



Home Office: Great Bend, Kansas  
 P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Kinzie #2  
 Elevation 1905 Derrick Floor Formation Mississippi Effective Pay - Ft. Ticket No. 25302  
 Date 4-10-75 Sec. 23 Twp. 29S Range 13W County Pratt State Kansas  
 Test Approved by Sam Farmer Western Representative Bob Anthony

Formation Test No. 1 O.K.  Misrun  Interval Tested From 4335' to 4380' Total Depth 4380'  
 Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
 Top Packer Depth 4330 Ft. Size 6 3/4 Bottom Packer Depth 4335 Ft. Size 6 3/4  
 Straddle  Conv.  B.T.  Damaged  Yes  No Packer Depth - Ft. Size -  
 Tool Size 5/8 OD Tool Joint Size 4 1/2 FH Anchor Length 45 Ft. Size 5/8 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4372 Ft. Clock No. 6866 Depth 4375 Ft. Clock No. 8376  
 Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside  
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 7:37 P M  
 Tool Open I.F.P. From 7:40P M. to 8:10P M. - Hr. 30 Min. From (B) 73 P.S.I. To (C) 87 P.S.I.  
 Tool Closed I.C.I.P. From 8:10P M. to 8:40P M. - Hr. 30 Min (D) 100 P.S.I.  
 Tool Open F.F.P. From 8:40P M. to 8:55P M. - Hr. 15 Min. From (E) 93 P.S.I. To (F) 89 P.S.I.  
 Tool Closed F.C.I.P. From 8:55P M. to 9:10P M. - Hr. 15 Min. (G) 92 P.S.I.  
 Initial Hydrostatic Pressure (A) 2205 P.S.I. Final Hydrostatic Pressure (H) 2168 P.S.I. Maximum Temp. 122

**INFORMATION**

BLOW Weak decreasing blow on initial flow period. Very weak blow on final flow period.  
 Did Well Flow  Yes  No Recovery Total Ft. 10' drilling mud.

Reversed Out  Yes  No Mud Type Starch Viscosity 44 Weight 9.7 Water Loss 12.4 cc. Chlorides 52,000 PPM  
 EXTRA EQUIPMENT: Type Circ. Sub. p/n Safety Joint - Jars: Size - In. Make - Ser. No. -  
 Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -  
 DRILLING CONTRACTOR D.R. Lauck Oil Co., Inc. Length Drill Pipe? 3868 Ft. I.D. Drill Pipe 3.2 In. Tool Joint Size 4 1/2 FH In.  
 Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 447 Ft. I.D. Drill Collars 2.7 In.  
 Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 65 Ft.

Remarks:

# WESTERN TESTING CO., INC.

## Pressure Data

Date 4-10-75

Test Ticket No. 25302

Recorder No. 2606

Capacity 4150

Location 4372 Ft.

Clock No. 6866

Elevation 1905

Derrick Floor

Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2205</u> P.S.I.	Open Tool	<u>7:37P</u> M	
B First Initial Flow Pressure	<u>73</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>87</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>100</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>93</u> P.S.I.	Final Closed-in Pressure	<u>15</u> Mins.	<u>15</u> Mins.
F Second Final Flow Pressure	<u>89</u> P.S.I.			
G Final Closed-in Pressure	<u>92</u> P.S.I.			
H Final Hydrostatic Mud	<u>2188</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: 10 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

