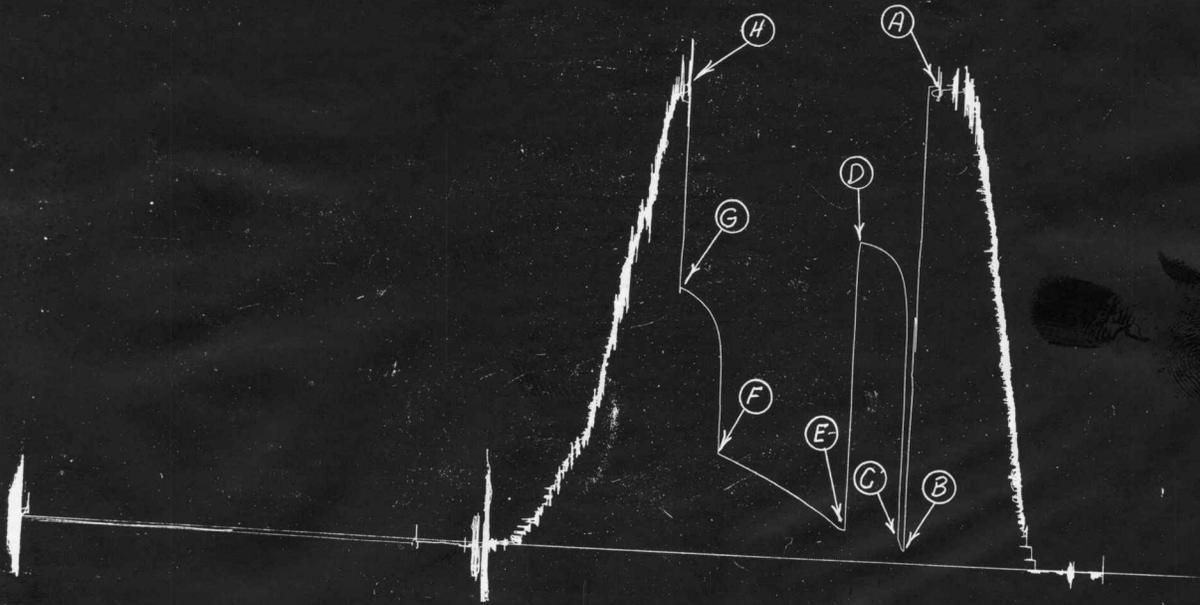


Time Petroleum Co.
Skinner #1

Test #1
TKT#3816





Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company Time Petroleum Company Lease & Well No. Skinner #1
 Elevation 1681' D.F. Ticket Number 3816
 Date 3-21-64 Sec. 8 Twp. 31 Range 14 County Barber State Kansas
 Test Approved by Toby Elster Western Representative George Tew

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 3639' to 3687' Total Depth 3687'
 Size Main Hole 7 7/8" Rat Hole None Conv. B.T. _____ Damaged _____ Yes No _____ Conv. _____ B.T. Damaged _____ Yes No _____
 Packer Depth 3639 Ft. Size 6 3/4" Packer Depth 3634 Ft. Size 6 3/4"
 Straddle _____ Yes _____ No Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
 Packer Depth _____ Ft. Size _____
 Tool Size 5 1/2" FH Tool Jt. Size 4 1/2" FH Anchor Length 48 Ft. Size 28' D.E.
20' 5 1/2" OD Anchor

RECORDERS Depth 3616 Ft. Clock No. 6861 Depth 3619 Ft. Clock No. 60
 Top Make Amerada Cap. 4200# No. 1558 Inside _____ Outside _____ Bottom Make Western Cap. 4000# No. 60 Inside _____ Outside _____
 Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
 Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 3:27 A M
 Tool Open I.F.P. From 3:32A M to 3:35A M - Hr. 3 Min. From (B) 50 P.S.I. To (C) 109 P.S.I.
 Tool Closed I.C.I.P. From 3:35A M. to 4:05A M. - Hr. 30 Min. (D) 1346 P.S.I.
 Tool Open F.F.P. From 4:05A M. to 5:05A M. 1 Hr. - Min. From (E) 137 P.S.I. To (F) 436 P.S.I.
 Tool Closed F.C.I.P. From 5:05A M. to 5:35A M. - Hr. 30 Min. (G) 1123 P.S.I.
 Initial Hydrostatic Pressure (A) 2000 P.S.I. Final Hydrostatic Pressure (H) 1983 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
 INFORMATION _____ M. _____
 _____ M. _____
 _____ M. _____

BLOW Fair blow decreasing to weak Bottom Choke Size 3/4 in.
 Did Well Flow _____ Yes No _____ Recovery Total Ft. 770' Salt wtr.

Reversed Out _____ Yes No _____ Mud Type Starch Viscosity 40 Weight 10. Maximum Temp. 108 °F
 EXTRA EQUIPMENT: Dual Packers Yes Safety Joint Yes Jars: Size No Make _____ Ser. No. _____
 Type Circ. Sub. Plug Did Tool Plug? No Where? _____ Did Packer Hold? Yes
 Length Drill Pipe 3430 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 203 ft.
 I. D. Drill Collars 2.25 in. Length D. S. T. Tool 48 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 3-21-64 Recorder No. 1558 Capacity 4200/ Test Ticket No. 3816
 Clock No. 6861 Elevation 1681' D.F. Location 3646 Ft. Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2000</u> P.S.I.	Opened Tool	<u>3:27A</u>	<u>3:27 AM</u>
B First Initial Flow Pressure	<u>56</u> P.S.I.	First Flow Pressure	<u>3</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>109</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
D Initial Closed-in Pressure	<u>1346</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>75</u> Mins.
E Second Initial Flow Pressure	<u>167</u> <u>137</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>436</u> P.S.I.			
G Final Closed-in Pressure	<u>1123</u> P.S.I.			
H Final Hydrostatic Mud	<u>1983</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.
 Breakdown: 1 Inc.
 of 5 mins. and a
 final inc. of - Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 2 Min.

