

Company D. R. Lauck Oil Company, Inc. Lease & Well No. Breitenbach "D" #1
 Elevation --- Formation Lansing-Kansas City Effective Pay --- Ft. Ticket No. 4300
 Date 1/11/80 Sec. 3 Twp. 25S Range 16W County Edwards State Kansas
 Test Approved by Bruce Clark Western Representative Roger Lisenby
 Formation Test No. 1 Interval Tested from 3809 ft. to 3845 ft. Total Depth 3845 ft.
 Packer Depth 3804 ft. Size 6 3/4 in. Packer Depth 3809 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) 3838 ft. Recorder Number 969 Cap. 4200
 Bottom Recorder Depth (Outside) 3841 ft. Recorder Number 1051 Cap. 4250
 Below Straddle Recorder Depth --- ft. Recorder Number --- Cap. ---
 Drilling Contractor D. R. Lauck Oil Co. Rig #2 Drill Collar Length --- I. D. --- in.
 Mud Type starch Viscosity 34 Weight Pipe Length 474 I. D. 3.4 in.
 Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 3314 I. D. 3.8 in.
 Chlorides 52,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.
 Jars: Make --- Serial Number --- Anchor Length 36 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 first opening. Gas to surface three mintes on second
opening. See attached sheet for gas measurements.

Recovered 65 ft. of gas cut mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 6:06 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 8:55 ~~P.M.~~ ^{A.M.} Maximum Temperature 111°
 Initial Hydrostatic Pressure 1958 (A) P.S.I.
 Initial Flow Period 30 Minutes (B) 83 P.S.I. to (C) 51 P.S.I.
 Initial Closed In Period 45 Minutes (D) 246 P.S.I.
 Final Flow Period 32 Minutes (E) 88 P.S.I. to (F) 57 P.S.I.
 Final Closed In Period 60 Minutes (G) 266 P.S.I.
 Final Hydrostatic Pressure 1924 (H) P.S.I.

GAS FLOW REPORT

Date 1/11/80 Ticket 4300 Company D. R. Lauck Oil Co., Inc.
Well Name and No. Breitenbach "D" #1 Dst No. 1 Interval Tested 3809'-3845'
County Edwards State Kansas Sec. 3 Twp. 25S Rg. 16W

[illegible]

GAS TO SURFACE THREE MINUTES ON SECOND **SECOND FLOW** FLOW.

[illegible]

GAS BOTTLE

Serial No. --- Date Bottle Filled ---- Date to be Invoiced 1/11/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME D . R. Lauck Oil Company, Inc.

Authorized by Bruce Clark

WESTERN TESTING CO., INC.

Pressure Data

Date 1/11/80

Test Ticket No. 4300

Recorder No. 969 Capacity 4200 Location 3838 Ft.

