



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company J. A. Allison Lease & Well No. Moore #1
 Elevation 1998 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 10410
 Date 8/12/81 Sec. 26 Twp. 18S Range 18W County Rush State Kansas
 Test Approved by Allen S Munore Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 3706 ft. to 3773 ft. Total Depth 3773 ft.
 Packer Depth 3706 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3701 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3713 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 3718 ft. Recorder Number 10979 Cap. 4100
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor B & B Drilling Rig #2 Drill Collar Length - I. D. - in.
 Mud Type Mylogel Viscosity 41 Weight Pipe Length - I. D. - in.
 Weight - Water Loss 10 cc. Drill Pipe Length 3688 I. D. - in.
 Chlorides 68,000 P.P.M. Test Tool Length 18 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 67 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 XH in.

Blow: Fair blow throughout test.

Recovered 660 ft. of muddy water
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 6:40 A.M. P.M. Time Started Off Bottom - A.M. P.M. Maximum Temperature 119
 Initial Hydrostatic Pressure (A) 1894 P.S.I.
 Initial Flow Period Minutes 35 (B) 69 P.S.I. to (C) 108 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1104 P.S.I.
 Final Flow Period Minutes 60 (E) 159 P.S.I. to (F) 248 P.S.I.
 Final Closed In Period Minutes 51 (G) 1089 P.S.I.
 Final Hydrostatic Pressure (H) 1894 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/12/81 Recorder No. 2605 Capacity 4150 Test Ticket No. 10410
 Clock No. - Elevation 1998 Kelly Bushing Location 3713 Ft. 119
 Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1894</u>	P.S.I.	<u>6:40</u>	<u>M</u>
B First Initial Flow Pressure	<u>69</u>	P.S.I.	<u>30</u>	<u>Mins. 35</u> Mins.
C First Final Flow Pressure	<u>108</u>	P.S.I.	<u>45</u>	<u>Mins. 45</u> Mins.
D Initial Closed-in Pressure	<u>1104</u>	P.S.I.	<u>60</u>	<u>Mins. 60</u> Mins.
E Second Initial Flow Pressure	<u>159</u>	P.S.I.	<u>45</u>	<u>Mins. 51</u> Mins.
F Second Final Flow Pressure	<u>248</u>	P.S.I.		
G Final Closed-in Pressure	<u>1089</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1894</u>	P.S.I.		

