



**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8/13/80

Test Ticket No. 6608

Recorder No. 11018

Capacity 4425

Location 4394 Ft.

Clock No. - Elevation --

Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2200	P.S.I.	10:45A	M
B First Initial Flow Pressure	55	P.S.I.	30	Mins. 25 Mins.
C First Final Flow Pressure	55	P.S.I.	30	Mins. 27 Mins.
D Initial Closed-in Pressure	127	P.S.I.	60	Mins. 55 Mins.
E Second Initial Flow Pressure	66	P.S.I.	60	Mins. 57 Mins.
F Second Final Flow Pressure	68	P.S.I.		
G Final Closed-in Pressure	546	P.S.I.		
H Final Hydrostatic Mud	2177	P.S.I.		

**PRESSURE BREAKDOWN**

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

**Initial Shut-In**  
Breakdown: 9 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

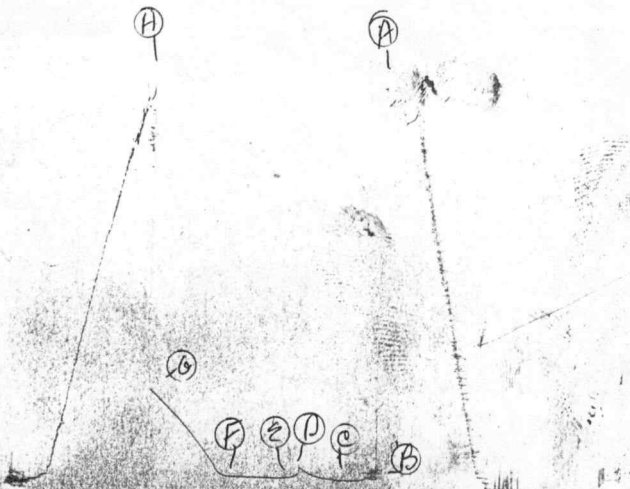
**Second Flow Pressure**  
Breakdown: 11 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Final Shut-In**  
Breakdown: 19 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>55</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>66</u>	<u>0</u>	<u>68</u>
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>60</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>80</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>64</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>98</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>66</u>	<u>15</u>	<u>66</u>	<u>9</u>	<u>131</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>69</u>	<u>20</u>	<u>66</u>	<u>12</u>	<u>169</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>76</u>	<u>25</u>	<u>66</u>	<u>15</u>	<u>202</u>
P 7		<u>18</u>	<u>82</u>	<u>30</u>	<u>66</u>	<u>18</u>	<u>233</u>
P 8		<u>21</u>	<u>93</u>	<u>35</u>	<u>67</u>	<u>21</u>	<u>264</u>
P 9		<u>24</u>	<u>106</u>	<u>40</u>	<u>67</u>	<u>24</u>	<u>291</u>
P10		<u>27</u>	<u>127</u>	<u>45</u>	<u>68</u>	<u>27</u>	<u>320</u>
P11				<u>50</u>	<u>68</u>	<u>30</u>	<u>340</u>
P12				<u>55</u>	<u>68</u>	<u>33</u>	<u>371</u>
P13						<u>36</u>	<u>396</u>
P14						<u>39</u>	<u>418</u>
P15						<u>42</u>	<u>440</u>
P16						<u>45</u>	<u>464</u>
P17						<u>48</u>	<u>487</u>
P18						<u>51</u>	<u>506</u>
P19						<u>54</u>	<u>527</u>
P20						<u>57</u>	<u>546</u>

JX # 6608  
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11078



Gear Petroleum Company, Inc.

Axtell #1

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_

Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 6609

Date 8/14/80 Sec. 7 Twp. 32S Range 11W County Barber State Kansas

Test Approved by Benny C. Singleton, Jr. Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4304 ft. to 4319 ft. Total Depth 4319 ft.