Clock No. ----- Elevation ----- Well Temperature 111 °F

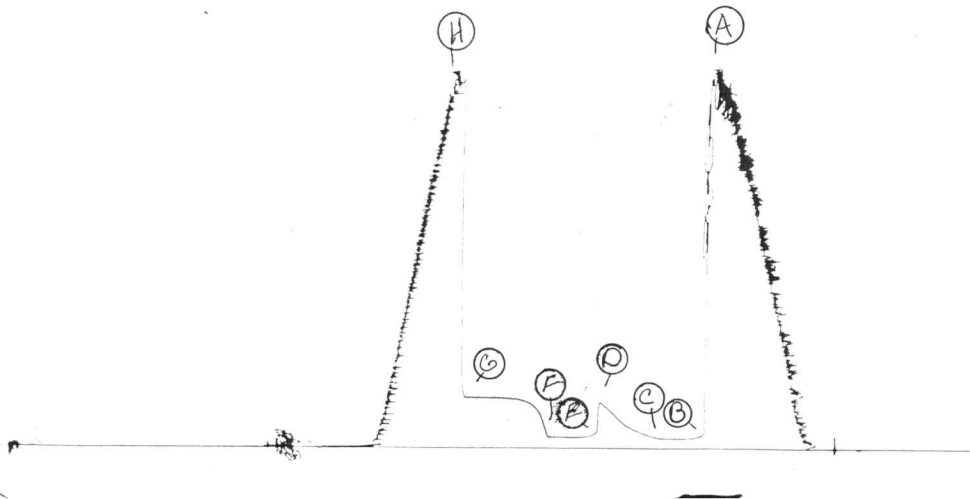
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1958</u> P.S.I.	Open Tool	<u>6:06A</u> M	
B First Initial Flow Pressure	<u>83</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>51</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>246</u> P.S.I.	Second Flow Pressure	<u>32</u> Mins.	<u>32</u> Mins.
E Second Initial Flow Pressure	<u>88</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>57</u> P.S.I.			
G Final Closed-in Pressure	<u>266</u> P.S.I.			
H Final Hydrostatic Mud	<u>1924</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>2</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>88</u>	<u>0</u>	<u>57</u>
P 2 <u>5</u>	<u>59</u>	<u>3</u>	<u>54</u>	<u>5</u>	<u>65</u>	<u>3</u>	<u>102</u>
P 3 <u>10</u>	<u>51</u>	<u>6</u>	<u>58</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>164</u>
P 4 <u>15</u>	<u>51</u>	<u>9</u>	<u>63</u>	<u>15</u>	<u>57</u>	<u>9</u>	<u>203</u>
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>71</u>	<u>20</u>	<u>57</u>	<u>12</u>	<u>231</u>
P 6 <u>25</u>	<u>51</u>	<u>15</u>	<u>78</u>	<u>25</u>	<u>57</u>	<u>15</u>	<u>248</u>
P 7 <u>30</u>	<u>51</u>	<u>18</u>	<u>85</u>	<u>30</u>	<u>57</u>	<u>18</u>	<u>254</u>
P 8		<u>21</u>	<u>96</u>	<u>32</u>	<u>57</u>	<u>21</u>	<u>260</u>
P 9		<u>24</u>	<u>106</u>			<u>24</u>	<u>262</u>
P10		<u>27</u>	<u>119</u>			<u>27</u>	<u>266</u>
P11		<u>30</u>	<u>135</u>			<u>30</u>	<u>266</u>
P12		<u>33</u>	<u>156</u>			<u>33</u>	<u>266</u>
P13		<u>36</u>	<u>184</u>			<u>36</u>	<u>266</u>
P14		<u>39</u>	<u>205</u>			<u>39</u>	<u>266</u>
P15		<u>42</u>	<u>225</u>			<u>42</u>	<u>266</u>
P16		<u>45</u>	<u>246</u>			<u>45</u>	<u>266</u>
P17						<u>48</u>	<u>266</u>
P18						<u>51</u>	<u>266</u>
P19						<u>54</u>	<u>266</u>
P20						<u>57</u>	<u>266</u>
						<u>60</u>	<u>266</u>

969

TRT# 4300
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Company D. R. Lauck Oil Co., Inc. Lease & Well No. Brietenbach "D" #1

Elevation -- Formation Lansing-Kansas City Effective Pay -- Ft. Ticket No. 5476

Date 1/12/80 Sec. 3 Twp 25S Range 16W County Edwards State Kansas

Test Approved by Bruce Clark Western Representative Roger Lisenby

Formation Test No. 2 Interval Tested from 3923 ft. to 3946 ft. Total Depth 3946 ft.

Packer Depth 3918 ft. Size 6 3/4 in. Packer Depth 3923 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) 3937 ft. Recorder Number 969 Cap. 4200

Bottom Recorder Depth (Outside) 3940 ft. Recorder Number 1051 Cap. 4250

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

Drilling Contractor D. R. Lauck Drilling Rig #2 Drill Collar Length -- I. D. -- in.

Mud Type starch Viscosity 37 Weight Pipe Length 374 I. D. 3.4 in.

Weight 9.5 Water Loss 14 cc. Drill Pipe Length 3528 I. D. 3.8 in.

