



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

36-145-20w

Company Abercrombie Drilling Inc. Lease & Well No. Gross #1
Elevation 2054 Derrick Floor Formation Kansas City Effective Pay _____ Ft. Ticket No. 16462
Date 11-2-71 Sec. 36 Twp. 14 Range 20 County Ellis State Kas.
Test Approved by Jack K. Wharton Western Representative Mike Davenport

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 3406' to 3455' Total Depth 3455'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. Damaged _____ Yes No Conv. B.T. _____ Damaged _____ Yes No
Packer Depth 3401 Ft. Size 5 1/2" Packer Depth 3406 Ft. Size 5 1/2"
Straddle _____ Yes _____ No Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" O.D. Tool Jr. Size 4" F.H. Anchor Length 49 Ft. Size 4 1/2" O.D. Perf.

RECORDERS Depth 3443 Ft. Clock No. 9103 Depth 3446 Ft. Clock No. 8376
Top Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside Bottom Make Kuster Cap. 4150 No. 1559 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ ~~Inside~~ Outside Depth _____ Ft. Clock No. _____ Outside
Top Make _____ Cap. _____ No. _____ ~~Inside~~ Outside Bottom Make _____ Cap. _____ No. _____ Outside

Time Set Packer 1:08 A. _____ M
Tool Open I.F.P. From L:10 M. to 1:25A M. Hr. 15 Min. From (B) 64 P.S.I. To (C) 95 P.S.I.
Tool Closed I.C.I.P. From 1:25 M. to 1:55 A M. Hr. 30 Min. (D) 1182 P.S.I.
Tool Open F.F.P. From 1:55 M. to 2:55A M. 1 Hr. Min. From (E) 131 P.S.I. To (F) 272 P.S.I.
Tool Closed F.C.I.P. From 2:55 M. to 3:40A M. Hr. 45 Min. (G) 1138 P.S.I.
Initial Hydrostatic Pressure (A) 1753 P.S.I. Final Hydrostatic Pressure (H) 1735 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Very good blow thru out test Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes No _____ Recovery Total Ft. 530 feet salt water

Reversed Out _____ Yes _____ No Mud Type Starch Viscosity 41 Weight 9.5 Water Loss 6.4 cc. Maximum Temp. 112 °F
Type Circ. Sub. Plug Did Tool Plug? _____ Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2302 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 1084 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 69 ft.

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date 11-2-71 Test Ticket No. 16462
 Recorder No. 2608 Capacity 4150 Location 3443 Ft.
 Clock No. 9103 Elevation 2054 Derrick Floor Well Temperature 112 °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|-------------|--------|-------------|-----------------|
| A Initial Hydrostatic Mud | <u>1753</u> | P.S.I. | <u>1:08</u> | <u>A.M</u> |
| B First Initial Flow Pressure | <u>64</u> | P.S.I. | <u>15</u> | <u>15</u> Mins. |
| C First Final Flow Pressure | <u>95</u> | P.S.I. | <u>30</u> | <u>30</u> Mins. |
| D Initial Closed-in Pressure | <u>1182</u> | P.S.I. | <u>60</u> | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>131</u> | P.S.I. | <u>45</u> | <u>45</u> Mins. |
| F Second Final Flow Pressure | <u>272</u> | P.S.I. | | |
| G Final Closed-in Pressure | <u>1138</u> | P.S.I. | | |
| H Final Hydrostatic Mud | <u>1735</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>10</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 _____ Min. | | final inc. of _____ Min. | | final inc. of _____ Min. | | final inc. of _____ Min. | |
| Point Mins. | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
| P 1 | <u>0</u> | <u>0</u> | <u>95</u> | <u>0</u> | <u>131</u> | <u>0</u> | <u>272</u> |
| P 2 | <u>5</u> | <u>3</u> | <u>975</u> | <u>5</u> | <u>131</u> | <u>3</u> | <u>956</u> |
| P 3 | <u>10</u> | <u>6</u> | <u>1078</u> | <u>10</u> | <u>137</u> | <u>6</u> | <u>1012</u> |
| P 4 | <u>15</u> | <u>9</u> | <u>1109</u> | <u>15</u> | <u>151</u> | <u>9</u> | <u>1039</u> |
| P 5 | | <u>12</u> | <u>1130</u> | <u>20</u> | <u>166</u> | <u>12</u> | <u>1060</u> |
| P 6 | | <u>15</u> | <u>1144</u> | <u>25</u> | <u>180</u> | <u>15</u> | <u>1076</u> |
| P 7 | | <u>18</u> | <u>1155</u> | <u>30</u> | <u>195</u> | <u>18</u> | <u>1086</u> |
| P 8 | | <u>21</u> | <u>1165</u> | <u>35</u> | <u>210</u> | <u>21</u> | <u>1097</u> |
| P 9 | | <u>24</u> | <u>1171</u> | <u>40</u> | <u>222</u> | <u>24</u> | <u>1105</u> |
| P10 | | <u>27</u> | <u>1178</u> | <u>45</u> | <u>237</u> | <u>27</u> | <u>1111</u> |
| P11 | | <u>30</u> | <u>1182</u> | <u>50</u> | <u>249</u> | <u>30</u> | <u>1117</u> |
| P12 | | | | <u>55</u> | <u>262</u> | <u>33</u> | <u>1124</u> |
| P13 | | | | <u>60</u> | <u>272</u> | <u>36</u> | <u>1129</u> |
| P14 | | | | | | <u>39</u> | <u>1132</u> |
| P15 | | | | | | <u>42</u> | <u>1135</u> |
| P16 | | | | | | <u>45</u> | <u>1138</u> |
| P17 | | | | | | | |
| P18 | | | | | | | |
| P19 | | | | | | | |
| P20 | | | | | | | |