

Company McCoy Petroleum Corporation Lease & Well No. Fort #1
 Elevation 1928 Derrick Floor Kansas City Effective Pay - Ft. Ticket No. 5562
 Date 4/2/80 Sec. 2 Twp. 25S Range 13W County Stafford State Kansas
 Test Approved by H. Deane Jirrels Western Representative Roger Lisenby
 Formation Test No. 1 Interval Tested from 3850 ft. to 3890 ft. Total Depth 3890 ft.
 Packer Depth 3845 ft. Size 6 3/4 in. Packer Depth 3850 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) 3853 ft. Recorder Number 1051 Cap. 4400
 Bottom Recorder Depth (Outside) 3856 ft. Recorder Number 2603 Cap. 4250
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Sweetman Drilling Rig #1 Drill Collar Length 276 I. D. 2 1/4 in.
 Mud Type starch Viscosity 44 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 7.2 cc. Drill Pipe Length 3553 I. D. 3.8 in.
 Chlorides ? P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.
 Jars: Make -- Serial Number - Anchor Length 40 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 XH in.
 Blow: Weak blow throughout first opening. No blow second opening.
Flushed tool, no blow.
 Recovered 60 ft. of mud with few spots of oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks: Packers pulled loose on first shut-in, no initial shut-in.

Time Set Packer(s) 7:25 ~~AM~~ P.M. Time Started Off Bottom 10:50 ~~AM~~ P.M. Maximum Temperature 116°
 Initial Hydrostatic Pressure (A) 2023 P.S.I.
 Initial Flow Period Minutes 30 (B) 54 P.S.I. to (C) 49 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1129 P.S.I.
 Final Flow Period Minutes 80 (E) 56 P.S.I. to (F) 65 P.S.I.
 Final Closed In Period Minutes 60 (G) 459 P.S.I.
 Final Hydrostatic Pressure (H) 1974 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 4/2/80 Test Ticket No. 5563
Recorder No. 1051 Capacity 4400 Location 3853 Ft.
Clock No. ----- Elevation 1928 Derrick Floor Well Temperature 116 °F

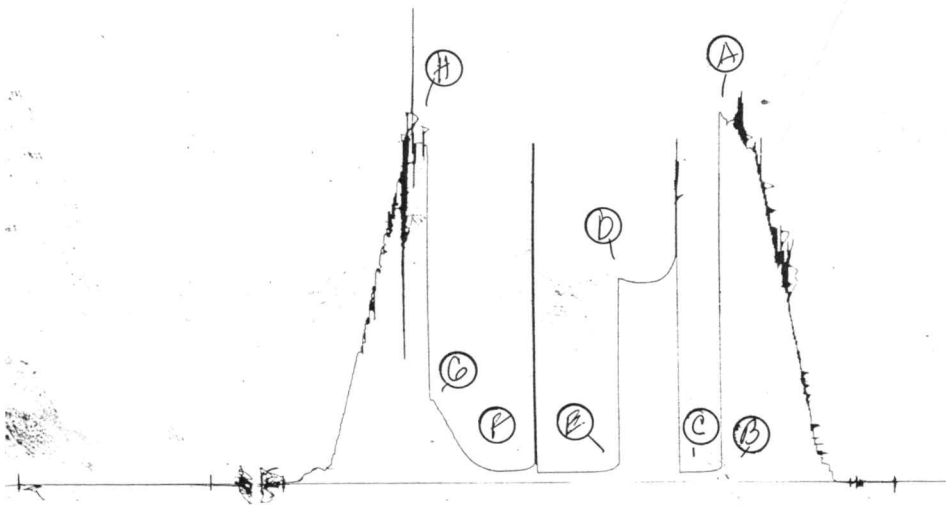
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2023</u> P.S.I.	Open Tool	<u>7:25P</u> M	
B First Initial Flow Pressure	<u>54</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>49</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1129</u> P.S.I.	Second Flow Pressure	<u>70</u> Mins.	<u>70</u> Mins.
E Second Initial Flow Pressure	<u>56</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>65</u> P.S.I.			
G Final Closed-in Pressure	<u>459</u> P.S.I.			
H Final Hydrostatic Mud	<u>1974</u> P.S.I.			