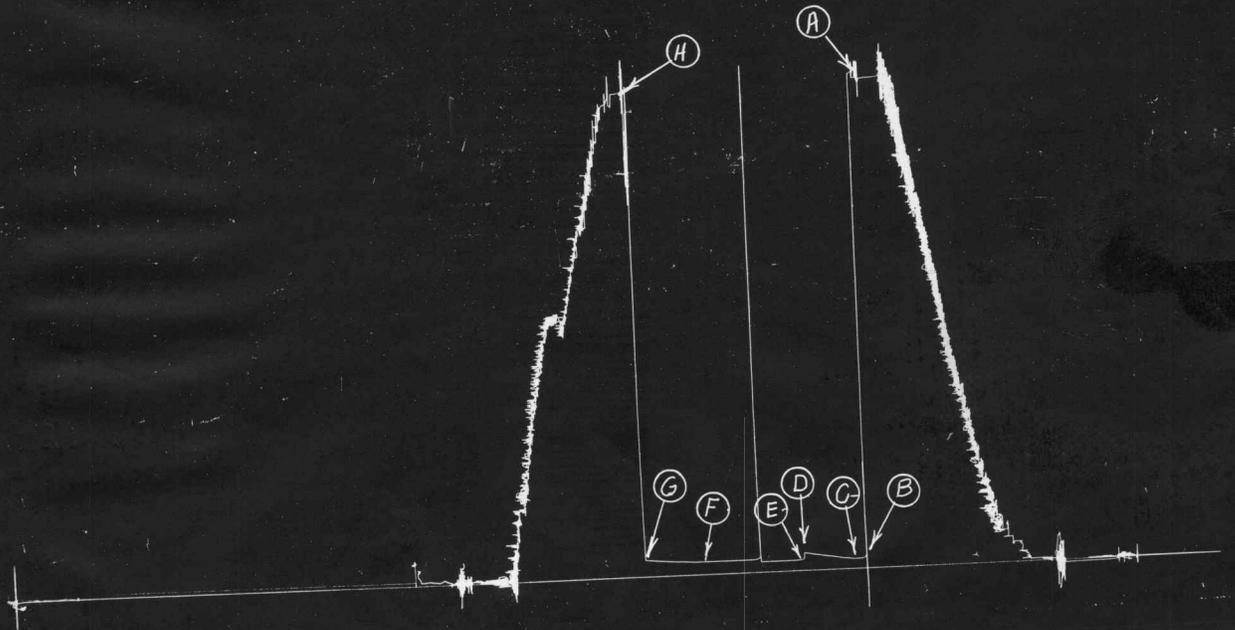
Second Flow Pressure
 Breakdown: 15 Inc.
 of 5 mins. and a
 final inc. of - Min.

Final Shut-In
 Breakdown: 9 Inc.
 of 3 mins. and a
 final inc. of - Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>56</u>	<u>0</u>	<u>109</u>	<u>0</u>	<u>137</u>	<u>0</u>	<u>436</u>
P 2 <u>5</u>	<u>109</u>	<u>3</u>	<u>843</u>	<u>5</u>	<u>149</u>	<u>3</u>	<u>928</u>
P 3		<u>6</u>	<u>1148</u>	<u>10</u>	<u>177</u>	<u>6</u>	<u>991</u>
P 4		<u>9</u>	<u>1240</u>	<u>15</u>	<u>204</u>	<u>9</u>	<u>1027</u>
P 5		<u>12</u>	<u>1275</u>	<u>20</u>	<u>227</u>	<u>12</u>	<u>1050</u>
P 6		<u>15</u>	<u>1298</u>	<u>25</u>	<u>255</u>	<u>15</u>	<u>1073</u>
P 7		<u>18</u>	<u>1315</u>	<u>30</u>	<u>276</u>	<u>18</u>	<u>1087</u>
P 8		<u>21</u>	<u>1323</u>	<u>35</u>	<u>295</u>	<u>12 21</u>	<u>1102</u>
P 9		<u>24</u>	<u>1332</u>	<u>40</u>	<u>314</u>	<u>24</u>	<u>1112</u>
P10		<u>27</u>	<u>1338</u>	<u>45</u>	<u>337</u>	<u>27</u>	<u>1123</u>
P11		<u>30</u>	<u>1342</u>	<u>50</u>	<u>352</u>		
P12		<u>32</u>	<u>1346</u>	<u>55</u>	<u>371</u>		
P13				<u>60</u>	<u>388</u>		
P14				<u>65</u>	<u>402</u>		
P15				<u>70</u>	<u>419</u>		
P16				<u>75</u>	<u>436</u>		
P17							
P18							
P19							
P20							

Time Petroleum
Skinner #1

Test # 2
TKT#3817





Home Office: Great Bend, Kansas
P. O. Box 793 Gladstone 3-7903

Company Time Petroleum Company Lease & Well No. Skinner #1
Elevation 1681' D.F. Ticket Number 3817
Date 3-21-64 Sec. 8 Twp. 31 Range 14 County Barber State Kansas
Test Approved by Toby Elster Western Representative George Tew

