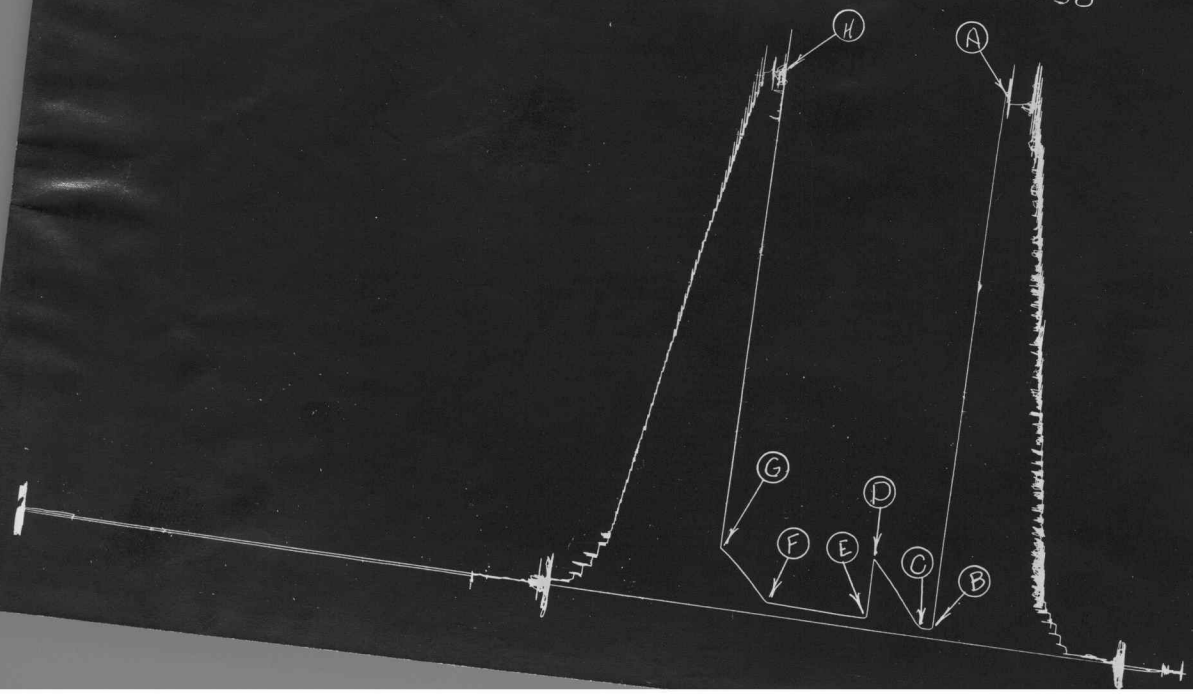


Continental Oil Co.
New Kirk # 27

Test # 1
TKT # 6430





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

Company Continental Oil Company Lease & Well No. Newkirk #27
Elevation 1394 Ground Level Formation Miss. Ticket Number 6430
Date May 10, 1965 Sec. 20 Twp. 33s Range 11w County Barber State Kansas
Test Approved by John D. Hill Western Representative George Tew

Formation Test No. .1 O.K. Misrun Interval Tested From 4536' to 4560' Total Depth 4560'
Size Main Hole 7 7/8 Rat Hole None Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Packer Depth 4536 Ft. Size 6 3/4 Packer Depth 4531 Ft. Size 6 3/4
Straddle Yes No Conv. B.T. Damaged Yes No
Packer Depth _____ Ft. Size _____

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 24 Ft. Size 5 1/2 OD
RECORDERS Depth 4550 Ft. Clock No. 6861 Depth 4553 Ft. Clock No. 107
Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Western Cap. 4000 No. 60 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside Outside Depth _____ Ft. Clock No. _____ Inside Outside
Top Make _____ Cap. _____ No. _____ Inside Outside Bottom Make _____ Cap. _____ No. _____ Inside Outside

Time Set Packer 8:32P M
Tool Open I.F.P. From 8:35 M to 8:40 M Hr. 5 Min. From (B) 41 P.S.I. To (C) 41 P.S.I.
Tool Closed I.C.I.P. From 8:40 M. to 9:10 M. Hr. 30 Min. (D) 317 P.S.I.
Tool Open F.F.P. From 9:10 M. to 10:10 M. 1 Hr. Min. From (E) 47 P.S.I. To (F) 56 P.S.I.
Tool Closed F.C.I.P. From 10:10 M. to 10:40 M. Hr. 30 Min. (G) 276 P.S.I.
Initial Hydrostatic Pressure (A) 2449 P.S.I. Final Hydrostatic Pressure (H) 2438 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Good throughout test. Bottom Choke Size 3/4 In.
Did Well Flow Yes No Recovery Total Ft. 110' oil cut mud; 900' gas in pipe

Reversed Out Yes No Mud Type starch Viscosity 41 Weight 9.9 Maximum Temp. 125 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Jars: Size 4 1/2 OD Make Bowen Ser. No. 2330