#### Second Flow Pressure

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

#### Final Shut-In

Breakdown: 5 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>73</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>93</u>	<u>0</u>	<u>89</u>
P 2 <u>5</u>	<u>67</u>	<u>3</u>	<u>89</u>	<u>5</u>	<u>87</u>	<u>3</u>	<u>90</u>
P 3 <u>10</u>	<u>72</u>	<u>6</u>	<u>90</u>	<u>10</u>	<u>87</u>	<u>6</u>	<u>90</u>
P 4 <u>15</u>	<u>77</u>	<u>9</u>	<u>92</u>	<u>15</u>	<u>89</u>	<u>9</u>	<u>91</u>
P 5 <u>20</u>	<u>81</u>	<u>12</u>	<u>94</u>			<u>12</u>	<u>91</u>
P 6 <u>25</u>	<u>83</u>	<u>15</u>	<u>95</u>			<u>15</u>	<u>92</u>
P 7 <u>30</u>	<u>87</u>	<u>18</u>	<u>96</u>				
P 8		<u>21</u>	<u>97</u>				
P 9		<u>24</u>	<u>98</u>				
P10		<u>27</u>	<u>99</u>				
P11		<u>30</u>	<u>100</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

+K+ # 25302

(H)

I

(A)

(G)

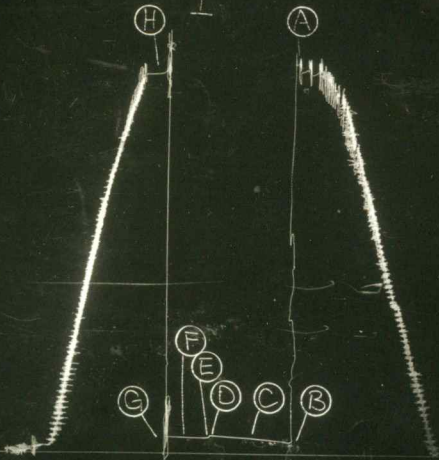
(F)

(E)

(D)

(C)

(B)





Home Office: Great Bend, Kansas  
 P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Kinzie #2  
 Elevation 1905 Derrick Floor Formation Simpson Effective Pay - Ft. Ticket No. 25303  
 Date 4-12-75 Sec. 23 Twp. 29S Range 13W County Pratt State Kansas  
 Test Approved by Sam Farmer Western Representative Bob Anthony

Formation Test No. 2 O.K.  Misrun  Interval Tested From 4565' to 4590' Total Depth 4590'  
 Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
 Top Packer Depth 4560 Ft. Size 6 3/4 Bottom Packer Depth 4565 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 25 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4582 Ft. Clock No. 6894 Depth 4585 Ft. Clock No. 8376  
 Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside  
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 2:02 P M  
 Tool Open I.F.P. From 2:05P M. to 2:35P M. - Hr. 30 Min. From (B) 121 P.S.I. To (C) 653 P.S.I.  
 Tool Closed I.C.I.P. From 2:35P M. to 3:05P M. - Hr. 30 Min (D) 1110 P.S.I.  
 Tool Open F.F.P. From 3:05P M. to 4:05P M. - Hr. 60 Min. From (E) 717 P.S.I. To (F) 1101 P.S.I.  
 Tool Closed F.C.I.P. From 4:05P M. to 5:05P M. - Hr. 60 Min. (G) 1107 P.S.I.  
 Initial Hydrostatic Pressure (A) 2450 P.S.I. Final Hydrostatic Pressure (H) 2429 P.S.I. Maximum Temp. 124

**INFORMATION**

BLOW Strong blow throughout test.  
 Did Well Flow  Yes  No Recovery Total Ft. 2,400' oil cut water.

Reversed Out  Yes  No Mud Type Starch Viscosity 45 Weight 9.5 Water Loss 10.8 cc. Chlorides 48,000 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?  - Where?  -  
 DRILLING CONTRACTOR D.R. Lauck Oil Co., Inc. Length Drill Pipe? 4545 Ft. I.D. Drill Pipe 3.2 In. Tool Joint Size 4 1/2 FH In.  
 Length Weight Pipe  Ft. I.D. Weight Pipe  In. Tool Joint Size  In. Length Drill Collars  Ft. I.D. Drill Collars  In.  
 Tool Joint Size  In. Length D.S.T. Tool 45 Ft.