Chlorides 36,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.

Jars: Make -- Serial Number -- Anchor Length 23 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 first opening. Strong blow decreasing to fair blow second opening.

Recovered 1080 ft. of gas in pipe

Recovered 80 ft. of gas cut mud (slightly oil cut) (98% mud; 2% oil)

Recovered ft. of

Recovered ft. of NO WATER

Recovered ft. of

Remarks:

Time Set Packer(s) 1:59 ~~PM~~ ^{AM} Time Started Off Bottom 4:46 ~~PM~~ ^{AM} Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 2040 P.S.I.

Initial Flow Period Minutes 30 (B) 92 P.S.I. to (C) 55 P.S.I.

Initial Closed In Period Minutes 45 (D) 195 P.S.I.

Final Flow Period Minutes 30 (E) 94 P.S.I. to (F) 65 P.S.I.

Final Closed In Period Minutes 66 (G) 236 P.S.I.

Final Hydrostatic Pressure (H) 2002 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

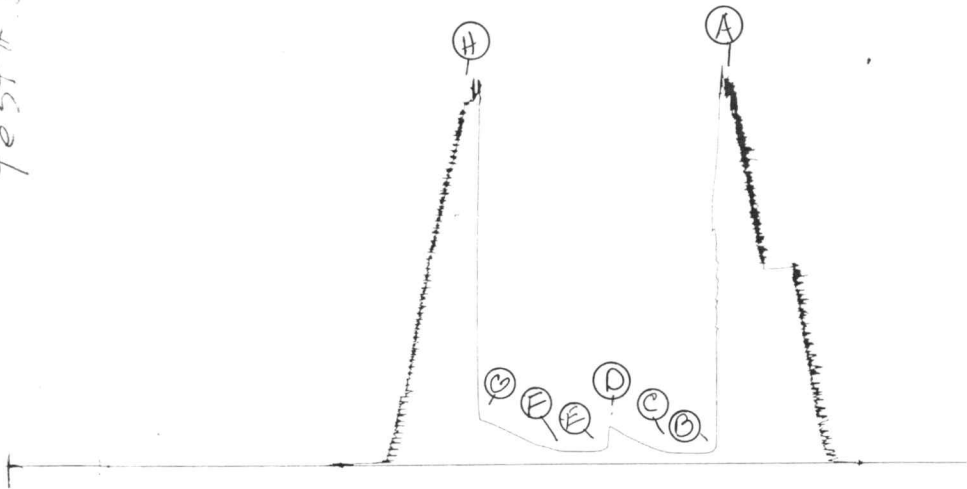
Date 1/12/80 Test Ticket No. 5474
 Recorder No. 969 Capacity 4200 Location 3937 Ft.
 Clock No. ----- Elevation ----- Well Temperature 115 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2040 P.S.I. Open Tool 1:59A M
 B First Initial Flow Pressure 92 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 55 P.S.I. Initial Closed-in Pressure 45 Mins. 45 Mins.
 D Initial Closed-in Pressure 195 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 94 P.S.I. Final Closed-in Pressure 60 Mins. 66 Mins.
 F Second Final Flow Pressure 65 P.S.I.
 G Final Closed-in Pressure 236 P.S.I.
 H Final Hydrostatic Mud 2002 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>22</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>92</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>94</u>	<u>0</u>	<u>54</u>
P 2 <u>5</u>	<u>59</u>	<u>3</u>	<u>59</u>	<u>5</u>	<u>72</u>	<u>3</u>	<u>70</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>62</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>74</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>68</u>	<u>15</u>	<u>65</u>	<u>9</u>	<u>78</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>76</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>84</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>82</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>90</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>90</u>	<u>30</u>	<u>65</u>	<u>18</u>	<u>96</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>99</u>	<u> </u>	<u> </u>	<u>21</u>	<u>101</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>108</u>	<u> </u>	<u> </u>	<u>24</u>	<u>107</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>119</u>	<u> </u>	<u> </u>	<u>27</u>	<u>115</u>
P11 <u> </u>	<u> </u>	<u>30</u>	<u>129</u>	<u> </u>	<u> </u>	<u>30</u>	<u>127</u>
P12 <u> </u>	<u> </u>	<u>33</u>	<u>139</u>	<u> </u>	<u> </u>	<u>33</u>	<u>137</u>
P13 <u> </u>	<u> </u>	<u>36</u>	<u>152</u>	<u> </u>	<u> </u>	<u>36</u>	<u>145</u>
P14 <u> </u>	<u> </u>	<u>39</u>	<u>165</u>	<u> </u>	<u> </u>	<u>39</u>	<u>157</u>
P15 <u> </u>	<u> </u>	<u>42</u>	<u>178</u>	<u> </u>	<u> </u>	<u>42</u>	<u>167</u>
P16 <u> </u>	<u> </u>	<u>45</u>	<u>195</u>	<u> </u>	<u> </u>	<u>45</u>	<u>179</u>
P17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>48</u>	<u>190</u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>51</u>	<u>201</u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>54</u>	<u>209</u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>57</u>	<u>218</u>
						<u>60</u>	<u>225</u>
						<u>63</u>	<u>231</u>

