



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

Company Clarke Corporation Lease & Well No. Tedrow #2
Elevation 1626 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 23776
Date 6-12-75 Sec. 28 Twp. 32S Range 12W County Barber State Kansas
Test Approved by J. Corry Tinsmon Western Representative Bob Anthony
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4443' to 4455' Total Depth 4455'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4438 Ft. Size 6 3/4 Bottom Packer Depth 4443 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 12 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4447 Ft. Clock No. 6899 Depth 4450 Ft. Clock No. 6895
Top Make Kuster Cap. 4000 No. 3660 Inside - Outside - Bottom Make Kuster Cap. 4000 No. 3659 Inside - Outside -
Below Straddle: Depth - Rec. No. - Clock No. - Inside - Outside - Depth - Ft. Rec. No. - Clock No. - Inside - Outside -
Time Set Packer 7:23 A M
Tool Open I.F.P. From 7:25A M. to 7:45A M. - Hr. 20 Min. From (B) 38 P.S.I. To (C) 58 P.S.I.
Tool Closed I.C.I.P. From 7:45A M. to 8:45A M. - Hr. 60 Min (D) 1484 P.S.I.
Tool Open F.F.P. From 8:45A M. to 10:15A M. - Hr. 90 Min. From (E) 45 P.S.I. To (F) 82 P.S.I.
Tool Closed F.C.I.P. From 10:15A to 11:15A M. - Hr. 60 Min. (G) 1369 P.S.I.
Initial Hydrostatic Pressure (A) 2233 P.S.I. Final Hydrostatic Pressure (H) 2200 P.S.I. Maximum Temp. 121

INFORMATION

BLOW Very strong blow. Gas to surface in 22 minutes.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 300' total fluid, 60' gassy oil cut mud, 240' very gassy-heavy oil & gas cut mud.
Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 51 Weight 9.5 Water Loss 15.2 cc. Chlorides 61,000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 3 1/2 In. Make WTC Ser. No. 407
Dual Packer Yes Did Packers Hold? ☐ Did Tool Plug? ☐ Where? -
DRILLING CONTRACTOR Gabbert & Jones #3 Length Drill Pipe? - 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 40 Ft.
Remarks: Outside recorder stopped.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-12-75 Test Ticket No. 23776
 Recorder No. 3660 Capacity 4000 Location 4447 Ft.
 Clock No. 6899 Elevation 1626 Kelly Bushing Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2233</u>	P.S.I.	<u>7:23 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>38</u>	P.S.I.	<u>20</u>	<u>12</u>
C First Final Flow Pressure	<u>58</u>	P.S.I.	<u>60</u>	<u>57</u>
D Initial Closed-in Pressure	<u>1484</u>	P.S.I.	<u>90</u>	<u>90</u>
E Second Initial Flow Pressure	<u>45</u>	P.S.I.	<u>60</u>	<u>57</u>
F Second Final Flow Pressure	<u>82</u>	P.S.I.		
G Final Closed-in Pressure	<u>1369</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2200</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>19</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>2</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>38</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>45</u>	<u>0</u>	<u>82</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>542</u>	<u>5</u>	<u>52</u>	<u>3</u>	<u>611</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>746</u>	<u>10</u>	<u>54</u>	<u>6</u>	<u>610</u>
P 4 <u>12</u>	<u>58</u>	<u>9</u>	<u>872</u>	<u>15</u>	<u>57</u>	<u>9</u>	<u>927</u>
		<u>12</u>	<u>964</u>	<u>20</u>	<u>60</u>	<u>12</u>	<u>1015</u>
		<u>15</u>	<u>1133</u>	<u>25</u>	<u>61</u>	<u>15</u>	<u>1076</u>
		<u>18</u>	<u>1201</u>	<u>30</u>	<u>63</u>	<u>18</u>	<u>1122</u>
		<u>21</u>	<u>1259</u>	<u>35</u>	<u>64</u>	<u>21</u>	<u>1162</u>
		<u>24</u>	<u>1300</u>	<u>40</u>	<u>66</u>	<u>24</u>	<u>1198</u>
		<u>27</u>	<u>1329</u>	<u>45</u>	<u>68</u>	<u>27</u>	<u>1212</u>
		<u>30</u>	<u>1360</u>	<u>50</u>	<u>70</u>	<u>30</u>	<u>1238</u>
		<u>33</u>	<u>1387</u>	<u>55</u>	<u>72</u>	<u>33</u>	<u>1263</u>
		<u>36</u>	<u>1405</u>	<u>60</u>	<u>73</u>	<u>36</u>	<u>1282</u>
		<u>39</u>	<u>1421</u>	<u>65</u>	<u>75</u>	<u>39</u>	<u>1299</u>
		<u>42</u>	<u>1435</u>	<u>70</u>	<u>76</u>	<u>42</u>	<u>1312</u>
		<u>45</u>	<u>1450</u>	<u>75</u>	<u>78</u>	<u>45</u>	<u>1327</u>
		<u>48</u>	<u>1462</u>	<u>80</u>	<u>79</u>	<u>48</u>	<u>1339</u>
		<u>51</u>	<u>1471</u>	<u>85</u>	<u>81</u>	<u>51</u>	<u>1349</u>
		<u>54</u>	<u>1479</u>	<u>90</u>	<u>82</u>	<u>54</u>	<u>1361</u>
		<u>57</u>	<u>1484</u>			<u>57</u>	<u>1369</u>
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TAT # 23776

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(D)

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(C)

(B)