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 3782' to 3804' Total Depth 3804'
Size Main Hole 7 7/8" Rat Hole None Conv. B.T. _____ Damaged Yes No _____ Conv. B.T. Damaged Yes No _____
Packer Depth 3782 Ft. Size 6 3/4" Packer Depth 3777 Ft. Size 6 3/4"
Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No _____
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 22 Ft. Size 5 1/2" OD

RECORDERS Depth 3796 Ft. Clock No. 6861 Depth 3799 Ft. Clock No. 60
Top Make Amerada Cap. 4200# No. 1558 Inside _____ Outside _____ Bottom Make Western Cap. 4000# No. 60 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 7:50P M
Tool Open I.F.P. From 7:55P M to 8:00P M - Hr. 5 Min. From (B) 42 P.S.I. To (C) 42 P.S.I.
Tool Closed I.C.I.P. From 8:00P M. to 8:30P M. - Hr. 30 Min. (D) 72 P.S.I.
Tool Open F.F.P. From 8:30P M. to 9:30P M. - Hr. 1 Min. From (E) 42 P.S.I. To (F) 48 P.S.I.
Tool Closed F.C.I.P. From 9:30P M. to 10:00P M. - Hr. 30 Min. (G) 65 P.S.I.
Initial Hydrostatic Pressure (A) 2073 P.S.I. Final Hydrostatic Pressure (H) 2050 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Weak blow for 5 mins. - Flushed tool - No help Bottom Choke Size 3/4 in.
Did Well Flow Yes No _____ Recovery Total Ft. 20' Drilling Mud

Reversed Out Yes No _____ Mud Type Starch Viscosity 40 Weight 40 10. Maximum Temp. 107 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint Yes Jars: Size No Make _____ Ser. No. _____
Type Circ. Sub. Plug Did Tool Plug? No Where? _____ Did Packer Hold? Yes
Length Drill Pipe 3528 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 232 ft.
I. D. Drill Collars 2.25 in. Length D. S. T. Tool 44 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 3-21-64 Test Ticket No. 3817
 Recorder No. 1558 Capacity 4200 Location 3796 Ft.
 Clock No. 6861 Elevation 1681' D.P. Well Temperature 107 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2073</u> P.S.I.	Opened Tool	<u>7:50P</u>	<u>7:50 PM</u>
B First Initial Flow Pressure	<u>42</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>42</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>72</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>42</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>48</u> P.S.I.			
G Final Closed-in Pressure	<u>65</u> P.S.I.			
H Final Hydrostatic Mud	<u>2050</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.
 Breakdown: 1 Inc.
 of 5 mins. and a
 final inc. of - Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of - Min.

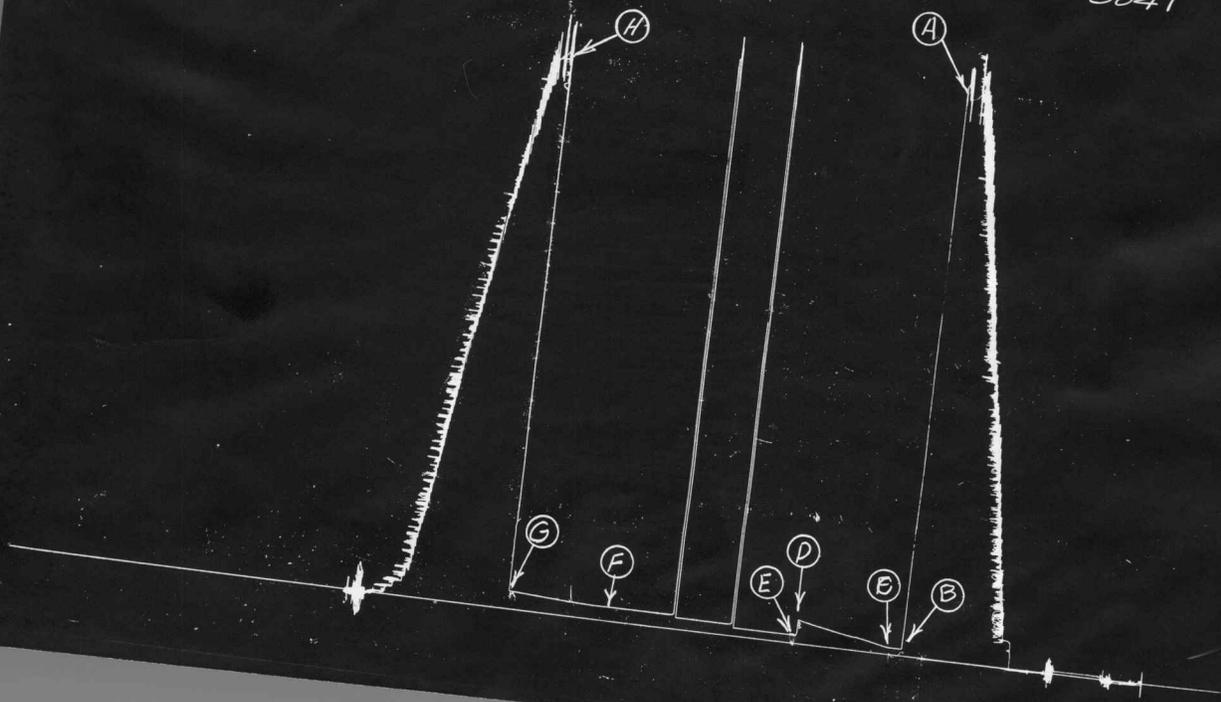
Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of - Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of - Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>42</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>48</u>
P 2 <u>5</u>	<u>42</u>	<u>3</u>	<u>44</u>	<u>5</u>	<u>42</u>	<u>3</u>	<u>51</u>
P 3		<u>6</u>	<u>46</u>	<u>10</u>	<u>42</u>	<u>6</u>	<u>52</u>
P 4		<u>9</u>	<u>48</u>	<u>15</u>	<u>42</u>	<u>9</u>	<u>53</u>
P 5		<u>12</u>	<u>52</u>	<u>20</u>	<u>42</u>	<u>12</u>	<u>54</u>
P 6		<u>15</u>	<u>54</u>	<u>25</u>	<u>42</u>	<u>15</u>	<u>55</u>
P 7		<u>18</u>	<u>58</u>	<u>30</u>	<u>48</u>	<u>18</u>	<u>56</u>
P 8		<u>21</u>	<u>63</u>	<u>35</u>	<u>48</u>	<u>21</u>	<u>58</u>
P 9		<u>24</u>	<u>66</u>	<u>40</u>	<u>48</u>	<u>24</u>	<u>61</u>
P10		<u>27</u>	<u>69</u>	<u>45</u>	<u>48</u>	<u>27</u>	<u>63</u>
P11		<u>30</u>	<u>72</u>	<u>50</u>	<u>48</u>	<u>30</u>	<u>65</u>
P12				<u>55</u>	<u>48</u>		
P13				<u>60</u>	<u>48</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Time Petroleum Co.
Skinner #1