Packer Depth 4299 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4304 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4309 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4312 ft. Recorder Number 11019 Cap. 4500

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

Drilling Contractor Graves Drlg. Co.

Drill Collar Length 120 I. D. 2 3/4 in.

Mud Type - Viscosity 47

Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 12.2 cc.

Drill Pipe Length 4163 I. D. 4.0 in.

Chlorides 16,000 P.P.M.

Test Tool Length 21 ft. Tool Size 3 1/2 in.

Jars: Make - Serial Number -

Anchor Length 15 ft. Size 4 1/2 in.

Did Well Flow? - Reversed Out -

Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Very weak on first flow; No blow second flow period; flushed tool, good surge. No blow.

Recovered 15 ft. of drilling mud

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer(s) 10:45 ~~A.M.~~ P.M. Time Started Off Bottom 12:45 ~~A.M.~~ P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure \_\_\_\_\_ (A) 2222 P.S.I.

Initial Flow Period \_\_\_\_\_ Minutes 25 (B) 51 P.S.I. to (C) 51 P.S.I.

Initial Closed In Period \_\_\_\_\_ Minutes 30 (D) 51 P.S.I.

Final Flow Period \_\_\_\_\_ Minutes 30 (E) 51 P.S.I. to (F) 62 P.S.I.

Final Closed In Period \_\_\_\_\_ Minutes 18 (G) 138 P.S.I.

Final Hydrostatic Pressure \_\_\_\_\_ (H) 2217 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8/14/80 Test Ticket No. 6609  
 Recorder No. 11018 Capacity 4425 Location 4309 Ft.  
 Clock No. - Elevation - Well Temperature 112 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2222</u> P.S.I.	Open Tool	<u>10:45</u> M	
B First Initial Flow Pressure	<u>51</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>51</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>51</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>51</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>18</u> Mins.
F Second Final Flow Pressure	<u>62</u> P.S.I.			
G Final Closed-in Pressure	<u>138</u> P.S.I.			
H Final Hydrostatic Mud	<u>2217</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	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>51</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>62</u>	
P 2 <u>5</u>	<u>51</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>51</u>	<u>3</u>	<u>62</u>	
P 3 <u>10</u>	<u>51</u>	<u>6</u>	<u>51</u>	<u>10</u>	<u>71</u>	<u>6</u>	<u>71</u>	
P 4 <u>15</u>	<u>51</u>	<u>9</u>	<u>51</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>111</u>	
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>51</u>	<u>20</u>	<u>66</u>	<u>12</u>	<u>124</u>	
P 6 <u>25</u>	<u>51</u>	<u>15</u>	<u>51</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>131</u>	
P 7 _____	_____	<u>18</u>	<u>51</u>	<u>30</u>	<u>62</u>	<u>18</u>	<u>138</u>	
P 8 _____	_____	<u>21</u>	<u>51</u>	_____	_____	_____	_____	
P 9 _____	_____	<u>24</u>	<u>51</u>	_____	_____	_____	_____	
P10 _____	_____	<u>27</u>	<u>51</u>	_____	_____	_____	_____	
P11 _____	_____	<u>30</u>	<u>15</u>	_____	_____	_____	_____	
P12 _____	_____	_____	_____	_____	_____	_____	_____	
P13 _____	_____	_____	_____	_____	_____	_____	_____	
P14 _____	_____	_____	_____	_____	_____	_____	_____	
P15 _____	_____	_____	_____	_____	_____	_____	_____	
P16 _____	_____	_____	_____	_____	_____	_____	_____	
P17 _____	_____	_____	_____	_____	_____	_____	_____	
P18 _____	_____	_____	_____	_____	_____	_____	_____	
P19 _____	_____	_____	_____	_____	_____	_____	_____	
P20 _____	_____	_____	_____	_____	_____	_____	_____	

JK #6609

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14018 - 6609  
DST # 2

(H)

(A)

(G) (E)  
(F) (D) (C) (B)