
Date 9/14/78 Sec. 18 Twp 29S Range 13W County Pratt State Kansas
Test Approved by Clyde R. Kuhn Western Representative Jim Wondra
Formation Test No. 4 Interval Tested from 4654' ft. to 4675' ft. Total Depth 4675' ft.
Packer Depth 4649 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4654 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ---
Top Recorder Depth (Inside) 4665 ft. Recorder Number 2607 Cap. --
Bottom Recorder Depth (Outside) 4668 ft. Recorder Number 3351 Cap. --
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Graves Drillign #1 Drill Collar Length 89 I. D. 2 1/4 in.
Mud Type premix-driscap Viscosity 45 Weight Pipe Length 141 I. D. 2.7 in.
Weight 9.6 Water Loss 13.8 cc. Drill Pipe Length --- I. D. 3.8 in.
Chlorides 39,000 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make -- Serial Number -- Anchor Length 21 ft. Size 5 1/2 OD 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.

Blow: Very weak blow throughout flow periods.

Recovered 20 ft. of drilling mud specks of oil

Recovered --- ft. of ---

Recovered --- ft. of ---

Recovered --- ft. of ---

Recovered --- ft. of ---

Remarks: ---

Time Set Packer(s) 11:35 A.M. Time Started Off Bottom 1:35 A.M. Maximum Temperature 125 P.M.

Initial Hydrostatic Pressure (A) 2445 P.S.I.

Initial Flow Period Minutes 30 (B) 75 P.S.I. to (C) 51 P.S.I.

Initial Closed In Period Minutes 30 (D) 64 P.S.I.

Final Flow Period Minutes 30 (E) 61 P.S.I. to (F) 55 P.S.I.

Final Closed In Period Minutes 30 (G) 68 P.S.I.

Final Hydrostatic Pressure (H) 2432 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9/14/78

Test Ticket No. 534

Recorder No. 2607

Capacity 4150

Location 4665 Ft.

Clock No. -- Elevation ---

Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2445	P.S.I.	11:35	M
B First Initial Flow Pressure	75	P.S.I.	30	Mins.
C First Final Flow Pressure	51	P.S.I.	30	Mins.
D Initial Closed-in Pressure	64	P.S.I.	30	Mins.
E Second Initial Flow Pressure	61	P.S.I.	30	Mins.
F Second Final Flow Pressure	55	P.S.I.	30	Mins.
G Final Closed-in Pressure	68	P.S.I.		
H Final Hydrostatic Mud	2432	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>9</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>75</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>61</u>	<u>0</u>	<u>55</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>55</u>
P 3 <u>10</u>	<u>53</u>	<u>6</u>	<u>51</u>	<u>10</u>	<u>55</u>	<u>6</u>	<u>55</u>
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>51</u>	<u>15</u>	<u>55</u>	<u>9</u>	<u>55</u>
P 5 <u>20</u>	<u>53</u>	<u>12</u>	<u>51</u>	<u>20</u>	<u>55</u>	<u>12</u>	<u>56</u>
P 6 <u>25</u>	<u>52</u>	<u>15</u>	<u>51</u>	<u>25</u>	<u>55</u>	<u>15</u>	<u>57</u>
P 7 <u>30</u>	<u>51</u>	<u>18</u>	<u>53</u>	<u>30</u>	<u>55</u>	<u>18</u>	<u>62</u>
P 8		<u>21</u>	<u>55</u>			<u>21</u>	<u>63</u>
P 9		<u>24</u>	<u>56</u>			<u>24</u>	<u>65</u>
P10		<u>27</u>	<u>61</u>			<u>27</u>	<u>68</u>
P11		<u>30</u>	<u>64</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT# 534

I