Test #3
TKT# 3041





Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company Time Petroleum Company Lease & Well No. Skinner #1
 Elevation 1684' K.B. Ticket Number 3041
 Date 3-28-64 Sec. 8 Twp. 31 Range 14 County Barber State Kansas
 Test Approved by Toby Elster Western Representative Guy M. Knipe

Formation Test No. 3 O.K. Misrun Interval Tested From 4443' to 4460' Total Depth 4460'
 Size Main Hole 7 7/8" Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Packer Depth 4440 Ft. Size 6 3/4" Packer Depth 4443 Ft. Size 6 3/4"
 Straddle Yes No Conv. B.T. Damaged Yes No
 Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" PH Anchor Length 17 Ft. Size 5 1/2" OD

RECORDERS Depth 4452 Ft. Clock No. 5665 Depth 4455 Ft. Clock No. #150 - 8 Hr.
 Top Make Amerada Cap. 4200# No. 1559 Inside Outside Bottom Make Western Cap. 4000# No. 59 Inside Outside
 Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside
 Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 12:16A M
 Tool Open I.F.P. From 12:18A M to 12:23A M - Hr. 5 Min. From (B) 31 P.S.I. To (C) 31 P.S.I.
 Tool Closed I.C.I.P. From 12:23A M. to 1:23A M. 1 Hr. - Min. (D) 101 P.S.I.
 Tool Open F.F.P. From 1:23A M. to 3:23A M. 2 Hr. - Min. From (E) 35 P.S.I. To (F) 54 P.S.I.
 Tool Closed F.C.I.P. From 3:23A M. to 4:23A M. 1 Hr. - Min. (G) 71 P.S.I.
 Initial Hydrostatic Pressure (A) 2362 P.S.I. Final Hydrostatic Pressure (H) 2339 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
 INFORMATION _____ M. _____
 _____ M. _____
 _____ M. _____

BLOW Weak for 5 mins.-Shut tool in I.C.I.P.-Open tool-weak 7 min.-flushed tool-few bubbles-died Bottom Choke Size 3/4 in.
 Did Well Flow Yes No Recovery Total Ft. 60' Drilling Mud

Reversed Out Yes No Mud Type Starch Viscosity 46 Weight 9.8 Maximum Temp. 119 °F
 EXTRA EQUIPMENT: Dual Packers Safety Joint Jars: Size No Make _____ Ser. No. _____
 Type Circ. Sub. Plug Did Tool Plug? Where? _____ Did Packer Hold?
 Length Drill Pipe 4198 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 224 ft.
 I. D. Drill Collars 2.4 in. Length D. S. T. Tool 38 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 3-28-64 Test Ticket No. 3041
 Recorder No. 1559 Capacity 4200# Location 4452 Ft.
 Clock No. 5665 Elevation 1684' K.B. Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2362</u>	P.S.I.	<u>12:16</u> A	<u>12:16</u> AM
B First Initial Flow Pressure	<u>31</u>	P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>31</u>	P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>101</u>	P.S.I.	<u>120</u> Mins.	<u>115</u> Mins.
E Second Initial Flow Pressure	<u>35</u>	P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>54</u>	P.S.I.		
G Final Closed-in Pressure	<u>71</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2339</u>	P.S.I.		

