

Company Kansas Petroleum, Inc. Lease & Well No. Wooldridge #1
 Elevation 1613 Ground Level Topeka Formation Effective Pay ----- Ft. Ticket No. 3539
 Date 3/15/80 Sec. 8 Twp. 29S Range 7W County Kingman State Kansas
 Test Approved by Richard E. Roby Western Representative James Ricketts

Formation Test No. 1 Interval Tested from 3151 ft. to 3182 ft. Total Depth 3182 ft.
 Packer Depth 3151 ft. Size 6 3/4 in. Packer Depth 3146 ft. Size 6 3/4 in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3156 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 3159 ft. Recorder Number 3354 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D. R. Lauck Drlg. Rig #2 Drill Collar Length 120 I. D. 2.25 in.
 Mud Type premix Viscosity 37 Weight Pipe Length 475 I. D. 3.25 in.
 Weight 9.5 Water Loss - cc. Drill Pipe Length 2528 I. D. 3.70 in.
 Chlorides 79,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 407 Anchor Length 31 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong blow.

Recovered 510 ft. of mud cut water with trace of oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 6:10 AM P.M. Time Started Off Bottom 8:15 AM P.M. Maximum Temperature 115°
 Initial Hydrostatic Pressure (A) 1540 P.S.I.
 Initial Flow Period Minutes 20 (B) 46 P.S.I. to (C) 121 P.S.I.
 Initial Closed In Period Minutes 30 (D) 1211 P.S.I.
 Final Flow Period Minutes 30 (E) 197 P.S.I. to (F) 254 P.S.I.
 Final Closed In Period Minutes 45 (G) 1221 P.S.I.
 Final Hydrostatic Pressure (H) 1533 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 3/15/80 Test Ticket No. 3539
 Recorder No. 2605 Capacity 4150 Location 3156 Ft.
 Clock No. ----- Elevation 1613 GroundLevel Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1540</u> P.S.I.	Open Tool	<u>6:10P</u>	<u>M</u>
B. First Initial Flow Pressure	<u>46</u> P.S.I.	First Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
C. First Final Flow Pressure	<u>121</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D. Initial Closed-in Pressure	<u>1211</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E. Second Initial Flow Pressure	<u>197</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F. Second Final Flow Pressure	<u>254</u> P.S.I.			
G. Final Closed-in Pressure	<u>1221</u> P.S.I.			
H. Final Hydrostatic Mud	<u>1533</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>4</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>15</u> Inc. 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> 46	<u>0</u> 121	<u>0</u> 197	<u>0</u> 254	<u>0</u>	<u>0</u>	<u>254</u>
P 2	<u>5</u> 53	<u>3</u> 668	<u>5</u> 184	<u>3</u> 809	<u>3</u>	<u>3</u>	<u>809</u>
P 3	<u>10</u> 72	<u>6</u> 946	<u>10</u> 195	<u>6</u> 996	<u>6</u>	<u>6</u>	<u>996</u>
P 4	<u>15</u> 95	<u>9</u> 1052	<u>15</u> 207	<u>9</u> 1075	<u>9</u>	<u>9</u>	<u>1075</u>
P 5	<u>20</u> 121	<u>12</u> 1108	<u>20</u> 224	<u>12</u> 1114	<u>12</u>	<u>12</u>	<u>1114</u>
P 6		<u>15</u> 1141	<u>25</u> 239	<u>15</u> 1139	<u>15</u>	<u>15</u>	<u>1139</u>
P 7		<u>18</u> 1166	<u>30</u> 254	<u>18</u> 1157	<u>18</u>	<u>18</u>	<u>1157</u>
P 8		<u>21</u> 1180		<u>21</u> 1170	<u>21</u>	<u>21</u>	<u>1170</u>
P 9		<u>24</u> 1193		<u>24</u> 1182	<u>24</u>	<u>24</u>	<u>1182</u>
P10		<u>27</u> 1203		<u>27</u> 1190	<u>27</u>	<u>27</u>	<u>1190</u>
P11		<u>30</u> 1211		<u>30</u> 1197	<u>30</u>	<u>30</u>	<u>1197</u>
P12				<u>33</u> 1203	<u>33</u>	<u>33</u>	<u>1203</u>
P13				<u>36</u> 1208	<u>36</u>	<u>36</u>	<u>1208</u>
P14				<u>39</u> 1213	<u>39</u>	<u>39</u>	<u>1213</u>
P15				<u>42</u> 1217	<u>42</u>	<u>42</u>	<u>1217</u>
P16				<u>45</u> 1221	<u>45</u>	<u>45</u>	<u>1221</u>
P17							
P18							
P19							
P20							

TKT# 3539
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