



Home Office
P. O. BOX 1599
WICHITA, KANSAS 67201

Company **O. A. Sutton** Lease & Well No. **Lenertz #1**
Elevation **2094' Kelly Bushing** Formation **Kansas City** Effective Pay _____ Ft. Ticket No. **21038**
Date **12-2-74** Sec. **14** Twp. **32S** Range **17W** County **Comanche** State **Kansas**
Test Approved by **Charles I. Slagle** Western Representative **Forrest Purnell**
Formation Test No. **1** O.K. ☒ Misrun _____ Interval Tested From **4662'** to **4685'** Total Depth **4685'**
Size Main Hole **7 7/8"** Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Top Packer Depth **4657** Ft. Size **6 3/4"** Bottom Packer Depth **4662** Ft. Size **6 3/4"**
Straddle **No** Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____
Tool Size **5 1/2 O.D.** Tool Joint Size **4 1/2 F.H.** Anchor Length **23** Ft. Size **5 1/2 O.D.** Surface Choke Size **3/4** In. Bottom Choke Size **3/4** In.
RECORDERS Depth **4679** Ft. Clock No. **9727** Depth **4681** Ft. Clock No. **9103**
Top Make **Kuster** Cap. **4300** No. **1566** Inside _____ Outside _____ Bottom Make **Kuster** Cap. **3200** No. **1561** Inside _____ Outside _____
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside _____ Outside _____ Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside _____ Outside _____
Time Set Packer **6:10 A**
Tool Open I.F.P. From **6:15 A** M. to **6:45 A** M. Hr. **30** Min. From (B) **54** P.S.I. To (C) **76** P.S.I.
Tool Closed I.C.I.P. From **6:45 A** M. to **7:30 A** M. Hr. **45** Min (D) **1614** P.S.I.
Tool Open F.F.P. From **7:30 A** M. to **8:30 A** M. Hr. **60** Min. From (E) **119** P.S.I. To (F) **157** P.S.I.
Tool Closed F.C.I.P. From **8:30 A** M. to **9:15 A** M. Hr. **45** Min. (G) **1500** P.S.I.
Initial Hydrostatic Pressure (A) **2483** P.S.I. Final Hydrostatic Pressure (H) **2250** P.S.I. Maximum Temp. **120**

INFORMATION

BLOW **Weak blow increasing to a strong blow during test**

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **120 feet of thin gassy drilling mud**
60 feet of gassy mud
180 feet of gassy muddy water

Reversed Out _____ Yes ☒ No _____ Mud Type **starch** Viscosity **48** Weight **9.5** Water Loss _____ cc. Chlorides _____

EXTRA EQUIPMENT: Type Circ. Sub. **Pin** Safety Joint **No** Jars: Size _____ In. Make _____ Ser. No. _____

Dual Packer **Yes** Did Packers Hold? **Yes** Did Tool Plug? **No** Where? _____

DRILLING CONTRACTOR **Gabbert-Jones Drilling** Length Drill Pipe? **4204** Ft. I.D. Drill Pipe **3.8** In. Tool Joint Size **4 1/2 F.H.**

Length Weight Pipe _____ Ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars **437** Ft. I.D. Drill Collars **2.5** In.

Tool Joint Size **4 1/2 H. 90** Length D.S.T. Tool **44** Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 12-2-74 Test Ticket No. 21038

Recorder No. 1566 Capacity 4300 Location 4679 Ft.

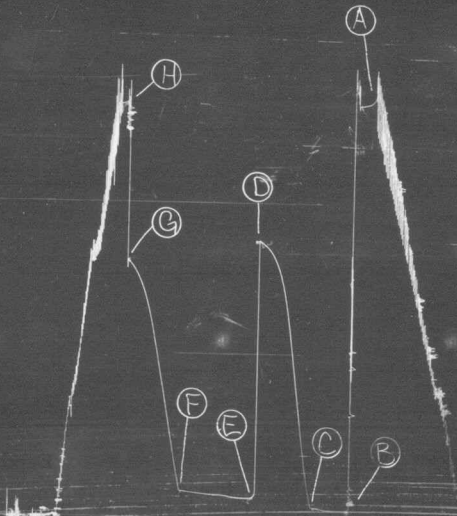
Clock No. 9727 Elevation 2094' Kelly Bushings Well Temperature 120 °F

