



28-23-11W
State Geological Survey
WICHITA BRANCH

Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Pan-Canadian Petroleum Company Lease & Well No. #1 Riley
Elevation - Formation Lansing Effective Pay --- Ft. Ticket No. 18402
Date 1/ 3 /83 Sec. 28 Twp. 23S Range 11W County Stafford State Kansas
Test Approved by C. VanBuskirk Western Representative Jeff Piotrowski
Formation Test No. 1 Interval Tested from 3330 ft. to 3364 ft. Total Depth 3364 ft.
Packer Depth 3325 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
Packer Depth 3330 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3354 ft. Recorder Number 1565 Cap 4900
Bottom Recorder Depth (Outside) 3357 ft. Recorder Number 6074 Cap 5100
Flow Saddle Recorder Depth -- ft. Recorder Number - Cap -
Drilling Contractor H-30 Drlg. Rig #11 Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 39 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 10.4 cc. Drill Pipe Length 3301 I. D. 3.8 in.
Chlorides 84,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.
S. Make WTC Serial Number 405 Anchor Length 34 ft. Size 5 1/2 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 in.

Blow: Weak through initial flow period. Weak and decreasing on final flow period.

Recovered 30 ft. of mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks:

Slid five feet to bottom.

Time Set Packer(s) 12:20 A.M. P.M. Time Started Off Bottom 2:35 A.M. P.M. Maximum Temperature 110°
Initial Hydrostatic Pressure (A) 1764 P.S.I.
Initial Flow Period Minutes 15 (B) 37 P.S.I. to (C) 37 P.S.I.
Initial Closed In Period Minutes 30 (D) 56 P.S.I.
Final Flow Period Minutes 30 (E) 36 P.S.I. to (F) 36 P.S.I.
Final Closed In Period Minutes 60 (G) 53 P.S.I.
Final Hydrostatic Pressure (H) 1754 P.S.I.

REC'D
STATE CORPORATION COMMISSION

JUN 03 1983

CONSERVATION DIVISION
Wichita, Kansas

WESTERN TESTING CO., INC.
Pressure Data

28-23-11u
1 Riley

Date 1/3/83

Test Ticket No. 18402

Recorder No. 1565

Capacity 4900

Location 3354

Clock No. --- Elevation ---

Well Temperature 110

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1764	P.S.I.	12:20A	
B First Initial Flow Pressure	37	P.S.I.	15	15
C First Final Flow Pressure	37	P.S.I.	30	30
D Initial Closed-in Pressure	45	P.S.I.	30	30
E Second Initial Flow Pressure	36	P.S.I.	60	60
F Second Final Flow Pressure	36	P.S.I.		
G Final Closed-in Pressure	53	P.S.I.		
H Final Hydrostatic Mud	1754	P.S.I.		

State Geological Survey
WICHITA BRANCH

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	37	0	37	0	36	0	36
P 2 5	37	3	38	5	36	3	36
P 3 10	37	6	39	10	36	6	36
P 4 15	37	9	41	15	36	9	37
P 5		12	43	20	36	12	38
P 6		15	45	25	36	15	39
P 7		18	47	30	36	18	40
P 8		21	49			21	41
P 9		24	51			24	42
P10		27	53			27	43
P11		30	56			30	44
P12						33	45
P13						36	46
P14						39	47
P15						42	48
P16						45	49
P17						48	50
P18						51	51
P19						54	52
P20						57	53
						60	53



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Company Pan-Canadian Petroleum Company Lease & Well No. #1 Riley
Elevation - Formation Lansing Effective Pay --- Ft. Ticket No. 18403
Date 1/4/83 Sec 28 Twp 23S Range 11W County Stafford State Kansas
Test Approved by C. VanBuskirk Western Representative Jeff Piotrowski
Formation Test No. 2 Interval Tested from 3443 ft. to 3456 ft. Total Depth 3456 ft.
Packer Depth 3438 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
Packer Depth 3443 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
Type of Selective Zone Set -
Top Recorder Depth (Inside) 3446 ft. Recorder Number 1565 Cap 4900
Bottom Recorder Depth (Outside) 3449 ft. Recorder Number 6074 Cap 5100
Below Straddle Recorder Depth -- ft. Recorder Number - Cap -
Drilling Contractor H-30 Drlg Rig #11 Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 37 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 13.2 cc Drill Pipe Length 3414 I. D. 3.8 in.
Chlorides 78,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.
Make WIC Serial Number 405 Anchor Length 13 ft. Size 5 1/2 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: Fair building to strong on initial flow period. Strong throughout final flow period.

