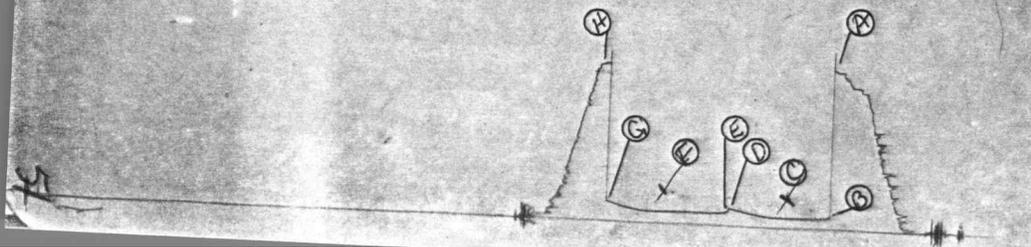


TK+* 22885

I.





Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

Company K & E Petroleum, Inc. Lease & Well No. White #1

Elevation - Formation Herrington Effective Pay - Ft. Ticket No. 22885

Date 12-16-77 Sec. 8 Twp. 19S Range 14W County Barton State Kansas

Test Approved by Frank M. Brooks Western Representative Vernon Wondra

Formation Test No. 1 O.K. Misrun Interval Tested From 1762' to 1800' Total Depth 1800'

Size Main Hole 7-7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No

Top Packer Depth 1757 Ft. Size 6-3/4 Bottom Packer Depth 1762 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 38 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 1790 Ft. Clock No. 6859 Depth 1793 Ft. Clock No. 10412

Top Make Kuster Cap. 4250 No. 1051 ~~Outside~~ ^{Inside} Bottom Make Kuster Cap. 4300 No. 1567 ~~Inside~~ ^{Outside}

Below Straddle: Depth - Rec. No. - Clock No. - ~~Inside~~ ^{Outside} Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ ^{Outside}

Time Set Packer 5:58 P M

Tool Open I.F.P. From 6:00 M. to 6:30 M. - Hr. 30 Min. From (B) 63 P.S.I. To (C) 56 P.S.I.

Tool Closed I.C.I.P. From 6:30 M. to 7:15 M. - Hr. 45 Min (D) 99 P.S.I.

Tool Open F.F.P. From 7:15 M. to 8:00 M. - Hr. 45 Min. From (E) 75 P.S.I. To (F) 68 P.S.I.

Tool Closed F.C.I.P. From 8:00 M. to 8:45 M. - Hr. 45 Min. (G) 112 P.S.I.

Initial Hydrostatic Pressure (A) 894 P.S.I. Final Hydrostatic Pressure (H) 885 P.S.I. Maximum Temp. 80°

INFORMATION

BLOW Weak 2" blow throughout Initial Flow Period. Good 7" blow throughout Final Flow Period.

Did Well Flow - Yes No Recovery Total Ft. 10' Mud.

Reversed Out - Yes No Mud Type Premix Viscosity 32 Weight 9.9 Water Loss 76.0 cc. Chlorides 125,000 P.P.M.

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 Abercrombie drlg. Co. Length Drill Pipe? 1019 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 4" FH In.

Length Weight Pipe 721 Ft. I.D. Weight Pipe 2.4 In. Tool Joint Size 4" FH. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 60 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 12-16-77

Test Ticket No. 22885

Recorder No. 1051 Capacity 4250

Location 1790 Ft.