Point	Pressure		Time Given		Time Computed
A Initial Hydrostatic Mud	2483	P.S.I.	6:10	A _M	
B First Initial Flow Pressure	54	P.S.I.	30	Mins.	30 Mins.
C First Final Flow Pressure	76	P.S.I.	45	Mins.	45 Mins.
D Initial Closed-in Pressure	1614	P.S.I.	60	Mins.	60 Mins.
E Second Initial Flow Pressure	119	P.S.I.	45	Mins.	45 Mins.
F Second Final Flow Pressure	157	P.S.I.			
G Final Closed-in Pressure	1500	P.S.I.			
H Final Hydrostatic Mud	2250	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</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>54</u>	<u>0</u>	<u>76</u>	<u>0</u>	<u>119</u>	<u>0</u>	<u>157</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>184</u>	<u>5</u>	<u>119</u>	<u>3</u>	<u>272</u>
P 3 <u>10</u>	<u>56</u>	<u>6</u>	<u>318</u>	<u>10</u>	<u>121</u>	<u>6</u>	<u>385</u>
P 4 <u>15</u>	<u>56</u>	<u>9</u>	<u>480</u>	<u>15</u>	<u>125</u>	<u>9</u>	<u>504</u>
P 5 <u>20</u>	<u>63</u>	<u>12</u>	<u>648</u>	<u>20</u>	<u>130</u>	<u>12</u>	<u>622</u>
P 6 <u>25</u>	<u>69</u>	<u>15</u>	<u>856</u>	<u>25</u>	<u>136</u>	<u>15</u>	<u>761</u>
P 7 <u>30</u>	<u>76</u>	<u>18</u>	<u>1039</u>	<u>30</u>	<u>136</u>	<u>18</u>	<u>882</u>
P 8		<u>21</u>	<u>1107</u>	<u>35</u>	<u>136</u>	<u>21</u>	<u>1002</u>
P 9		<u>24</u>	<u>1120</u>	<u>40</u>	<u>140</u>	<u>24</u>	<u>1107</u>
P10		<u>27</u>	<u>1429</u>	<u>45</u>	<u>147</u>	<u>27</u>	<u>1214</u>
P11		<u>30</u>	<u>1493</u>	<u>50</u>	<u>151</u>	<u>30</u>	<u>1296</u>
P12		<u>33</u>	<u>1539</u>	<u>55</u>	<u>156</u>	<u>33</u>	<u>1358</u>
P13		<u>36</u>	<u>1567</u>	<u>60</u>	<u>157</u>	<u>36</u>	<u>1408</u>
P14		<u>39</u>	<u>1591</u>			<u>39</u>	<u>1451</u>
P15		<u>42</u>	<u>1606</u>			<u>42</u>	<u>1476</u>
P16		<u>45</u>	<u>1614</u>			<u>45</u>	<u>1500</u>
P17							
P18							
P19							
P20							

+Kt #21038
I





P. O. BOX 1599
WICHITA, KANSAS 67201

Company **O.A. Sutton** Lease & Well No. **Leneutz #1**
Elevation **2094 Kelly Bush.** Formation **Mississippi** Effective Pay _____ Ft. Ticket No. **20314**
Date **12-5-74** Sec. **14** Twp. **32S** Range **17W** County **Comanche** State **Kansas**
Test Approved by **Charles I. Slagle** Western Representative **Loyal A. Clark**
Formation Test No. **2** O.K. ☒ Misrun ☐ Interval Tested From **5122'** to **5165'** Total Depth **5165'**
Size Main Hole **77/8** Rat Hole ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth **5117** Ft. Size **6 3/4** Bottom Packer Depth **5122** Ft. Size **6 3/4**
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth _____ Ft. Size _____
Tool Size **5 1/20D** Tool Joint Size **4 1/2FH** Anchor Length **43** Ft. Size **5 1/20D** Surface Choke Size **3/4** In. Bottom Choke Size **3/4** In.
RECORDERS Depth **5161** Ft. Clock No. **8378** Depth **5159** Ft. Clock No. **4763**
Top Make **Kuster** Cap. **6200** No. **1562** ☒ Inside ☐ Outside Bottom Make **Kuster** Cap. **6000** No. **1560** ☒ Inside ☐ Outside
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside ☐ Outside ☐ Inside ☐ Outside
Time Set Packer **1:10** P M
Tool Open I.F.P. From **1:10P** M. to **1:40P** M. - Hr. **30** Min. From (B) **63** P.S.I. To (C) **72** P.S.I.
Tool Closed I.C.I.P. From **1:40P** M. to **2:25P** M. - Hr. **45** Min (D) **274** P.S.I.
Tool Open F.F.P. From **2:25P** M. to **3:55P** M. - Hr. **90** Min. From (E) **75** P.S.I. To (F) **174** P.S.I.
Tool Closed F.C.I.P. From **3:55P** M. to **4:40P** M. - Hr. **45** Min. (G) **460** P.S.I.
Initial Hydrostatic Pressure (A) **2763** P.S.I. Final Hydrostatic Pressure (H) **2738** P.S.I. Maximum Temp. **114**

INFORMATION

BLOW **Weak to strong blow, in 15 minutes strong blow throughout test, decreased slightly @ end of test**
Did Well Flow - Yes ☒ No Recovery Total Ft. **75 ft. drilling mud**