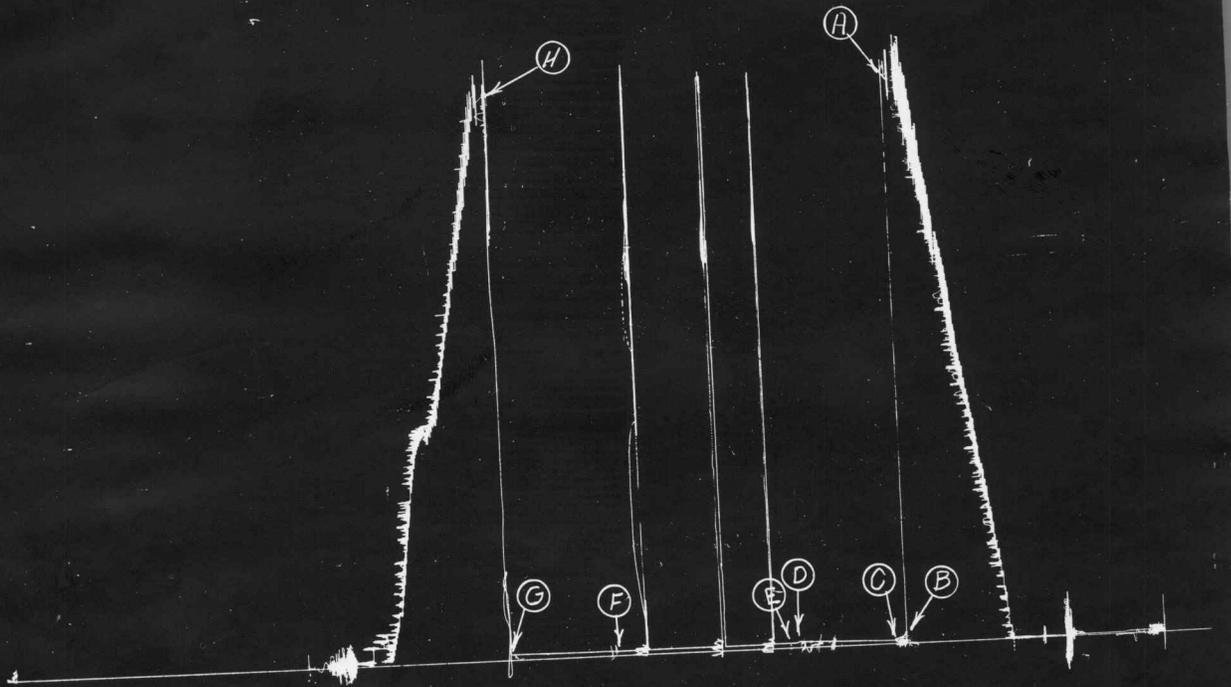
PRESSURE BREAKDOWN

First Flow Press. Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Initial Shut-In Breakdown: <u>19</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.	Second Flow Pressure Breakdown: <u>23</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Final Shut-In Breakdown: <u>19</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>31</u>	<u>0</u> <u>31</u>	<u>0</u> <u>35</u>	<u>0</u> <u>54</u>			
P 2	<u>5</u> <u>31</u>	<u>3</u> <u>33</u>	<u>5</u> <u>35</u>	<u>3</u> <u>54</u>			
P 3		<u>6</u> <u>37</u>	<u>10</u> <u>35</u>	<u>6</u> <u>55</u>			
P 4		<u>9</u> <u>43</u>	<u>15</u> <u>35</u>	<u>9</u> <u>55</u>			
P 5		<u>12</u> <u>48</u>	<u>20</u> <u>35</u>	<u>12</u> <u>56</u>			
P 6		<u>15</u> <u>52</u>	<u>25</u> <u>35</u>	<u>15</u> <u>57</u>			
P 7		<u>18</u> <u>54</u>	<u>30</u> <u>35</u>	<u>18</u> <u>58</u>			
P 8		<u>21</u> <u>58</u>	<u>35</u> <u>35</u>	<u>21</u> <u>59</u>			
P 9		<u>24</u> <u>60</u>	<u>40</u> <u>35</u>	<u>24</u> <u>61</u>			
P10		<u>27</u> <u>64</u>	<u>45</u> <u>45</u>	<u>27</u> <u>63</u>			
P11		<u>30</u> <u>68</u>	<u>50</u> <u>45</u>	<u>30</u> <u>64</u>			
P12		<u>33</u> <u>72</u>	<u>55</u> <u>45</u>	<u>33</u> <u>65</u>			
P13		<u>36</u> <u>77</u>	<u>60</u> <u>45</u>	<u>36</u> <u>66</u>			
P14		<u>39</u> <u>81</u>	<u>65</u> <u>45</u>	<u>39</u> <u>66</u>			
P15		<u>42</u> <u>85</u>	<u>70</u> <u>45</u>	<u>42</u> <u>67</u>			
P16		<u>45</u> <u>89</u>	<u>75</u> <u>54</u>	<u>45</u> <u>68</u>			
P17		<u>48</u> <u>94</u>	<u>80</u> <u>54</u>	<u>48</u> <u>69</u>			
P18		<u>51</u> <u>96</u>	<u>85</u> <u>54</u>	<u>51</u> <u>70</u>			
P19		<u>54</u> <u>100</u>	<u>90</u> <u>54</u>	<u>54</u> <u>70</u>			
P20		<u>57</u> <u>101</u>	<u>95</u> <u>54</u>	<u>57</u> <u>71</u>			
			<u>100</u> <u>54</u>				
			<u>105</u> <u>54</u>				
			<u>110</u> <u>54</u>				
			<u>115</u> <u>54</u>				

Time Petroleum Co.
Skinner #1

TEST #4
TKT #3042





Home Office: Great Bend, Kansas
 P. O. Box 793 Gladstone 3-7903

Company Time Petroleum Company Lease & Well No. Skinner #1
 Elevation 1684' K.B. Ticket Number 3042
 Date 3-28-64 Sec. 8 Twp. 31 Range 14 County Barber State Kansas
 Test Approved by Toby Elster Western Representative Guy M. Kripe

Formation Test No. 4 O.K. Misrun _____ Interval Tested From 4477' to 4484' Total Depth 4484'
 Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. Damaged Yes No _____ Conv. _____ B.T. Damaged Yes No _____
 Packer Depth 4474 Ft. Size 6 3/4" Packer Depth 4477 Ft. Size 6 3/4"
 Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No _____
 Packer Depth _____ Ft. Size _____
 Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 7 Ft. Size 5 1/2" OD