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

Length Drill Pipe 4191 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 318 ft.
I. D. Drill Collars 2.25 in. Length D.S.T. Tool 51 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date May 10, 1965 Test Ticket No. 6430
 Recorder No. 1558 Capacity 4200 Location 4550 Ft.
 Clock No. 6861 Elevation 1394 Ground level Well Temperature 125 °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud | <u>2449</u> P.S.I. | Opened Tool | <u>8:32P</u> | <u>M</u> |
| B First Initial Flow Pressure | <u>41</u> P.S.I. | First Flow Pressure | <u>5</u> Mins. | <u>5</u> Mins. |
| C First Final Flow Pressure | <u>41</u> P.S.I. | Initial Closed-in Pressure | <u>30</u> Mins. | <u>34</u> Mins. |
| D Initial Closed-in Pressure | <u>317</u> P.S.I. | Second Flow Pressure | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>47</u> P.S.I. | Final Closed-in Pressure | <u>30</u> Mins. | <u>32</u> Mins. |
| F Second Final Flow Pressure | <u>56</u> P.S.I. | | | |
| G Final Closed-in Pressure | <u>276</u> P.S.I. | | | |
| H Final Hydrostatic Mud | <u>2438</u> P.S.I. | | | |

PRESSURE BREAKDOWN

| Point Mins. | First Flow Press. | Initial Shut-In | Second Flow Pressure | Final Shut-In | | | |
|-------------|--|---|---|---|-----------|---------------|------------|
| | Breakdown: <u>2</u> Inc. of <u>2</u> mins. and a final inc. of <u>1</u> Min. | Breakdown: <u>17</u> Inc. of <u>2</u> mins. and a final inc. of <u>0</u> Min. | Breakdown: <u>30</u> Inc. of <u>2</u> mins. and a final inc. of <u>0</u> Min. | Breakdown: <u>16</u> Inc. of <u>2</u> mins. and a final inc. of <u>0</u> Min. | | | |
| | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
| P 1 | <u>41</u> | <u>0</u> | <u>41</u> | <u>0</u> | <u>47</u> | <u>0</u> | <u>56</u> |
| P 2 | <u>41</u> | <u>2</u> | <u>49</u> | <u>2</u> | <u>47</u> | <u>2</u> | <u>71</u> |
| P 3 | <u>41</u> | <u>4</u> | <u>64</u> | <u>4</u> | <u>47</u> | <u>4</u> | <u>88</u> |
| P 4 | <u>41</u> | <u>6</u> | <u>86</u> | <u>6</u> | <u>48</u> | <u>6</u> | <u>103</u> |
| P 5 | | <u>8</u> | <u>105</u> | <u>8</u> | <u>48</u> | <u>8</u> | <u>118</u> |
| P 6 | | <u>10</u> | <u>123</u> | <u>10</u> | <u>49</u> | <u>10</u> | <u>136</u> |
| P 7 | | <u>12</u> | <u>142</u> | <u>12</u> | <u>49</u> | <u>12</u> | <u>151</u> |
| P 8 | | <u>14</u> | <u>162</u> | <u>14</u> | <u>49</u> | <u>14</u> | <u>168</u> |
| P 9 | | <u>16</u> | <u>181</u> | <u>16</u> | <u>50</u> | <u>16</u> | <u>181</u> |
| P 10 | | <u>18</u> | <u>198</u> | <u>18</u> | <u>50</u> | <u>18</u> | <u>192</u> |
| P 11 | | <u>20</u> | <u>216</u> | <u>20</u> | <u>50</u> | <u>20</u> | <u>211</u> |
| P 12 | | <u>22</u> | <u>233</u> | <u>22</u> | <u>50</u> | <u>22</u> | <u>220</u> |
| P 13 | | <u>24</u> | <u>248</u> | <u>24</u> | <u>51</u> | <u>24</u> | <u>235</u> |
| P 14 | | <u>26</u> | <u>265</u> | <u>26</u> | <u>51</u> | <u>26</u> | <u>246</u> |
| P 15 | | <u>28</u> | <u>283</u> | <u>28</u> | <u>51</u> | <u>28</u> | <u>259</u> |
| P 16 | | <u>30</u> | <u>298</u> | <u>30</u> | <u>51</u> | <u>30</u> | <u>267</u> |
| P 17 | | <u>32</u> | <u>309</u> | <u>32</u> | <u>52</u> | <u>32</u> | <u>276</u> |
| P 18 | | <u>34</u> | <u>317</u> | <u>34</u> | <u>52</u> | | |
| P 19 | | | | <u>36</u> | <u>52</u> | | |
| P 20 | | | | <u>38</u> | <u>53</u> | | |
| | | | | <u>40</u> | <u>53</u> | | |
| | | | | <u>42</u> | <u>53</u> | | |
| | | | | <u>44</u> | <u>54</u> | | |
| | | | | <u>46</u> | <u>54</u> | | |
| | | | | <u>48</u> | <u>54</u> | | |
| | | | | <u>50</u> | <u>54</u> | | |
| | | | | <u>52</u> | <u>55</u> | | |
| | | | | <u>54</u> | <u>55</u> | | |
| | | | | <u>56</u> | <u>55</u> | | |
| | | | | <u>58</u> | <u>56</u> | | |
| | | | | <u>60</u> | <u>56</u> | | |