Remarks: Gas to surface in 2 hours and 35 minutes on final flow period.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

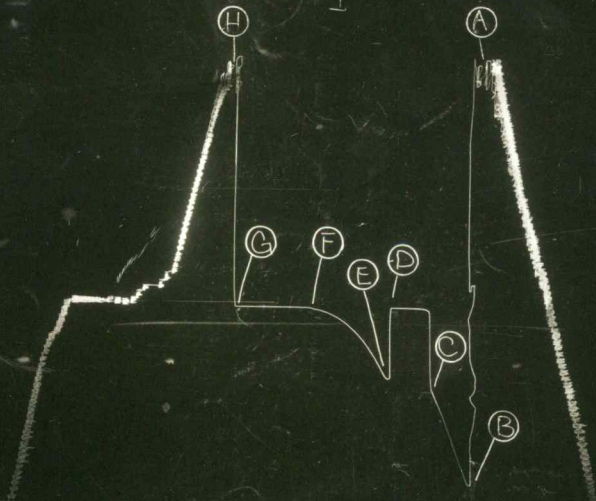
Date 4-12-75 Test Ticket No. 25303  
 Recorder No. 2606 Capacity 4150 Location 4582 Ft.  
 Clock No. 6894 Elevation 1905 Derrick Floor Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2450</u> P.S.I.	Open Tool	<u>2:02P</u> M	
B First Initial Flow Pressure	<u>121</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>653</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1110</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>717</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>1101</u> P.S.I.			
G Final Closed-in Pressure	<u>1107</u> P.S.I.			
H Final Hydrostatic Mud	<u>2429</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>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>121</u>	<u>0</u> <u>653</u>	<u>0</u> <u>717</u>	<u>0</u> <u>1101</u>			
P 2	<u>5</u> <u>171</u>	<u>3</u> <u>1095</u>	<u>5</u> <u>738</u>	<u>3</u> <u>1107</u>			
P 3	<u>10</u> <u>264</u>	<u>6</u> <u>1104</u>	<u>10</u> <u>804</u>	<u>6</u> <u>1107</u>			
P 4	<u>15</u> <u>360</u>	<u>9</u> <u>1105</u>	<u>15</u> <u>863</u>	<u>9</u> <u>1107</u>			
P 5	<u>20</u> <u>458</u>	<u>12</u> <u>1106</u>	<u>20</u> <u>917</u>	<u>12</u> <u>1107</u>			
P 6	<u>25</u> <u>546</u>	<u>15</u> <u>1106</u>	<u>25</u> <u>960</u>	<u>15</u> <u>1107</u>			
P 7	<u>30</u> <u>653</u>	<u>18</u> <u>1107</u>	<u>30</u> <u>994</u>	<u>18</u> <u>1107</u>			
P 8		<u>21</u> <u>1107</u>	<u>35</u> <u>1024</u>	<u>21</u> <u>1107</u>			
P 9		<u>24</u> <u>1108</u>	<u>40</u> <u>1050</u>	<u>24</u> <u>1107</u>			
P10		<u>27</u> <u>1109</u>	<u>45</u> <u>1068</u>	<u>27</u> <u>1107</u>			
P11		<u>30</u> <u>1110</u>	<u>50</u> <u>1083</u>	<u>30</u> <u>1107</u>			
P12			<u>55</u> <u>1095</u>	<u>33</u> <u>1107</u>			
P13			<u>60</u> <u>1101</u>	<u>36</u> <u>1107</u>			
P14				<u>39</u> <u>1107</u>			
P15				<u>42</u> <u>1107</u>			
P16				<u>45</u> <u>1107</u>			
P17				<u>48</u> <u>1107</u>			
P18				<u>51</u> <u>1107</u>			
P19				<u>54</u> <u>1107</u>			
P20				<u>57</u> <u>1107</u>			
				<u>60</u> <u>1107</u>			

+Kt# 25303  
I





Home Office: Great Bend, Kansas  
P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Kinzie #2  
Elevation 1905 Derrick Floor Formation - Effective Pay - Ft. Ticket No. 25304  
Date 4-13-75 Sec. 23 Twp. 29S Range 13W County Pratt State Kansas  
Test Approved by Sam Farmer Western Representative Bob Anthony