RECORDERS Depth 4464 Ft. Clock No. 5665 Depth 4480 Ft. Clock No. 150 - 8 Hr.
 Top Make Amerada Cap. 4200# No. 1559 Inside _____ Outside _____ Bottom Make Western Cap. 4000# No. 59 Inside _____ Outside _____
 Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
 Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 5:55P M _____
 Tool Open I.F.P. From 5:56P M to 6:01P M - Hr. 5 Min. From (B) 14 P.S.I. To (C) 14 P.S.I.
 Tool Closed I.C.I.P. From 6:01P M. to 7:01P M. 1 Hr. - Min. (D) 22 P.S.I.
 Tool Open F.F.P. From 7:01P M. to 9:01P M. 2 Hr. - Min. From (E) 15 P.S.I. To (F) 15 P.S.I.
 Tool Closed F.C.I.P. From 9:01P M. to 10:01P M. 1 Hr. - Min. (G) 15 P.S.I.
 Initial Hydrostatic Pressure (A) 2379 P.S.I. Final Hydrostatic Pressure (H) 2360 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
 INFORMATION _____ M. _____
 _____ M. _____
 _____ M. _____

BLOW Weak blow 2 mins. - Flushed tool 3 times - No help Bottom Choke Size 3/4 in.
 Did Well Flow Yes No _____ Recovery Total Ft. 7' Drilling Mud

Reversed Out Yes No _____ Mud Type Starch Viscosity 45 Weight 9.8 Maximum Temp. 119 °F
 EXTRA EQUIPMENT: Dual Packers Safety Joint Jars: Size No Make _____ Ser. No. _____
 Type Circ. Sub. Plug Did Tool Plug? Where? _____ Did Packer Hold?
 Length Drill Pipe 4227 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 224 ft.
 I. D. Drill Collars 2.4 in. Length D. S. T. Tool 33 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 3-28-64 Recorder No. 1559 Capacity 4200# Test Ticket No. 3042
 Clock No. 5665 Elevation 1684' K.B. Location 4464 Ft. 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2379</u>	P.S.I.	<u>5:55 P</u>	<u>5:55 PM</u>
B First Initial Flow Pressure	<u>14</u>	P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>14</u>	P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>22</u>	P.S.I.	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>15</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>15</u>	P.S.I.		
G Final Closed-in Pressure	<u>15</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2360</u>	P.S.I.		