Recovered 660 ft. of gas in pipe
Recovered 65 ft. of oil cut mud TOP: 15% mud; 15% water; 30% oil; 40% gas
Recovered ft. of BOTTOM: 35% mud; 17% water; 36% oil; 12% gas
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s)	<u>6:50</u>	<u>AM</u>	Time Started Off Bottom	<u>8:05</u>	<u>PM</u>	Maximum Temperature	<u>110°</u>
Initial Hydrostatic Pressure			(A)	<u>1800</u>	P.S.I.		
Initial Flow Period	Minutes	<u>15</u>	(B)	<u>21</u>	P.S.I. to (C)	<u>21</u>	P.S.I.
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>440</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(E)	<u>27</u>	P.S.I. to (F)	<u>27</u>	P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G)	<u>578</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1795</u>	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

28-23-11w
1 Riley

Date 1/4/83

Recorder No. 1565

Capacity 4900

Test Ticket No. 18403

Location 3446

Clock No. --- Elevation ---

Well Temperature 110

Point	Pressure	
A Initial Hydrostatic Mud	<u>1800</u>	P.S.I.
B First Initial Flow Pressure	<u>21</u>	P.S.I.
C First Final Flow Pressure	<u>21</u>	P.S.I.
D Initial Closed-in Pressure	<u>440</u>	P.S.I.
E Second Initial Flow Pressure	<u>27</u>	P.S.I.
F Second Final Flow Pressure	<u>27</u>	P.S.I.
G Final Closed-in Pressure	<u>578</u>	P.S.I.
H Final Hydrostatic Mud	<u>1795</u>	P.S.I.

Open Tool

6:50P

M

First Flow Pressure

15

Mins.

15

Initial Closed-in Pressure

30

Mins.

30

Min

Second Flow Pressure

30

Mins.

30

Min

Final Closed-in Pressure

60

Mins.

60

Min

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PRESSURE BREAKDOWN

First Flow Pressure
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of 5 mins. and a
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Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 20 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>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>27</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>34</u>	<u>5</u>	<u>27</u>	<u>3</u>	<u>32</u>
P 3 <u>10</u>	<u>21</u>	<u>6</u>	<u>62</u>	<u>10</u>	<u>27</u>	<u>6</u>	<u>45</u>
P 4 <u>15</u>	<u>21</u>	<u>9</u>	<u>97</u>	<u>15</u>	<u>27</u>	<u>9</u>	<u>63</u>
P 5		<u>12</u>	<u>133</u>	<u>20</u>	<u>27</u>	<u>12</u>	<u>83</u>
P 6		<u>15</u>	<u>175</u>	<u>25</u>	<u>27</u>	<u>15</u>	<u>98</u>
P 7		<u>18</u>	<u>217</u>	<u>30</u>	<u>27</u>	<u>18</u>	<u>120</u>
P 8		<u>21</u>	<u>265</u>			<u>21</u>	<u>143</u>
P 9		<u>24</u>	<u>318</u>			<u>24</u>	<u>165</u>
P 10		<u>27</u>	<u>374</u>			<u>27</u>	<u>190</u>
P 11		<u>30</u>	<u>440</u>			<u>30</u>	<u>215</u>
P 12						<u>33</u>	<u>243</u>
P 13						<u>36</u>	<u>272</u>
P 14						<u>39</u>	<u>304</u>
P 15						<u>42</u>	<u>339</u>
P 16						<u>45</u>	<u>374</u>
P 17						<u>48</u>	<u>410</u>
P 18						<u>51</u>	<u>448</u>
P 19						<u>54</u>	<u>492</u>
P 20						<u>57</u>	<u>537</u>
						<u>60</u>	<u>578</u>