Reversed Out - Yes ☒ No Mud Type **starch** Viscosity **49** Weight **9.6** Water Loss **10.** cc. Chlorides **55000**
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 **Gabert & Jones Drlg.** Length Drill Pipe? **478** Ft. I.D. Drill Pipe **3.8** In. Tool Joint Size **4 1/2 FH** In.
Length Weight Pipe **614** Ft. I.D. Weight Pipe **3.2** In. Tool Joint Size **4 1/2 FH** In. Length Drill Collars **477** Ft. I.D. Drill Collars **2.7** In.
Tool Joint Size **2.90** In. Length D.S.T. Tool **68** Ft.
Remarks: **Chart jammed in barrel of 1560**

WESTERN TESTING CO., INC.

Pressure Data

Date 12-5-74 Test Ticket No. 20314
 Recorder No. 1562 Capacity 6200 Location 5161 Ft.
 Clock No. 8378 Elevation 2094-Kelly Bush. Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2763</u>	P.S.I.	<u>1:10</u>	<u>PM</u>
B First Initial Flow Pressure	<u>63</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>72</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>274</u>	P.S.I.	<u>90</u>	Mins. <u>90</u> Mins.
E Second Initial Flow Pressure	<u>75</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
F Second Final Flow Pressure	<u>174</u>	P.S.I.		
G Final Closed-in Pressure	<u>460</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2738</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>15</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>17</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>63</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>75</u>	<u>0</u>	<u>174</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>84</u>	<u>5</u>	<u>78</u>	<u>3</u>	<u>187</u>
P 3 <u>10</u>	<u>67</u>	<u>6</u>	<u>93</u>	<u>10</u>	<u>78</u>	<u>6</u>	<u>205</u>
P 4 <u>15</u>	<u>69</u>	<u>9</u>	<u>105</u>	<u>15</u>	<u>79</u>	<u>9</u>	<u>223</u>
P 5 <u>20</u>	<u>70</u>	<u>12</u>	<u>120</u>	<u>20</u>	<u>79</u>	<u>12</u>	<u>241</u>
P 6 <u>25</u>	<u>71</u>	<u>15</u>	<u>135</u>	<u>25</u>	<u>81</u>	<u>15</u>	<u>259</u>
P 7 <u>30</u>	<u>72</u>	<u>18</u>	<u>151</u>	<u>30</u>	<u>83</u>	<u>18</u>	<u>277</u>
P 8		<u>21</u>	<u>166</u>	<u>35</u>	<u>84</u>	<u>21</u>	<u>295</u>
P 9		<u>24</u>	<u>181</u>	<u>40</u>	<u>84</u>	<u>24</u>	<u>310</u>
P10		<u>27</u>	<u>196</u>	<u>45</u>	<u>84</u>	<u>27</u>	<u>328</u>
P11		<u>30</u>	<u>211</u>	<u>50</u>	<u>84</u>	<u>30</u>	<u>346</u>
P12		<u>33</u>	<u>226</u>	<u>55</u>	<u>93</u>	<u>33</u>	<u>364</u>
P13		<u>36</u>	<u>241</u>	<u>60</u>	<u>99</u>	<u>36</u>	<u>382</u>
P14		<u>39</u>	<u>253</u>	<u>65</u>	<u>105</u>	<u>39</u>	<u>400</u>
P15		<u>42</u>	<u>262</u>	<u>70</u>	<u>120</u>	<u>42</u>	<u>415</u>
P16		<u>45</u>	<u>274</u>	<u>75</u>	<u>135</u>	<u>45</u>	<u>433</u>
P17				<u>80</u>	<u>157</u>	<u>48</u>	<u>448</u>
P18				<u>85</u>	<u>172</u>	<u>51</u>	<u>460</u>
P19				<u>90</u>	<u>174</u>		
P20							

+Kt #20314
I

(H)

(A)

(G)

(F)

(E)

(D)

(C)

(B)