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

Company Clarke Corporation Lease & Well No. Tedrow #2
Elevation 1626 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 23777
Date 6-13-75 Sec. 28 Twp. 32S Range 12W County Barber State Kansas
Test Approved by J. Corry Tinsmon Western Representative Bob Anthony
Formation Test No. 2 O.K. X Misrun - Interval Tested From 4455' to 4484' Total Depth 4484'
Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Top Packer Depth 4450 Ft. Size 6 3/4 Bottom Packer Depth 4455 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 29 Ft. Size 5/8 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4476 Ft. Clock No. 6899 Depth 4479 Ft. Clock No. 6895
Top Make Kuster Cap. 4000 No. 3660 Inside Outside Bottom Make Kuster Cap. 4000 No. 3659 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 6:53 A M
Tool Open I.F.P. From 6:55A M. to 7:15A M. - Hr. 20 Min. From (B) 93 P.S.I. To (C) 115 P.S.I.
Tool Closed I.C.I.P. From 7:15A M. to 8:15A M. - Hr. 60 Min (D) 1284 P.S.I.
Tool Open F.F.P. From 8:15A M. to 9:15A M. - Hr. 60 Min. From (E) 108 P.S.I. To (F) 166 P.S.I.
Tool Closed F.C.I.P. From 9:15A M. to 10:15A M. - Hr. 60 Min. (G) 1161 P.S.I.
Initial Hydrostatic Pressure (A) 2216 P.S.I. Final Hydrostatic Pressure (H) 2203 P.S.I. Maximum Temp. 123

INFORMATION

BLOW Very strong blow. Gas to surface after tool closed on final opening.

Did Well Flow - Yes X No Recovery Total Ft. 420' total fluid, 360' heavy gassy oil cut mud, 60' oil cut muddy water.

Reversed Out - Yes X No Mud Type Starch Viscosity 49 Weight 9.6 Water Loss 11.2 cc. Chlorides 58,000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint Yes Jars: Size 3 1/2 In. Make WTC Ser. No. 407
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR Gabbert & Jones #3 Length Drill Pipe? 4180 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 360 Ft. I.D. Drill Collars 2.2 In.
Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 56 Ft.
Remarks: 93,000 PPM chlorides.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-13-75 Recorder No. 3660 Capacity 4000 Test Ticket No. 23777
 Clock No. 6899 Elevation 1626 Kelly Bushing Location 4476 Ft.
 Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2216</u>	P.S.I.	<u>6:53 A</u>	
B First Initial Flow Pressure	<u>93</u>	P.S.I.	<u>20</u>	<u>15</u>
C First Final Flow Pressure	<u>115</u>	P.S.I.	<u>60</u>	<u>60</u>
D Initial Closed-in Pressure	<u>1284</u>	P.S.I.	<u>60</u>	<u>55</u>
E Second Initial Flow Pressure	<u>108</u>	P.S.I.	<u>60</u>	<u>60</u>
F Second Final Flow Pressure	<u>166</u>	P.S.I.		
G Final Closed-in Pressure	<u>1161</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2203</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>11</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>93</u>	<u>0</u>	<u>115</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>166</u>
P 2 <u>5</u>	<u>107</u>	<u>3</u>	<u>200</u>	<u>5</u>	<u>143</u>	<u>3</u>	<u>255</u>
P 3 <u>10</u>	<u>136</u>	<u>6</u>	<u>296</u>	<u>10</u>	<u>138</u>	<u>6</u>	<u>345</u>
P 4 <u>15</u>	<u>115</u>	<u>9</u>	<u>378</u>	<u>15</u>	<u>148</u>	<u>9</u>	<u>419</u>
		<u>12</u>	<u>462</u>	<u>20</u>	<u>148</u>	<u>12</u>	<u>510</u>
		<u>15</u>	<u>547</u>	<u>25</u>	<u>152</u>	<u>15</u>	<u>573</u>
		<u>18</u>	<u>628</u>	<u>30</u>	<u>155</u>	<u>18</u>	<u>640</u>
		<u>21</u>	<u>706</u>	<u>35</u>	<u>161</u>	<u>21</u>	<u>699</u>
		<u>24</u>	<u>783</u>	<u>40</u>	<u>163</u>	<u>24</u>	<u>760</u>
		<u>27</u>	<u>853</u>	<u>45</u>	<u>166</u>	<u>27</u>	<u>809</u>
		<u>30</u>	<u>925</u>	<u>50</u>	<u>166</u>	<u>30</u>	<u>859</u>
		<u>33</u>	<u>985</u>	<u>55</u>	<u>166</u>	<u>33</u>	<u>900</u>
		<u>36</u>	<u>1039</u>			<u>36</u>	<u>938</u>
		<u>39</u>	<u>1088</u>			<u>39</u>	<u>979</u>
		<u>42</u>	<u>1129</u>			<u>42</u>	<u>1016</u>
		<u>45</u>	<u>1166</u>			<u>45</u>	<u>1045</u>
		<u>48</u>	<u>1201</u>			<u>48</u>	<u>1076</u>
		<u>51</u>	<u>1230</u>			<u>51</u>	<u>1105</u>
		<u>54</u>	<u>1255</u>			<u>54</u>	<u>1129</u>
		<u>57</u>	<u>1275</u>			<u>57</u>	<u>1153</u>
		<u>60</u>	<u>1284</u>			<u>60</u>	<u>1161</u>
P15							
P16							
P17							
P18							
P19							
P20							

TAT # 23222

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