Formation Test No. 3 O.K.  Misrun  Interval Tested From 4620' to 4672' Total Depth 4672'  
Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Top Packer Depth 4615 Ft. Size 6 3/4 Bottom Packer Depth 4620 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 52 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4664 Ft. Clock No. 6894 Depth 4667 Ft. Clock No. 8376  
Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside  
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 5:03 P M  
Tool Open I.F.P. From 5:05P M. to 5:35P M. - Hr. 30 Min. From (B) 70 P.S.I. To (C) 60 P.S.I.  
Tool Closed I.C.I.P. From 5:35P M. to 6:05P M. - Hr. 30 Min (D) 134 P.S.I.  
Tool Open F.F.P. From 6:05P M. to 6:35P M. - Hr. 30 Min. From (E) 79 P.S.I. To (F) 66 P.S.I.  
Tool Closed F.C.I.P. From 6:35P M. to 7:05P M. - Hr. 30 Min. (G) 117 P.S.I.  
Initial Hydrostatic Pressure (A) 2345 P.S.I. Final Hydrostatic Pressure (H) 2318 P.S.I. Maximum Temp. 125

INFORMATION

BLOW Good, decreasing on initial flow period. Weak, decreasing on final flow period.

Did Well Flow  Yes  No Recovery Total Ft. 200' gas, 32' mud with light show of oil.

Reversed Out  Yes  No Mud Type Starch Viscosity 43 Weight 9.7 Water Loss 12.4 cc. Chlorides 59,000 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 D.R. Lauck Rig #1 Length Drill Pipe? 4620 Ft. I.D. Drill Pipe 3.2 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 72 Ft.

Remarks:

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 4-13-75 Test Ticket No. 25304  
 Recorder No. 2606 Capacity 4150 Location 4664 Ft.  
 Clock No. 6894 Elevation 1905 Derrick Floor Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<b>2345</b> P.S.I.	Open Tool	<b>5:03P</b> M	
B First Initial Flow Pressure	<b>70</b> P.S.I.	First Flow Pressure	<b>30</b> Mins.	<b>30</b> Mins.
C First Final Flow Pressure	<b>60</b> P.S.I.	Initial Closed-in Pressure	<b>30</b> Mins.	<b>27</b> Mins.
D Initial Closed-in Pressure	<b>134</b> P.S.I.	Second Flow Pressure	<b>30</b> Mins.	<b>30</b> Mins.
E Second Initial Flow Pressure	<b>79</b> P.S.I.	Final Closed-in Pressure	<b>30</b> Mins.	<b>30</b> Mins.
F Second Final Flow Pressure	<b>66</b> P.S.I.			
G Final Closed-in Pressure	<b>117</b> P.S.I.			
H Final Hydrostatic Mud	<b>2318</b> 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>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>70</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>79</u>	<u>0</u>	<u>66</u>
P 2 <u>5</u>	<u>60</u>	<u>3</u>	<u>67</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>69</u>
P 3 <u>10</u>	<u>60</u>	<u>6</u>	<u>73</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>73</u>
P 4 <u>15</u>	<u>60</u>	<u>9</u>	<u>81</u>	<u>15</u>	<u>66</u>	<u>9</u>	<u>76</u>
P 5 <u>20</u>	<u>60</u>	<u>12</u>	<u>87</u>	<u>20</u>	<u>66</u>	<u>12</u>	<u>81</u>
P 6 <u>25</u>	<u>60</u>	<u>15</u>	<u>96</u>	<u>25</u>	<u>66</u>	<u>15</u>	<u>87</u>
P 7 <u>30</u>	<u>60</u>	<u>18</u>	<u>106</u>	<u>30</u>	<u>66</u>	<u>18</u>	<u>92</u>
P 8		<u>21</u>	<u>114</u>			<u>21</u>	<u>98</u>
P 9		<u>24</u>	<u>123</u>			<u>24</u>	<u>103</u>
P10		<u>27</u>	<u>134</u>			<u>27</u>	<u>110</u>
P11						<u>30</u>	<u>117</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