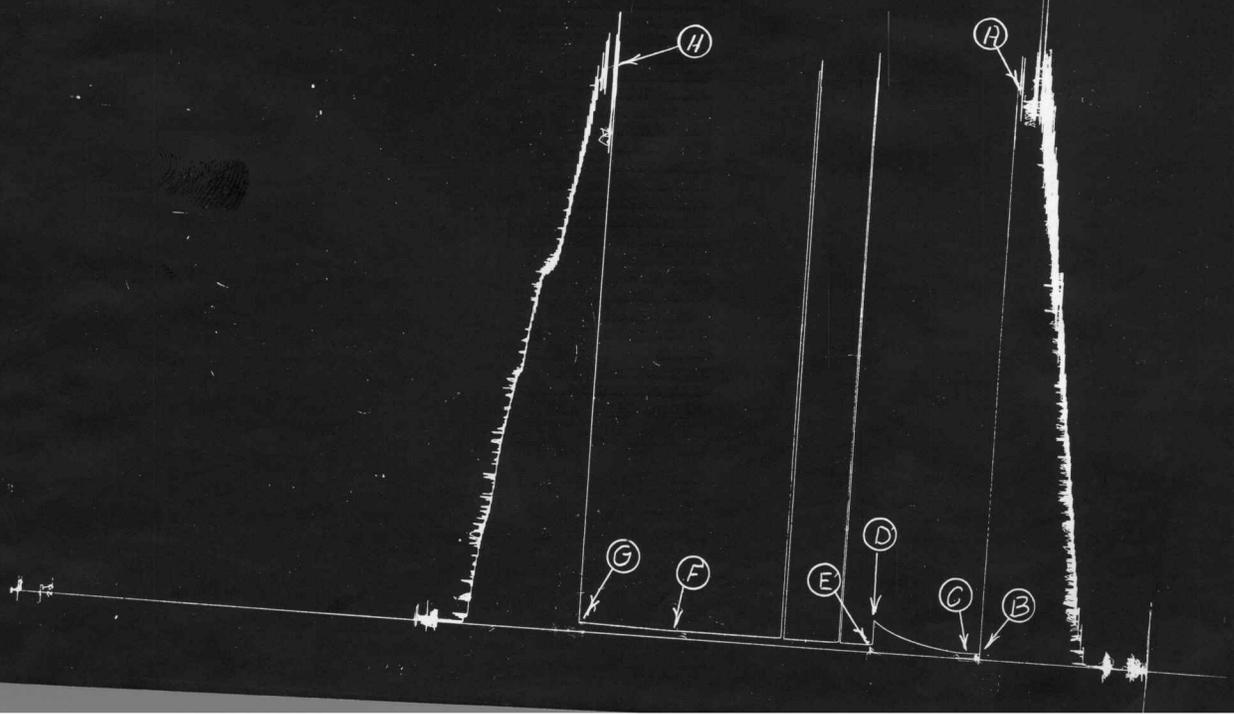
PRESSURE BREAKDOWN

First Flow Press. Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Initial Shut-In Breakdown: <u>19</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.	Second Flow Pressure Breakdown: <u>24</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>14</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>15</u>	<u>0</u>	<u>15</u>
P 2	<u>14</u>	<u>3</u>	<u>14</u>	<u>5</u>	<u>15</u>	<u>3</u>	<u>15</u>
P 3		<u>6</u>	<u>14</u>	<u>10</u>	<u>15</u>	<u>6</u>	<u>15</u>
P 4		<u>9</u>	<u>14</u>	<u>15</u>	<u>15</u>	<u>9</u>	<u>15</u>
P 5		<u>15</u>	<u>14</u>	<u>25</u>	<u>15</u>	<u>15</u>	<u>15</u>
P 6		<u>18</u>	<u>14</u>	<u>30</u>	<u>15</u>	<u>18</u>	<u>15</u>
P 7		<u>21</u>	<u>15</u>	<u>35</u>	<u>15</u>	<u>21</u>	<u>15</u>
P 8		<u>24</u>	<u>15</u>	<u>40</u>	<u>15</u>	<u>24</u>	<u>15</u>
P 9		<u>27</u>	<u>16</u>	<u>45</u>	<u>15</u>	<u>27</u>	<u>15</u>
P10		<u>30</u>	<u>16</u>	<u>50</u>	<u>15</u>	<u>30</u>	<u>15</u>
P11		<u>33</u>	<u>17</u>	<u>55</u>	<u>15</u>	<u>33</u>	<u>15</u>
P12		<u>36</u>	<u>18</u>	<u>60</u>	<u>15</u>	<u>36</u>	<u>15</u>
P13		<u>39</u>	<u>18</u>	<u>65</u>	<u>15</u>	<u>39</u>	<u>15</u>
P14		<u>42</u>	<u>19</u>	<u>70</u>	<u>15</u>	<u>42</u>	<u>15</u>
P15		<u>45</u>	<u>19</u>	<u>75</u>	<u>15</u>	<u>45</u>	<u>15</u>
P16		<u>48</u>	<u>20</u>	<u>80</u>	<u>15</u>	<u>48</u>	<u>15</u>
P17		<u>51</u>	<u>20</u>	<u>85</u>	<u>15</u>	<u>51</u>	<u>15</u>
P18		<u>54</u>	<u>21</u>	<u>90</u>	<u>15</u>	<u>54</u>	<u>15</u>
P19		<u>57</u>	<u>22</u>	<u>95</u>	<u>15</u>	<u>57</u>	<u>15</u>
P20				<u>100</u>	<u>15</u>	<u>60</u>	<u>15</u>
				<u>105</u>	<u>15</u>		
				<u>110</u>	<u>15</u>		
				<u>115</u>	<u>15</u>		
				<u>120</u>	<u>15</u>		

Time Petroleum Co.
Skinner #1

Test #5
TKT#3043





Home Office: Great Bend, Kansas
 P. O. Box 793 Gladstone 3-7903

Company Time Petroleum Company Lease & Well No. Skinner #1
 Elevation 1684' K.B. Ticket Number 3043
 Date 3-29-64 Sec. 8 Twp. 31 Range 14 County Barber State Kansas
 Test Approved by Toby Elster Western Representative Guy M. Knipe

Formation Test No. 5 O.K. Misrun _____ Interval Tested From 4481' to 4495' Total Depth 4495'
 Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. Damaged Yes No Conv. _____ B.T. Damaged Yes No
 Packer Depth 4478 Ft. Size 6 3/4" Packer Depth 4481 Ft. Size 6 3/4"
 Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No
 Packer Depth _____ Ft. Size _____
 Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 14 Ft. Size 5 1/2" OD

RECORDERS Depth 4487 Ft. Clock No. 5665 Depth 4490 Ft. Clock No. 150
 Top Make Amerada Cap. 4200# No. 1559 Inside Outside Bottom Make Western Cap. 4000# No. 59 Inside Outside
 Below Straddle: Depth _____ Clock No. _____ Inside Outside Depth _____ Ft. Clock No. _____ Inside Outside
 Top Make _____ Cap. _____ No. _____ Inside Outside Bottom Make _____ Cap. _____ No. _____ Inside Outside

Time Set Packer 9:30A M
 Tool Open I.F.P. From 9:31A M to 9:37A M - Hr. 5 Min. From (B) 22 P.S.I. To (C) 22 P.S.I.
 Tool Closed I.C.I.P. From 9:37A M. to 10:37A M. 1 Hr. - Min. (D) 131 P.S.I.
 Tool Open F.F.P. From 10:37A M. to 12:37P M. 2 Hr. - Min. From (E) 27 P.S.I. To (F) 27 P.S.I.
 Tool Closed F.C.I.P. From 12:37P M. to 1:37P M. 1 Hr. - Min. (G) 27 P.S.I.
 Initial Hydrostatic Pressure (A) 2400 P.S.I. Final Hydrostatic Pressure (H) 2386 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
 INFORMATION _____ M. _____
 _____ M. _____
 _____ M. _____

BLOW Weak 1 min. - Flushed tool - Few bubbles - died Bottom Choke Size 3/4 in.
 Did Well Flow Yes No Recovery Total Ft. 15' Drilling Mud

