



Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Voyager Petroleum, Inc. Lease & Well No. #14-6 Burt
Elevation 2692 Kelly Bushing Formation Base Kansas City Effective Pay - Ft. Ticket No. 14385
Date 11/21/81 Sec. 14 Twp. 14S Range 29W County Gove State Kansas
Test Approved by Bill Copeland Western Representative Steve Eisenhour

Formation Test No. 1 Interval Tested from 4026 ft. to 4056 ft. Total Depth 4056 ft.

Packer Depth 4021 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4026 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4043 ft. Recorder Number 1564 Cap 3150

Bottom Recorder Depth (Outside) 4046 ft. Recorder Number 4331 Cap 4150

Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Simmons Drilling Rig #31 Drill Collar Length 296 I. D. 2.75 in.

Mud Type Chemical Viscosity 53 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 6.4 cc. Drill Pipe Length 3712 I. D. 3.8 in.

Chlorides 5,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.

Jars: Make WIC Serial Number 420 Anchor Length 30 ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out No 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: Initial flow period very weak blow. Final flow period very, very weak blow for 2 minutes and then died.

Recovered 6 ft. of speck of oil in drilling mud Chlorides 7000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Inside clock running slow

Time Set Packer(s) 4:30 ~~A.M.~~ P.M. Time Started Off Bottom 7:15 ~~A.M.~~ P.M. Maximum Temperature 126

Initial Hydrostatic Pressure (A) 1992 P.S.I.

Initial Flow Period Minutes 15 (B) 28 P.S.I. to (C) 28 P.S.I.

Initial Closed In Period Minutes 33 (D) 1140 P.S.I.

Final Flow Period Minutes 65 (E) 40 P.S.I. to (F) 40 P.S.I.

Final Closed In Period Minutes 63 (G) 1168 P.S.I.

Final Hydrostatic Pressure (H) 1992 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 11/21/81 Test Ticket No. 14385
 Recorder No. 4331 Capacity 4150 Location 4046 Ft.
 Clock No. - Elevation 2692 Kelly Bushing Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1992</u> P.S.I.	Open Tool	<u>4:30P</u> M	
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1140</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>65</u> Mins.
E Second Initial Flow Pressure	<u>40</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>40</u> P.S.I.			
G Final Closed-in Pressure	<u>1168</u> P.S.I.			
H Final Hydrostatic Mud	<u>1992</u> P.S.I.			