kt # 25304

I

H

A

G

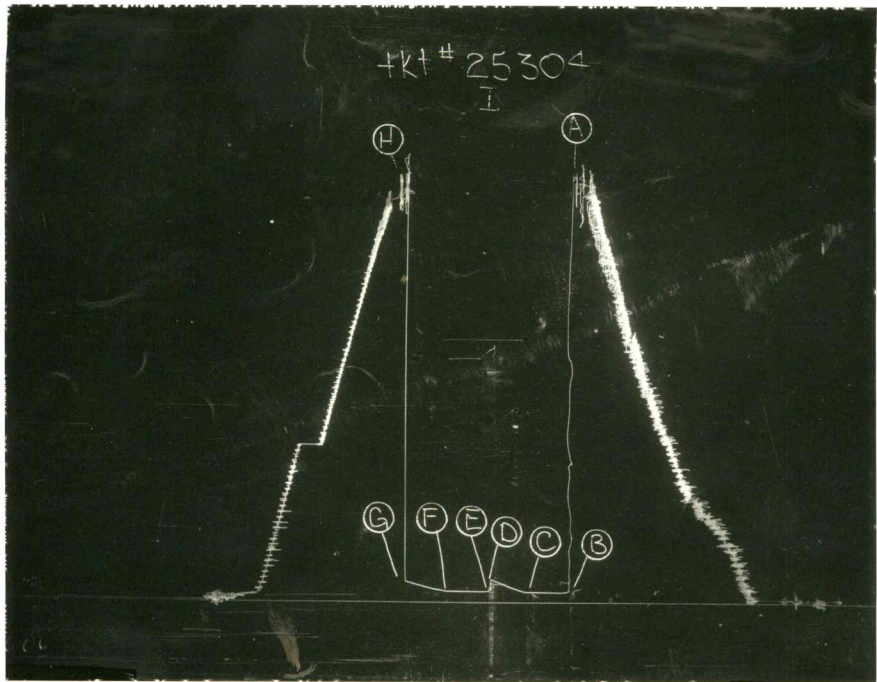
F

E

D

C

B





Home Office: Great Bend, Kansas  
P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Kinzie #2  
Elevation 1905 Derrick Floor Formation Arbuckle Effective Pay - Ft. Ticket No. 25305  
Date 4-14-75 Sec. 23 Twp. 29S Range 13W County Pratt State Kansas  
Test Approved by Sam Farmer Western Representative Bob Anthony

Formation Test No. 4 O.K.  Misrun  Interval Tested From 4670' to 4676' Total Depth 4676'  
Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Top Packer Depth 4665 Ft. Size 6 3/4 Bottom Packer Depth 4670 Ft. Size 6 3/4  
Straddle  Conv.  B.T.  Damaged  Yes  No Packer Depth - Ft. Size -  
Tool Size 5/8 OD Tool Joint Size 4 1/2 FH Anchor Length 6 Ft. Size 5/8 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4673 Ft. Clock No. 6894 Depth 4676 Ft. Clock No. 8376  
Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside  
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 8:33A M  
Tool Open I.F.P. From 8:35A M. to 9:05A M. - Hr. 30 Min. From (B) 56 P.S.I. To (C) 48 P.S.I.  
Tool Closed I.C.I.P. From 9:05A M. to 9:35A M. - Hr. 30 Min (D) 77 P.S.I.  
Tool Open F.F.P. From 9:35A M. to 9:50A M. - Hr. 15 Min. From (E) 58 P.S.I. To (F) 50 P.S.I.  
Tool Closed F.C.I.P. From 9:50A M. to 10:00A M. - Hr. 10 Min. (G) 50 P.S.I.  
Initial Hydrostatic Pressure (A) 2386 P.S.I. Final Hydrostatic Pressure (H) 2351 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Very weak throughout test.  
Did Well Flow  Yes  No Recovery Total Ft. 15' drilling mud.