Clock No. 6859 Elevation -

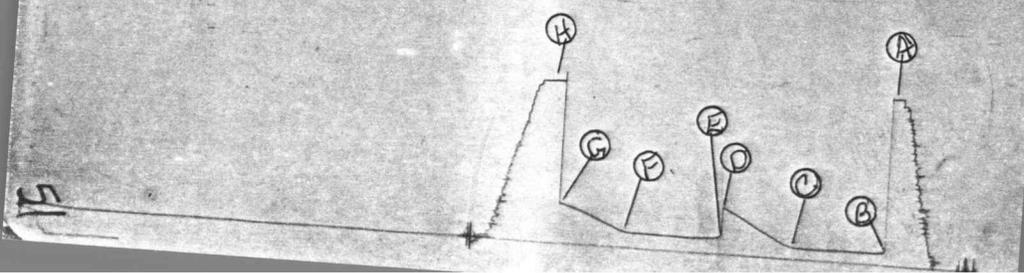
Well Temperature 80 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	894	P.S.I.	Open Tool	5:58 P M	
B First Initial Flow Pressure	63	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	56	P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D Initial Closed-in Pressure	99	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	75	P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F Second Final Flow Pressure	68	P.S.I.			
G Final Closed-in Pressure	112	P.S.I.			
H Final Hydrostatic Mud	885	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>14</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>56</u>	<u>0</u>	<u>75</u>	<u>0</u>	<u>68</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>56</u>	<u>5</u>	<u>69</u>	<u>3</u>	<u>68</u>
P 3 <u>10</u>	<u>56</u>	<u>6</u>	<u>56</u>	<u>10</u>	<u>68</u>	<u>6</u>	<u>68</u>
P 4 <u>15</u>	<u>56</u>	<u>9</u>	<u>56</u>	<u>15</u>	<u>68</u>	<u>9</u>	<u>68</u>
P 5 <u>20</u>	<u>56</u>	<u>12</u>	<u>56</u>	<u>20</u>	<u>68</u>	<u>12</u>	<u>68</u>
P 6 <u>25</u>	<u>56</u>	<u>15</u>	<u>58</u>	<u>25</u>	<u>68</u>	<u>15</u>	<u>69</u>
P 7 <u>30</u>	<u>56</u>	<u>18</u>	<u>62</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>71</u>
P 8		<u>21</u>	<u>66</u>	<u>35</u>	<u>68</u>	<u>21</u>	<u>75</u>
P 9		<u>24</u>	<u>70</u>	<u>40</u>	<u>68</u>	<u>24</u>	<u>78</u>
P10		<u>27</u>	<u>73</u>	<u>45</u>	<u>68</u>	<u>27</u>	<u>84</u>
P11		<u>30</u>	<u>78</u>			<u>30</u>	<u>89</u>
P12		<u>33</u>	<u>83</u>			<u>33</u>	<u>96</u>
P13		<u>36</u>	<u>88</u>			<u>36</u>	<u>101</u>
P14		<u>39</u>	<u>93</u>			<u>39</u>	<u>109</u>
P15		<u>42</u>	<u>99</u>			<u>42</u>	<u>112</u>
P16							
P17							
P18							
P19							
P20							

TK# 22884
I.





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company K & E Petroleum, Inc. Lease & Well No. White #1
Elevation - Formation Winfield Effective Pay - Ft. Ticket No. 22886
Date 12-17-77 Sec. 8 Twp. 19S Range 14W County Barton State Kansas
Test Approved by Frank M. Brooks Western Representative Vernon Wondra

Formation Test No. 2 O.K. Misrun Interval Tested From 1803' to 1834' Total Depth 1834'
Size Main Hole 7-7/8 Rat Hole - Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 1798 Ft. Size 6-3/4 Bottom Packer Depth 1803 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 31 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS	Depth <u>1826</u> Ft.	Clock No. <u>6859</u>	Depth <u>1829</u> Ft.	Clock No. <u>10412</u>
	Top Make <u>Kuster</u> Cap. <u>4250</u> No. <u>1051</u>	<input type="checkbox"/> Inside <input checked="" type="checkbox"/> Outside	Bottom Make <u>Kuster</u> Cap. <u>4300</u> No. <u>1567</u>	<input type="checkbox"/> Inside <input checked="" type="checkbox"/> Outside
Below Straddle:	Depth <u>-</u> Rec. No. <u>-</u> Clock No. <u>-</u>	<input type="checkbox"/> Inside <input checked="" type="checkbox"/> Outside	Depth <u>-</u> Ft. Rec. No. <u>-</u> Clock No. <u>-</u>	<input type="checkbox"/> Inside <input checked="" type="checkbox"/> Outside

Time Set Packer 4:08 A _____ M
Tool Open I.F.P. From 4:10 M. to 5:10 M. - Hr. 60 Min. From (B) 71 P.S.I. To (C) 65 P.S.I.
Tool Closed I.C.I.P. From 5:10 M. to 6:10 M. - Hr. 60 Min (D) 268 P.S.I.
Tool Open F.F.P. From 6:10 M. to 7:10 M. - Hr. 60 Min. From (E) 99 P.S.I. To (F) 86 P.S.I.
Tool Closed F.C.I.P. From 7:10 M. to 8:10 M. - Hr. 60 Min. (G) 230 P.S.I.
Initial Hydrostatic Pressure (A) 941 P.S.I. Final Hydrostatic Pressure (H) 920 P.S.I. Maximum Temp. 82°