Reversed Out Yes No Mud Type Starch Viscosity 45 Weight 9.9 Maximum Temp. 117 °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Jars: Size No Make _____ Ser. No. _____
 Type Circ. Sub. Plug Did Tool Plug? _____ Where? _____ Did Packer Hold? Yes
 Length Drill Pipe 4235 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 224 ft.
 I. D. Drill Collars 2.4 in. Length D. S. T. Tool 36 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 3-29-64 Test Ticket No. 3043
 Recorder No. 1559 Capacity 4200# Location 4487 Ft.
 Clock No. 5665 Elevation 1684' K.B. Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2400</u> P.S.I.	Opened Tool	<u>9:30 A</u>	<u>9:30 AM</u>
B First Initial Flow Pressure	<u>22</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>22</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>131</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>27</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>27</u> P.S.I.			
G Final Closed-in Pressure	<u>27</u> P.S.I.			
H Final Hydrostatic Mud	<u>2386</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press. Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Initial Shut-In Breakdown: <u>9</u> Inc. of <u>35</u> mins. and a final inc. of <u>-</u> Min.	Second Flow Pressure Breakdown: <u>24</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>22</u>	<u>0</u> <u>22</u>	<u>0</u> <u>27</u>	<u>0</u> <u>27</u>	<u>0</u> <u>27</u>	<u>0</u> <u>27</u>	<u>27</u>
P 2	<u>5</u> <u>22</u>	<u>3</u> <u>23</u>	<u>5</u> <u>27</u>	<u>5</u> <u>27</u>	<u>3</u> <u>27</u>	<u>3</u> <u>27</u>	<u>27</u>
P 3		<u>6</u> <u>24</u>	<u>10</u> <u>27</u>	<u>10</u> <u>27</u>	<u>6</u> <u>27</u>	<u>6</u> <u>27</u>	<u>27</u>
P 4		<u>9</u> <u>25</u>	<u>15</u> <u>27</u>	<u>15</u> <u>27</u>	<u>9</u> <u>27</u>	<u>9</u> <u>27</u>	<u>27</u>
P 5		<u>12</u> <u>27</u>	<u>20</u> <u>27</u>	<u>20</u> <u>27</u>	<u>12</u> <u>27</u>	<u>12</u> <u>27</u>	<u>27</u>
P 6		<u>15</u> <u>29</u>	<u>25</u> <u>27</u>	<u>25</u> <u>27</u>	<u>15</u> <u>27</u>	<u>15</u> <u>27</u>	<u>27</u>
P 7		<u>18</u> <u>33</u>	<u>30</u> <u>27</u>	<u>30</u> <u>27</u>	<u>18</u> <u>27</u>	<u>18</u> <u>27</u>	<u>27</u>
P 8		<u>21</u> <u>37</u>	<u>35</u> <u>27</u>	<u>35</u> <u>27</u>	<u>21</u> <u>27</u>	<u>21</u> <u>27</u>	<u>27</u>
P 9		<u>24</u> <u>41</u>	<u>40</u> <u>27</u>	<u>40</u> <u>27</u>	<u>24</u> <u>27</u>	<u>24</u> <u>27</u>	<u>27</u>
P 10		<u>27</u> <u>45</u>	<u>45</u> <u>27</u>	<u>45</u> <u>27</u>	<u>27</u> <u>27</u>	<u>27</u> <u>27</u>	<u>27</u>
P 11		<u>30</u> <u>52</u>	<u>50</u> <u>27</u>	<u>50</u> <u>27</u>	<u>27</u> <u>30</u>	<u>27</u> <u>27</u>	<u>27</u>
P 12		<u>33</u> <u>56</u>	<u>55</u> <u>27</u>	<u>55</u> <u>27</u>	<u>33</u> <u>27</u>	<u>33</u> <u>27</u>	<u>27</u>
P 13		<u>36</u> <u>62</u>	<u>60</u> <u>27</u>	<u>60</u> <u>27</u>	<u>36</u> <u>27</u>	<u>36</u> <u>27</u>	<u>27</u>
P 14		<u>39</u> <u>68</u>	<u>65</u> <u>27</u>	<u>65</u> <u>27</u>	<u>39</u> <u>27</u>	<u>39</u> <u>27</u>	<u>27</u>
P 15		<u>42</u> <u>77</u>	<u>70</u> <u>27</u>	<u>70</u> <u>27</u>	<u>42</u> <u>27</u>	<u>42</u> <u>27</u>	<u>27</u>
P 16		<u>45</u> <u>85</u>	<u>75</u> <u>27</u>	<u>75</u> <u>27</u>	<u>45</u> <u>27</u>	<u>45</u> <u>27</u>	<u>27</u>
P 17		<u>48</u> <u>94</u>	<u>80</u> <u>27</u>	<u>80</u> <u>27</u>	<u>48</u> <u>27</u>	<u>48</u> <u>27</u>	<u>27</u>
P 18		<u>51</u> <u>106</u>	<u>85</u> <u>27</u>	<u>85</u> <u>27</u>	<u>51</u> <u>27</u>	<u>51</u> <u>27</u>	<u>27</u>
P 19		<u>54</u> <u>119</u>	<u>90</u> <u>27</u>	<u>90</u> <u>27</u>	<u>54</u> <u>27</u>	<u>54</u> <u>27</u>	<u>27</u>
P 20		<u>57</u> <u>131</u>	<u>95</u> <u>27</u>	<u>95</u> <u>27</u>	<u>57</u> <u>27</u>	<u>57</u> <u>27</u>	<u>27</u>
			<u>100</u> <u>27</u>	<u>100</u> <u>27</u>	<u>60</u> <u>27</u>	<u>60</u> <u>27</u>	<u>27</u>
			<u>105</u> <u>27</u>	<u>105</u> <u>27</u>			
			<u>110</u> <u>27</u>	<u>110</u> <u>27</u>			
			<u>115</u> <u>27</u>	<u>115</u> <u>27</u>			
			<u>120</u> <u>27</u>	<u>120</u> <u>27</u>			