



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

Company K. & E. Drilling Company Lease & Well No. Parkin #3  
Elevation 2215 Derrick F100or Formation Mississippi Ticket Number 6669  
Date Oct. 7, 1966 Sec. 4 Twp. 30s Range 18w County Kiowa State Kansas  
Test Approved by Harold Steincamp Western Representative Leon Elmore

Formation Test No. 2 O.K.  Misrun \_\_\_\_\_ Interval Tested From 4970' to 5005' Total Depth 5005'  
Size Main Hole 7 7/8 Rat Hole \_\_\_\_\_ Conv.  B.T. \_\_\_\_\_ Damaged Yes  No \_\_\_\_\_ Conv. \_\_\_\_\_ B.T.  Damaged Yes  No \_\_\_\_\_  
Packer Depth 4965 Ft. Size 6 3/4 Packer Depth 4970 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 FH Anchor Length 35 Ft. Size 5 1/2 OD

RECORDERS Depth 4996 Ft. Clock No. 5665 Depth 4999 Ft. Clock No. 6894  
Top Make Kuster Cap. 4400 No. 2603 Inside Inside Bottom Make Kuster Cap. 4200 No. 1559 Inside Inside  
Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ Inside \_\_\_\_\_ Depth \_\_\_\_\_ Ft. Clock No. \_\_\_\_\_ Outside \_\_\_\_\_  
Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Outside \_\_\_\_\_ Bottom Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_

Time Set Packer 4:54 P M \_\_\_\_\_  
Tool Open I.F.P. From 4:56 M to 5:11 M Hr. 15 Min. From (B) 107 P.S.I. To (C) 109 P.S.I.  
Tool Closed I.C.I.P. From 5:11 M. to 5:56 M. Hr. 45 Min. (D) 1642 P.S.I.  
Tool Open F.F.P. From 5:56 M. to 8:06 M. 2 Hr. 10 Min. From (E) 120 P.S.I. To (F) 136 P.S.I.  
Tool Closed F.C.I.P. From 8:06 M. to 8:51 M. Hr. 45 Min. (G) 1640 P.S.I.  
Initial Hydrostatic Pressure (A) 2778 P.S.I. Final Hydrostatic Pressure (H) 2751 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. \_\_\_\_\_ Time \_\_\_\_\_ Description of Flow \_\_\_\_\_  
INFORMATION \_\_\_\_\_ M. \_\_\_\_\_  
(SEE ATTACHED SHEET) \_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_

BLOW STRONG Bottom Choke Size 3/4 In.  
Did Well Flow Yes  No \_\_\_\_\_ Recovery Total Ft. 190' gas cut mud

Reversed Out Yes  No \_\_\_\_\_ Mud Type starch Viscosity 51 Weight 9.8 Maximum Temp. 121 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Jars: Size 3 1/2 OD Make Bowen Ser. No. 2955

Type Circ. Sub. plug Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes

Length Drill Pipe 3876 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1029 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 339 ft.

I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 64 ft.

Remarks Gas to surface in seven minutes.

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

Date October 7, 1966 Test Ticket No. 6669  
 Recorder No. 2603 Capacity 4400 Location 4996 Ft.  
 Clock No. 5665 Elevation 2215 Derrick Floor Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<b>2778</b>	P.S.I.	<b>4:54 P</b>	M
B First Initial Flow Pressure	<b>107</b>	P.S.I.	<b>15</b>	Mins. <b>14</b> Mins.
C First Final Flow Pressure	<b>109</b>	P.S.I.	<b>45</b>	Mins. <b>45</b> Mins.
D Initial Closed-in Pressure	<b>1642</b>	P.S.I.	<b>130</b>	Mins. <b>128</b> Mins.
E Second Initial Flow Pressure	<b>120</b>	P.S.I.	<b>45</b>	Mins. <b>46</b> Mins.
F Second Final Flow Pressure	<b>136</b>	P.S.I.		
G Final Closed-in Pressure	<b>1640</b>	P.S.I.		
H Final Hydrostatic Mud	<b>2751</b>	P.S.I.		

**PRESSURE BREAKDOWN**

**First Flow Press.**  
 Breakdown: 2 Inc.  
 of 5 mins. and a  
 final inc. of 4 Min.

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

**Second Flow Pressure**  
 Breakdown: 25 Inc.  
 of 5 mins. and a  
 final inc. of 3 Min.

**Final Shut-In**  
 Breakdown: 15 Inc.  
 of 3 mins. and a  
 final inc. of 1 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>107</u>	<u>0</u>	<u>109</u>	<u>0</u>	<u>120</u>	<u>0</u>	<u>136</u>
P 2 <u>5</u>	<u>109</u>	<u>3</u>	<u>448</u>	<u>5</u>	<u>120</u>	<u>3</u>	<u>417</u>
P 3 <u>10</u>	<u>109</u>	<u>6</u>	<u>873</u>	<u>10</u>	<u>120</u>	<u>6</u>	<u>738</u>
P 4 <u>14</u>	<u>109</u>	<u>9</u>	<u>1482</u>	<u>15</u>	<u>122</u>	<u>9</u>	<u>1104</u>
P 5 _____		<u>12</u>	<u>1582</u>	<u>20</u>	<u>127</u>	<u>12</u>	<u>1430</u>
P 6 _____		<u>15</u>	<u>1613</u>	<u>25</u>	<u>128</u>	<u>15</u>	<u>1577</u>
P 7 _____		<u>18</u>	<u>1626</u>	<u>30</u>	<u>129</u>	<u>18</u>	<u>1613</u>
P 8 _____		<u>21</u>	<u>1631</u>	<u>35</u>	<u>131</u>	<u>21</u>	<u>1626</u>
P 9 _____		<u>24</u>	<u>1635</u>	<u>40</u>	<u>132</u>	<u>24</u>	<u>1635</u>
P 10 _____		<u>27</u>	<u>1637</u>	<u>45</u>	<u>133</u>	<u>27</u>	<u>1637</u>
P 11 _____		<u>30</u>	<u>1638</u>	<u>50</u>	<u>134</u>	<u>30</u>	<u>1639</u>
P 12 _____		<u>33</u>	<u>1639</u>	<u>55</u>	<u>135</u>	<u>33</u>	<u>1639</u>
P 13 _____		<u>36</u>	<u>1639</u>	<u>60</u>	<u>136</u>	<u>36</u>	<u>1639</u>
P 14 _____		<u>39</u>	<u>1640</u>	<u>65</u>	<u>136</u>	<u>39</u>	<u>1640</u>
P 15 _____		<u>42</u>	<u>1642</u>	<u>70</u>	<u>136</u>	<u>42</u>	<u>1640</u>
P 16 _____		<u>45</u>	<u>1642</u>	<u>75</u>	<u>136</u>	<u>45</u>	<u>1640</u>
P 17 _____				<u>80</u>	<u>136</u>	<u>46</u>	<u>1640</u>
P 18 _____				<u>85</u>	<u>136</u>		
P 19 _____				<u>90</u>	<u>136</u>		
P 20 _____				<u>95</u>	<u>136</u>		
				<u>100</u>	<u>136</u>		
				<u>105</u>	<u>136</u>		
				<u>110</u>	<u>136</u>		
				<u>115</u>	<u>136</u>		
				<u>120</u>	<u>136</u>		
				<u>125</u>	<u>136</u>		
				<u>128</u>	<u>136</u>		