PRESSURE BREAKDOWN

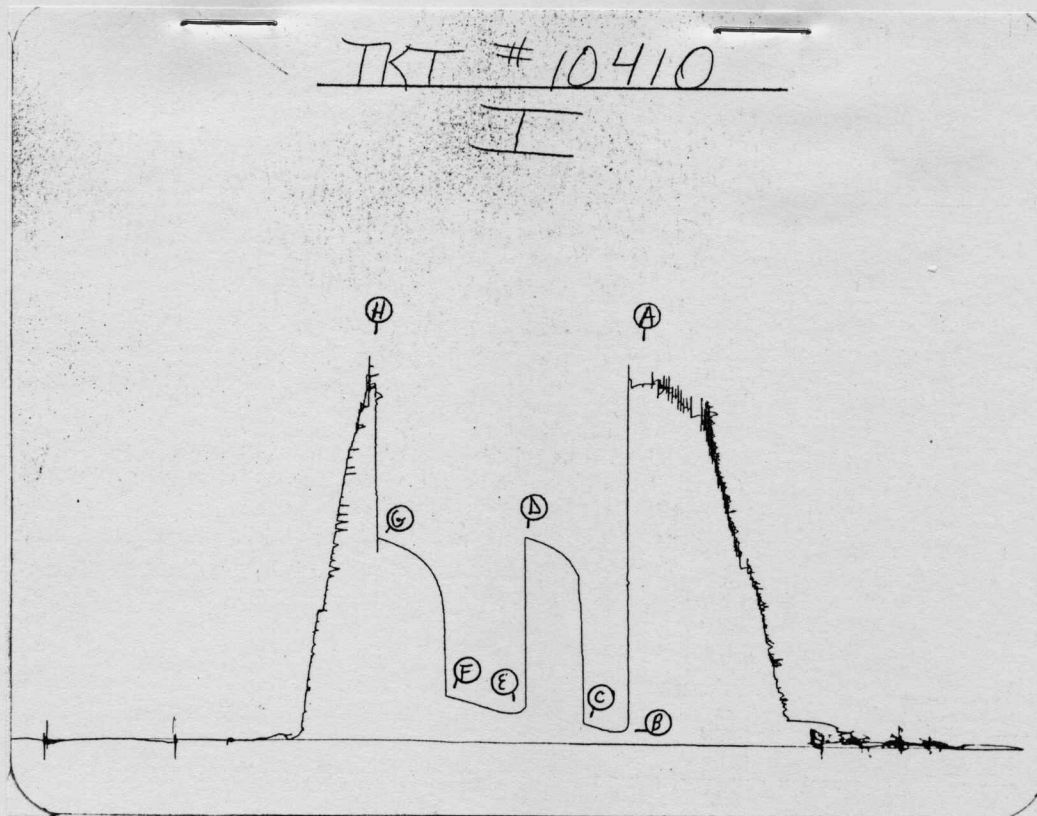
First Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 17 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>69</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>159</u>	<u>0</u>	<u>248</u>
P 2 <u>5</u>	<u>69</u>	<u>3</u>	<u>552</u>	<u>5</u>	<u>159</u>	<u>3</u>	<u>684</u>
P 3 <u>10</u>	<u>69</u>	<u>6</u>	<u>782</u>	<u>10</u>	<u>159</u>	<u>6</u>	<u>813</u>
P 4 <u>15</u>	<u>73</u>	<u>9</u>	<u>923</u>	<u>15</u>	<u>161</u>	<u>9</u>	<u>875</u>
P 5 <u>20</u>	<u>82</u>	<u>12</u>	<u>958</u>	<u>20</u>	<u>167</u>	<u>12</u>	<u>911</u>
P 6 <u>25</u>	<u>93</u>	<u>15</u>	<u>990</u>	<u>25</u>	<u>178</u>	<u>15</u>	<u>944</u>
P 7 <u>30</u>	<u>101</u>	<u>18</u>	<u>1010</u>	<u>30</u>	<u>190</u>	<u>18</u>	<u>967</u>
P 8 <u>35</u>	<u>108</u>	<u>21</u>	<u>1029</u>	<u>35</u>	<u>201</u>	<u>21</u>	<u>988</u>
P 9 _____	_____	<u>24</u>	<u>1043</u>	<u>40</u>	<u>212</u>	<u>24</u>	<u>1004</u>
P10 _____	_____	<u>27</u>	<u>1054</u>	<u>45</u>	<u>222</u>	<u>27</u>	<u>1019</u>
P11 _____	_____	<u>30</u>	<u>1064</u>	<u>50</u>	<u>233</u>	<u>30</u>	<u>1031</u>
P12 _____	_____	<u>33</u>	<u>1075</u>	<u>55</u>	<u>241</u>	<u>33</u>	<u>1041</u>
P13 _____	_____	<u>36</u>	<u>1083</u>	<u>60</u>	<u>248</u>	<u>36</u>	<u>1052</u>
P14 _____	_____	<u>39</u>	<u>1091</u>	_____	_____	<u>39</u>	<u>1058</u>
P15 _____	_____	<u>42</u>	<u>1097</u>	_____	_____	<u>42</u>	<u>1068</u>
P16 _____	_____	<u>45</u>	<u>1104</u>	_____	_____	<u>45</u>	<u>1077</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>1085</u>
P18 _____	_____	_____	_____	_____	_____	<u>51</u>	<u>1089</u>
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1894	1894	PSI
(B) First Initial Flow Pressure	73	69	PSI
(C) First Final Flow Pressure	115	108	PSI
(D) Initial Closed-in Pressure	1114	1104	PSI
(E) Second Initial Flow Pressure	156	159	PSI
(F) Second Final Flow Pressure	240	248	PSI
(G) Final Closed-in Pressure	1112	1089	PSI
(H) Final Hydrostatic Mud	1894	1894	PSI