INFORMATION

BLOW Strong blow throughout test.
Did Well Flow Yes No Recovery Total Ft. 75' Thin Mud -

Reversed Out Yes No Mud Type Premix Viscosity 32 Weight 9.9 Water Loss 76.0 cc. Chlorides 125,000 P.P.M.
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 Abercrombie Drlg. Co. Length Drill Pipe? 1060 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 4"FH In.
Rig. #10
Length Weight Pipe 721 Ft. I.D. Weight Pipe 2.4 In. Tool Joint Size 4"FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.
Tool Joint Size - In. Length D.S.T. Tool 53 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 12-17-77 Test Ticket No. 22886
 Recorder No. 1051 Capacity 4250 Location 1826 Ft.
 Clock No. 6859 Elevation - Well Temperature 82 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>941</u> P.S.I.	Open Tool	<u>4:08A</u>	<u>M</u>
B First Initial Flow Pressure	<u>71</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>65</u> Mins.
C First Final Flow Pressure	<u>65</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>54</u> Mins.
D Initial Closed-in Pressure	<u>268</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>65</u> Mins.
E Second Initial Flow Pressure	<u>99</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>51</u> Mins.
F Second Final Flow Pressure	<u>86</u> P.S.I.			
G Final Closed-in Pressure	<u>230</u> P.S.I.			
H Final Hydrostatic Mud	<u>920</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 final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a 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>71</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>99</u>	<u>0</u>	<u>86</u>	
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>71</u>	<u>5</u>	<u>88</u>	<u>3</u>	<u>90</u>	
P 3 <u>10</u>	<u>65</u>	<u>6</u>	<u>77</u>	<u>10</u>	<u>86</u>	<u>6</u>	<u>97</u>	
P 4 <u>15</u>	<u>65</u>	<u>9</u>	<u>89</u>	<u>15</u>	<u>84</u>	<u>9</u>	<u>106</u>	
P 5 <u>20</u>	<u>65</u>	<u>12</u>	<u>100</u>	<u>20</u>	<u>84</u>	<u>12</u>	<u>116</u>	
P 6 <u>25</u>	<u>65</u>	<u>15</u>	<u>113</u>	<u>25</u>	<u>84</u>	<u>15</u>	<u>126</u>	
P 7 <u>30</u>	<u>65</u>	<u>18</u>	<u>126</u>	<u>30</u>	<u>84</u>	<u>18</u>	<u>136</u>	
P 8 <u>35</u>	<u>62</u>	<u>21</u>	<u>138</u>	<u>35</u>	<u>84</u>	<u>21</u>	<u>146</u>	
P 9 <u>40</u>	<u>62</u>	<u>24</u>	<u>151</u>	<u>40</u>	<u>84</u>	<u>24</u>	<u>156</u>	
P10 <u>45</u>	<u>62</u>	<u>27</u>	<u>163</u>	<u>45</u>	<u>84</u>	<u>27</u>	<u>166</u>	
P11 <u>50</u>	<u>62</u>	<u>30</u>	<u>176</u>	<u>50</u>	<u>86</u>	<u>30</u>	<u>178</u>	
P12 <u>55</u>	<u>62</u>	<u>33</u>	<u>192</u>	<u>55</u>	<u>86</u>	<u>33</u>	<u>187</u>	
P13 <u>60</u>	<u>62</u>	<u>36</u>	<u>204</u>	<u>60</u>	<u>86</u>	<u>36</u>	<u>195</u>	
P14 <u>65</u>	<u>65</u>	<u>39</u>	<u>217</u>	<u>65</u>	<u>86</u>	<u>39</u>	<u>202</u>	
P15		<u>42</u>	<u>229</u>			<u>42</u>	<u>211</u>	
P16		<u>45</u>	<u>241</u>			<u>45</u>	<u>217</u>	
P17		<u>48</u>	<u>252</u>			<u>48</u>	<u>224</u>	
P18		<u>51</u>	<u>261</u>			<u>51</u>	<u>230</u>	
P19		<u>54</u>	<u>268</u>					
P20								