PRESSURE BREAKDOWN

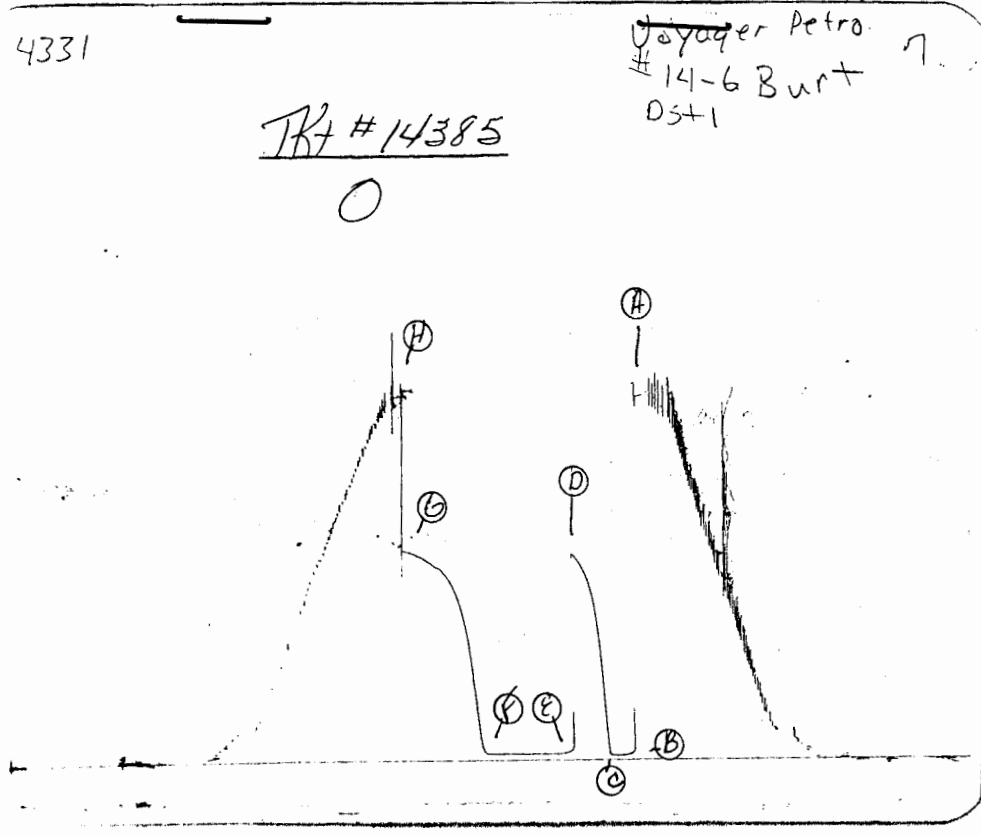
First Flow Pressure
 Breakdown: 3 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 11 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 13 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 21 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>28</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>40</u>
P 2 <u>5</u>	<u>28</u>	<u>3</u>	<u>87</u>	<u>5</u>	<u>40</u>	<u>3</u>	<u>68</u>
P 3 <u>10</u>	<u>28</u>	<u>6</u>	<u>295</u>	<u>10</u>	<u>40</u>	<u>6</u>	<u>192</u>
P 4 <u>15</u>	<u>28</u>	<u>9</u>	<u>511</u>	<u>15</u>	<u>40</u>	<u>9</u>	<u>349</u>
P 5 _____		<u>12</u>	<u>707</u>	<u>20</u>	<u>40</u>	<u>12</u>	<u>493</u>
P 6 _____		<u>15</u>	<u>860</u>	<u>25</u>	<u>40</u>	<u>15</u>	<u>636</u>
P 7 _____		<u>18</u>	<u>955</u>	<u>30</u>	<u>40</u>	<u>18</u>	<u>750</u>
P 8 _____		<u>21</u>	<u>1021</u>	<u>35</u>	<u>40</u>	<u>21</u>	<u>841</u>
P 9 _____		<u>24</u>	<u>1066</u>	<u>40</u>	<u>40</u>	<u>24</u>	<u>909</u>
P10 _____		<u>27</u>	<u>1106</u>	<u>45</u>	<u>40</u>	<u>27</u>	<u>963</u>
P11 _____		<u>30</u>	<u>1132</u>	<u>50</u>	<u>40</u>	<u>30</u>	<u>1002</u>
P12 _____		<u>33</u>	<u>1140</u>	<u>55</u>	<u>40</u>	<u>33</u>	<u>1034</u>
P13 _____				<u>60</u>	<u>40</u>	<u>36</u>	<u>1064</u>
P14 _____				<u>65</u>	<u>40</u>	<u>39</u>	<u>1074</u>
P15 _____						<u>42</u>	<u>1088</u>
P16 _____						<u>45</u>	<u>1104</u>
P17 _____						<u>48</u>	<u>1123</u>
P18 _____						<u>51</u>	<u>1132</u>
P19 _____						<u>54</u>	<u>1143</u>
P20 _____						<u>57</u>	<u>1151</u>
						<u>60</u>	<u>1160</u>
						<u>63</u>	<u>1168</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1992	1992	PSI
(B) First Initial Flow Pressure	54	28	PSI
(C) First Final Flow Pressure	38	28	PSI
(D) Initial Closed-in Pressure	1132	1140	PSI
(E) Second Initial Flow Pressure	46	40	PSI
(F) Second Final Flow Pressure	46	40	PSI
(G) Final Closed-in Pressure	1132	1168	PSI
(H) Final Hydrostatic Mud	1952	1992	PSI

State Geological Survey
WICHITA BRANCH