969 9145 # 5476

TKL # 5476
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Company D. R. Lauck Oil Company, Inc. Lease & Well No. Breitenbach "D" #1
Elevation ----- Formation Mississippi Effective Pay -- Ft. Ticket No. 5477
Date 1/13/70 Sec. 3 Twp. 25S Range 16W County Edwards State Kansas
Test Approved by Bruce Clark Western Representative Roger Lisenby
Formation Test No. 3 Interval Tested from 4232 ft. to 4250 ft. Total Depth 4250 ft.
Packer Depth 4227 ft. Size 6 3/4 in. Packer Depth 4232 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) 4241 ft. Recorder Number 969 Cap. 4200
Bottom Recorder Depth (Outside) 4244 ft. Recorder Number 1051 Cap. 4250
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor D. R. LAUCK DRLG. RIG #2 Drill Collar Length -- I. D. -- in.
Mud Type starch Viscosity 42 Weight Pipe Length 374 I. D. 3.4 in.
Weight 9.6 Water Loss 12.6 cc. Drill Pipe Length 4837 I. D. 3.8 in.
Chlorides 41,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.
Jars: Make -- Serial Number -- Anchor Length 18 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 first opening. Gas to surface immediately on second opening.
See attached sheet for gas measurements.

Recovered 65 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of No water.

Remarks:

Time Set Packer(s) 5:22 ~~A.M.~~ P.M. Time Started Off Bottom 9:09 ~~A.M.~~ P.M. Maximum Temperature 121°
Initial Hydrostatic Pressure (A) 2221 P.S.I.
Initial Flow Period Minutes 25 (B) 74 P.S.I. to (C) 38 P.S.I.
Initial Closed In Period Minutes 45 (D) 867 P.S.I.
Final Flow Period Minutes 60 (E) 74 P.S.I. to (F) 47 P.S.I.
Final Closed In Period Minutes 90 (G) 939 P.S.I.
Final Hydrostatic Pressure (H) 2192 P.S.I.

GAS FLOW REPORT

Date 1/13/80 Ticket 5477 Company D. R. Lauck Oil Company, Inc.
 Well Name and No. Breitenbach "D" #1 Dst No. 3 Interval Tested 4232'-4250'
 County Edwards State Kansas Sec. 3 Twp. 25S Rg. 16W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Meria Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

GAS IMMEDIATELY ON SECOND FLOW. SECOND FLOW

10 min.	18" of water	1/4" orifice	7,120 CFPD
15 min.	26" of water	1/4" orifice	8,560 CFPD
20 min.	34" of water	1/4" orifice	9,790 CFPD
30 min.	40" of water	1/4" orifice	10,600 CFPD
40 min.	44" of water	1/4" orifice	11,100 CFPD
50 min.	48" of water	1/4" orifice	11,600 CFPD
60 min.	50" of water	1/4" orifice	11,900 CFPD
NO GAS BOTTLE REQUESTED.			

GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced 1/13/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME D. R. Lauck Oil Co., Inc.

Authorized by Bruce Clark

WESTERN TESTING CO., INC.

Pressure Data

Date 1/13/80 Test Ticket No. 5477
 Recorder No. 969 Capacity 4200 Location 4241 Ft.
 Clock No. ----- Elevation ----- Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2221 P.S.I.	Open Tool	5:22P	M
B First Initial Flow Pressure	74 P.S.I.	First Flow Pressure	25 Mins.	25 Mins.
C First Final Flow Pressure	38 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	867 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	74 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	47 P.S.I.			
G Final Closed-in Pressure	939 P.S.I.			
H Final Hydrostatic Mud	2192 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>5</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>30</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>	<u>74</u>	<u>0</u>	<u>38</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>47</u>
P 2 <u>5</u>	<u>45</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>47</u>	<u>3</u>	<u>252</u>
P 3 <u>10</u>	<u>41</u>	<u>6</u>	<u>61</u>	<u>10</u>	<u>41</u>	<u>6</u>	<u>486</u>
P 4 <u>15</u>	<u>38</u>	<u>9</u>	<u>77</u>	<u>15</u>	<u>39</u>	<u>9</u>	<u>656</u>
P 5 <u>20</u>	<u>38</u>	<u>12</u>	<u>84</u>	<u>20</u>	<u>39</u>	<u>12</u>	<u>742</u>
P 6 <u>25</u>	<u>38</u>	<u>15</u>	<u>96</u>	<u>25</u>	<u>40</u>	<u>15</u>	<u>789</u>
P 7 <u> </u>	<u> </u>	<u>18</u>	<u>188</u>	<u>30</u>	<u>41</u>	<u>18</u>	<u>822</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>354</u>	<u>35</u>	<u>42</u>	<u>21</u>	<u>840</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>508</u>	<u>40</u>	<u>42</u>	<u>24</u>	<u>859</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>639</u>	<u>45</u>	<u>43</u>	<u>27</u>	<u>871</u>
P11 <u> </u>	<u> </u>	<u>30</u>	<u>723</u>	<u>50</u>	<u>44</u>	<u>30</u>	<u>883</u>
P12 <u> </u>	<u> </u>	<u>33</u>	<u>781</u>	<u>55</u>	<u>46</u>	<u>33</u>	<u>889</u>
P13 <u> </u>	<u> </u>	<u>36</u>	<u>820</u>	<u>60</u>	<u>47</u>	<u>36</u>	<u>895</u>
P14 <u> </u>	<u> </u>	<u>39</u>	<u>840</u>	<u> </u>	<u> </u>	<u>39</u>	<u>900</u>
P15 <u> </u>	<u> </u>	<u>42</u>	<u>859</u>	<u> </u>	<u> </u>	<u>42</u>	<u>906</u>
P16 <u> </u>	<u> </u>	<u>45</u>	<u>867</u>	<u> </u>	<u> </u>	<u>45</u>	<u>912</u>
P17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>48</u>	<u>915</u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>51</u>	<u>918</u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>54</u>	<u>920</u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>57</u>	<u>923</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 1/13/80 Test Ticket No. 5477
 Recorder No. 969 Capacity 4200 Location 4241 Ft.
 Clock No. ----- Elevation ----- Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2221</u> P.S.I.	Open Tool	<u>5:22P</u> M	
B First Initial Flow Pressure	<u>74</u> P.S.I.	First Flow Pressure	<u>25</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>38</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>867</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>47</u> P.S.I.			
G Final Closed-in Pressure	<u>939</u> P.S.I.			
H Final Hydrostatic Mud	<u>2192</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>30</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	927
P 2						66	929
P 3						69	931
P 4						72	933
P 5						75	934
P 6						78	935
P 7						81	936
P 8						84	937
P 9						87	938
P10						90	939
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

969

TKL # 5477
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