P. O. BOX 1599
WICHITA, KANSAS 67201

Company O.A. Sutton Lease & Well No. Lenewtz #1
Elevation 2094 Kelly Bush Formation Mississippi Effective Pay - Ft. Ticket No. 20315
Date 12-6-74 Sec. 14 Twp. 32S Range 17W County Comanche State Kansas
Test Approved by Charles I. Slagle Western Representative Loyal A. Clark
Formation Test No. #3 O.K. X Misrun - Interval Tested From 5165' to 5205' Total Depth 5205'
Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. - Damaged - Yes X No Conv. - B.T. - Damaged - Yes X No
Top Packer Depth 5160 Ft. Size 6 3/4 Bottom Packer Depth 5165 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 40 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 5200 Ft. Clock No. 8378 Depth 5198 Ft. Clock No. 4763
Top Make Kuster Cap. 6200 No. 1562 xx Inside Outside Bottom Make Kuster Cap. 6000 No. 1560 xx Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 1:00 P. M
Tool Open I.F.P. From 1:00 P. M. to 1:39 P. M. Hr. 30 Min. From (B) 67 P.S.I. To (C) 87 P.S.I.
Tool Closed I.C.I.P. From 1:30P M. to 2:15P M. Hr. 45 Min (D) 997 P.S.I.
Tool Open F.F.P. From 2:15 P M. to 3:45 P M. Hr. 90 Min. From (E) 102 P.S.I. To (F) 120 P.S.I.
Tool Closed F.C.I.P. From 3:45P M. to 4:30P M. Hr. 45 Min. (G) 695 P.S.I.
Initial Hydrostatic Pressure (A) 2850 P.S.I. Final Hydrostatic Pressure (H) 2772 P.S.I. Maximum Temp. 114

INFORMATION

BLOW Weak to fair blow in 10 minutes Fair blow throughout initial flow period
Strong blow throughout final flow period.
Did Well Flow - Yes X No Recovery Total Ft. 135' Drilling Mud

Reversed Out - Yes X No Mud Type Starch Viscosity 48 Weight 9.5 Water Loss 10. cc. Chlorides 55,000 C.F.P.D.
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 Gabert & Jones Drilling Inc. Length Drill Pipe 4240 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe 614 Ft. I.D. Weight Pipe 3.2 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 474 Ft. I.D. Drill Collars 2.7 In.
Tool Joint Size H-90 In. Length D.S.T. Tool 60 Ft.

Remarks: Read outside chart

WESTERN TESTING CO., INC.

Pressure Data

Date 12-6-74 Test Ticket No. 20315

Recorder No. 1560 Capacity 6000 Location 5198 Ft.

Clock No. 4763 Elevation 2094 Kelly Bush. Well Temperature 114 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2850</u> P.S.I.	<u>1:00 P. M</u>	
B First Initial Flow Pressure	<u>67</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>87</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>997</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>102</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>120</u> P.S.I.		
G Final Closed-in Pressure	<u>695</u> P.S.I.		
H Final Hydrostatic Mud	<u>2772</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>15</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>16</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>87</u>	<u>0</u>	<u>102</u>	<u>0</u>	<u>120</u>
P 2 <u>5</u>	<u>73</u>	<u>3</u>	<u>108</u>	<u>5</u>	<u>104</u>	<u>3</u>	<u>137</u>
P 3 <u>10</u>	<u>76</u>	<u>6</u>	<u>137</u>	<u>10</u>	<u>105</u>	<u>6</u>	<u>158</u>
P 4 <u>15</u>	<u>79</u>	<u>9</u>	<u>175</u>	<u>15</u>	<u>106</u>	<u>9</u>	<u>181</u>
P 5 <u>20</u>	<u>82</u>	<u>12</u>	<u>213</u>	<u>20</u>	<u>107</u>	<u>12</u>	<u>207</u>
P 6 <u>25</u>	<u>85</u>	<u>15</u>	<u>269</u>	<u>25</u>	<u>108</u>	<u>15</u>	<u>237</u>
P 7 <u>30</u>	<u>87</u>	<u>18</u>	<u>321</u>	<u>30</u>	<u>109</u>	<u>18</u>	<u>269</u>
P 8		<u>21</u>	<u>388</u>	<u>35</u>	<u>110</u>	<u>21</u>	<u>301</u>
P 9		<u>24</u>	<u>461</u>	<u>40</u>	<u>111</u>	<u>24</u>	<u>333</u>
P10		<u>27</u>	<u>540</u>	<u>45</u>	<u>112</u>	<u>27</u>	<u>374</u>
P11		<u>30</u>	<u>634</u>	<u>50</u>	<u>113</u>	<u>30</u>	<u>415</u>
P12		<u>33</u>	<u>733</u>	<u>55</u>	<u>114</u>	<u>33</u>	<u>453</u>
P13		<u>36</u>	<u>824</u>	<u>60</u>	<u>115</u>	<u>36</u>	<u>505</u>
P14		<u>39</u>	<u>912</u>	<u>65</u>	<u>116</u>	<u>39</u>	<u>555</u>
P15		<u>42</u>	<u>997</u>	<u>70</u>	<u>117</u>	<u>42</u>	<u>602</u>
P16				<u>75</u>	<u>118</u>	<u>45</u>	<u>660</u>
P17				<u>80</u>	<u>119</u>	<u>48</u>	<u>695</u>
P18				<u>85</u>	<u>119</u>		
P19				<u>90</u>	<u>120</u>		
P20							

4kt # 20315
Outside