* Inaccurate reading

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>14</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>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>54</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>65</u>
P 2 <u>5</u>	<u>54</u>	<u>3</u>	<u>1239</u> *	<u>5</u>	<u>56</u>	<u>6</u>	<u>65</u>
P 3 <u>10</u>	<u>54</u>	<u>6</u>	<u>1193</u>	<u>10</u>	<u>56</u>	<u>9</u>	<u>65</u>
P 4 <u>15</u>	<u>54</u>	<u>9</u>	<u>1157</u>	<u>15</u>	<u>56</u>	<u>12</u>	<u>65</u>
P 5 <u>20</u>	<u>54</u>	<u>12</u>	<u>1135</u>	<u>20</u>	<u>56</u>	<u>15</u>	<u>65</u>
P 6 <u>25</u>	<u>54</u>	<u>15</u>	<u>1121</u>	<u>25</u>	<u>56</u>	<u>18</u>	<u>69</u>
P 7 <u>30</u>	<u>49</u>	<u>18</u>	<u>1113</u>	<u>30</u>	<u>56</u>	<u>21</u>	<u>74</u>
P 8		<u>21</u>	<u>1104</u>	<u>35</u>	<u>56</u>	<u>24</u>	<u>84</u>
P 9		<u>24</u>	<u>1104</u>	<u>40</u>	<u>56</u>	<u>27</u>	<u>95</u>
P10		<u>27</u>	<u>1104</u>	<u>45</u>	<u>56</u>	<u>30</u>	<u>110</u>
P11		<u>30</u>	<u>1104</u>	<u>50</u>	<u>56</u>	<u>33</u>	<u>127</u>
P12		<u>33</u>	<u>1106</u>	<u>55</u>	<u>56</u>	<u>36</u>	<u>154</u>
P13		<u>36</u>	<u>1112</u>	<u>60</u>	<u>56</u>	<u>39</u>	<u>178</u>
P14		<u>39</u>	<u>1118</u>	<u>65</u> flushed tool	<u>65</u>	<u>42</u>	<u>217</u>
P15		<u>42</u>	<u>1124</u>	<u>70</u>	<u>65</u>	<u>45</u>	<u>254</u>
P16		<u>45</u>	<u>1129</u>			<u>48</u>	<u>299</u>
P17						<u>51</u>	<u>344</u>
P18						<u>54</u>	<u>381</u>
P19						<u>57</u>	<u>418</u>
P20						<u>60</u>	<u>459</u>

TR4 # 5562
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Company McCoy Petroleum Corporation Lease & Well No. Fort #1
Elevation ----- Formation Simpson Effective Pay ----- Ft. Ticket No. 5694
Date 4/4/80 Sec. 2 Twp. 25S Range 13W County Stafford State Kansas
Test Approved by H. Deane Jirrels Western Representative Dave Sloan

Formation Test No. 2 Interval Tested from 4140 ft. to 4180 ft. Total Depth 4180 ft.
Packer Depth 4135 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4140 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4159 ft. Recorder Number 6246 Cap. 5200
Bottom Recorder Depth (Outside) 4162 ft. Recorder Number 2604 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sweetman Drilling Drill Collar Length 270 I. D. 2.2 in.
Mud Type starch Viscosity - Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 9.8 cc. Drill Pipe Length 3850 I. D. 3.8 in.
Chlorides 40,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 40 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 XH in.

Weak dying eight minutes on initial flow; flushed tool after being open
Blow: fifteen minutes.
Blow dead in three minutes.

Recovered 20 ft. of mud with few spots of oil
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Remarks: -

Time Set Packer(s) 8:00 ~~AM~~ P.M. Time Started Off Bottom 10:30 ~~AM~~ P.M. Maximum Temperature 119°
Initial Hydrostatic Pressure 2752 P.S.I.
Initial Flow Period 30 Minutes (B) 49 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period 45 Minutes (D) 1316 P.S.I.
Final Flow Period 30 Minutes (E) 58 P.S.I. to (F) 58 P.S.I.
Final Closed In Period 45 Minutes (G) 1220 P.S.I.
Final Hydrostatic Pressure 2475 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 4/4/80 Test Ticket No. 5694
 Recorder No. 6246 Capacity 5200 Location 4159 Ft.
 Clock No. ----- Elevation ----- Well Temperature 119 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2752 P.S.I. Open Tool 8:00P M
 B First Initial Flow Pressure 49 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 1316 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 58 P.S.I. Final Closed-in Pressure 45 Mins. 45 Mins.
 F Second Final Flow Pressure 58 P.S.I.
 G Final Closed-in Pressure 1220 P.S.I.
 H Final Hydrostatic Mud 2475 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>15</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>49</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>58</u>
P 2 <u>5</u>	<u>49</u>	<u>3</u>	<u>118</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>99</u>
P 3 <u>10</u>	<u>49</u>	<u>6</u>	<u>332</u>	<u>10</u>	<u>58</u>	<u>6</u>	<u>238</u>
P 4 <u>15</u>	<u>flushed tool</u>	<u>9</u>	<u>641</u>	<u>15</u>	<u>58</u>	<u>9</u>	<u>500</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>856</u>	<u>20</u>	<u>58</u>	<u>12</u>	<u>730</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>984</u>	<u>25</u>	<u>58</u>	<u>15</u>	<u>859</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>1057</u>	<u>30</u>	<u>58</u>	<u>18</u>	<u>948</u>
P 8		<u>21</u>	<u>1119</u>			<u>21</u>	<u>1010</u>
P 9		<u>24</u>	<u>1161</u>			<u>24</u>	<u>1049</u>
P10		<u>27</u>	<u>1197</u>			<u>27</u>	<u>1091</u>
P11		<u>30</u>	<u>1223</u>			<u>30</u>	<u>1119</u>
P12		<u>33</u>	<u>1242</u>			<u>33</u>	<u>1148</u>
P13		<u>36</u>	<u>1261</u>			<u>36</u>	<u>1168</u>
P14		<u>39</u>	<u>1283</u>			<u>39</u>	<u>1187</u>
P15		<u>42</u>	<u>1300</u>			<u>42</u>	<u>1202</u>
P16		<u>45</u>	<u>1316</u>			<u>45</u>	<u>1220</u>
P17							
P18							
P19							
P20							

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