Reversed Out  Yes  No Mud Type Starch Viscosity 43 Weight 9.7 Water Loss 12.4 cc. Chlorides 59,000 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 D.R. Lauck Oil Co., Inc. Length Drill Pipe? 4650 Ft. I.D. Drill Pipe 3.2 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 26 Ft.

Remarks:

# WESTERN TESTING CO., INC.

## Pressure Data

Date 4-14-75 Test Ticket No. 25305  
 Recorder No. 2606 Capacity 4150 Location 4673 Ft.  
 Clock No. 6894 Elevation 1905 Derrick Floor Well Temperature 120 °F

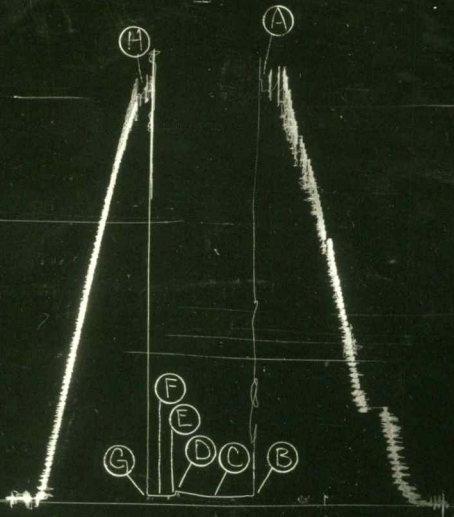
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2386</u>	P.S.I.	<u>8:33A</u>	M
B First Initial Flow Pressure	<u>56</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>48</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>77</u>	P.S.I.	<u>15</u>	Mins. <u>15</u> Mins.
E Second Initial Flow Pressure	<u>58</u>	P.S.I.	<u>10</u>	Mins. <u>9</u> Mins.
F Second Final Flow Pressure	<u>50</u>	P.S.I.		
G Final Closed-in Pressure	<u>50</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2351</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>3</u> Inc.		Breakdown: <u>3</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>56</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>50</u>
P 2	<u>56</u>	<u>3</u>	<u>48</u>	<u>5</u>	<u>50</u>	<u>3</u>	<u>50</u>
P 3	<u>50</u>	<u>6</u>	<u>49</u>	<u>10</u>	<u>50</u>	<u>6</u>	<u>50</u>
P 4	<u>48</u>	<u>9</u>	<u>50</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>50</u>
P 5	<u>48</u>	<u>12</u>	<u>54</u>				
P 6	<u>48</u>	<u>15</u>	<u>58</u>				
P 7	<u>48</u>	<u>18</u>	<u>62</u>				
P 8		<u>21</u>	<u>67</u>				
P 9		<u>24</u>	<u>69</u>				
P10		<u>27</u>	<u>73</u>				
P11		<u>30</u>	<u>77</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

K# 25305

I





Home Office: Great Bend, Kansas  
 P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Kinzie #2  
 Elevation 1905 Derrick Floor Formation Arbuckle Effective Pay - Ft. Ticket No. 25306  
 Date 4-15-75 Sec. 23 Twp. 29S Range 13W County Pratt State Kansas  
 Test Approved by Sam Farmer Western Representative Bob Anthony

Formation Test No. 5 O.K.  Misrun  Interval Tested From 4675' to 4693' Total Depth 4693'  
 Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
 Top Packer Depth 4685 Ft. Size 6 3/4 Bottom Packer Depth 4688 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 18 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4685 Ft. Clock No. 6894 Depth 4688 Ft. Clock No. 9376  
 Top Make Kuster Cap. 4150 No. 2606 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside  
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 2:28 A M  
 Tool Open I.F.P. From 2:30A M. to 3:00A M. - Hr. 30 Min. From (B) 52 P.S.I. To (C) 63 P.S.I.  
 Tool Closed I.C.I.P. From 3:00A M. to 3:30A M. - Hr. 30 Min (D) 1097 P.S.I.  
 Tool Open F.F.P. From 3:30A M. to 4:30A M. - Hr. 60 Min. From (E) 99 P.S.I. To (F) 127 P.S.I.  
 Tool Closed F.C.I.P. From 4:30A M. to 5:30A M. - Hr. 60 Min. (G) 1115 P.S.I.  
 Initial Hydrostatic Pressure (A) 2517 P.S.I. Final Hydrostatic Pressure (H) 2475 P.S.I. Maximum Temp. 122

**INFORMATION**

BLOW Very strong throughout test.  
 Did Well Flow  Yes  No Recovery Total Ft. 143' heavy oil cut mud, 128' oil cut water.

Reversed Out  Yes  No Mud Type Starch Viscosity 42 Weight 9.6 Water Loss 14.4 cc. Chlorides 51,000 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 D.R. Lauck Oil Co., Inc. Length Drill Pipe? 4655 Ft. I.D. Drill Pipe 3.7 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 38 Ft.

Remarks: 2790' gas in pipe.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 4-15-75 Test Ticket No. 25306  
 Recorder No. 2606 Capacity 4150 Location 4685 Ft.  
 Clock No. 6894 Elevation 1905 Derrick Floor Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2517</u> P.S.I.	Open Tool	<u>2:28 A</u> M	
B First Initial Flow Pressure	<u>52</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>63</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1097</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>99</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>127</u> P.S.I.			
G Final Closed-in Pressure	<u>1115</u> P.S.I.			
H Final Hydrostatic Mud	<u>2475</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	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>52</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>99</u>	<u>0</u>	<u>127</u>	
P 2 <u>5</u>	<u>42</u>	<u>3</u>	<u>123</u>	<u>5</u>	<u>89</u>	<u>3</u>	<u>289</u>	
P 3 <u>10</u>	<u>44</u>	<u>6</u>	<u>239</u>	<u>10</u>	<u>92</u>	<u>6</u>	<u>494</u>	
P 4 <u>15</u>	<u>48</u>	<u>9</u>	<u>446</u>	<u>15</u>	<u>92</u>	<u>12</u>	<u>837</u>	
P 5 <u>20</u>	<u>52</u>	<u>12</u>	<u>717</u>	<u>20</u>	<u>94</u>	<u>15</u>	<u>918</u>	
P 6 <u>25</u>	<u>58</u>	<u>15</u>	<u>886</u>	<u>25</u>	<u>98</u>	<u>18</u>	<u>965</u>	
P 7 <u>30</u>	<u>63</u>	<u>18</u>	<u>979</u>	<u>25</u>	<u>98</u>	<u>21</u>	<u>996</u>	
P 8		<u>21</u>	<u>1027</u>	<u>30</u>	<u>102</u>	<u>24</u>	<u>1019</u>	
P 9		<u>24</u>	<u>1056</u>	<u>35</u>	<u>106</u>	<u>28</u>	<u>1033</u>	
P10		<u>27</u>	<u>1075</u>	<u>40</u>	<u>110</u>	<u>30</u>	<u>1050</u>	
P11		<u>30</u>	<u>1097</u>	<u>45</u>	<u>116</u>	<u>33</u>	<u>1062</u>	
P12				<u>50</u>	<u>121</u>	<u>36</u>	<u>1070</u>	
P13				<u>55</u>	<u>125</u>	<u>39</u>	<u>1079</u>	
P14				<u>60</u>	<u>127</u>	<u>42</u>	<u>1087</u>	
P15						<u>45</u>	<u>1093</u>	
P16						<u>48</u>	<u>1097</u>	
P17						<u>51</u>	<u>1104</u>	
P18						<u>54</u>	<u>1108</u>	
P19						<u>57</u>	<u>1112</u>	
P20						<u>60</u>	<u>1115</u>	

+Kt#25306

