

Company MCCoy Petroleum Corporation Lease & Well No. Cramer "B" #1  
 Elevation ---- Formation Mississippi Effective Pay --- Ft. Ticket No. 6184  
 Date 6/1/80 Sec. 15 Twp. 31S Range 8W County Harper State Kansas  
 Test Approved by H. Deane Jirrels Western Representative Dave Sloan  
 Formation Test No. 1 Interval Tested from 4373 ft. to 4386 ft. Total Depth 4386 ft.  
 Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4373 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 4377 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 4380 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -  
 Drilling Contractor Sweetman Drilling Drill Collar Length 270 I. D. 3.2 in.  
 Mud Type starch Viscosity 56 Weight Pipe Length - I. D. - in.  
 Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 4083 I. D. 3.8 in.  
 Chlorides - P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.  
 Jars: Make - Serial Number - Anchor Length 13 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 XH in.

Blow: Strong. Gas to surface four minutes on initial flow period. See attached sheet for gas measurements.

Recovered 240 ft. of froggy mud - oil emulsion  
 Recovered 120 ft. of muddy oil  
 Recovered 120 ft. of salt water  
 Recovered        ft. of         
 Recovered        ft. of       

Remarks:       

Time Set Packer(s) 3:30 A.M. Time Started Off Bottom 7:45 A.M. Maximum Temperature 122°  
 Initial Hydrostatic Pressure 2234 P.S.I.  
 Initial Flow Period 100 Minutes (B) 98 P.S.I. to (C) 98 P.S.I.  
 Initial Closed In Period 1372 Minutes (D) 134 P.S.I.  
 Final Flow Period 1276 Minutes (E) 179 P.S.I. to (F) 179 P.S.I.  
 Final Closed In Period 2127 Minutes (G)        P.S.I.  
 Final Hydrostatic Pressure        (H)        P.S.I.

**GAS FLOW REPORT**

Date 6/1/80 Ticket 6184 Company McCoy Petroleum Corporation  
Well Name and No. Cramer "B" #1 Dst No. 1 Interval Tested 4373'-4386'  
County Harper State Kansas Sec. 15 Twp. 31S Rg. 8W

| Time Gauge Pre-Flow | Time Gauge in Min. | P.S.I. on Merla 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                 |
|---------------------|--------------------|-------------------------------------|------------------------|------------------------------|-------------------------|-------------------------------------|
| <b>PRE FLOW</b>     |                    |                                     |                        |                              |                         | <b>GAS TO SURFACE FOUR MINUTES.</b> |
|                     | 10 min.            | 4 lbs.                              | 1" orifice             |                              |                         | 283,000 CFPD                        |
|                     | 15 min.            | 4 lbs.                              | 1" orifice             |                              |                         | 283,000 CFPD                        |
|                     | 20 min.            | 4 lbs.                              | 1" orifice             |                              |                         | 283,000 CFPD                        |
|                     | 25 min.            | 4 lbs.                              | 1" orifice             |                              |                         | 283,000 CFPD                        |
|                     | 30 min.            | 4 lbs.                              | 1" orifice             |                              |                         | 283,000 CFPD                        |

|                    |         |              |             |  |              |
|--------------------|---------|--------------|-------------|--|--------------|
| <b>SECOND FLOW</b> |         |              |             |  |              |
|                    | 5 min.  | 50" of water | 1½" orifice |  | 493,000 CFPD |
|                    | 10 min. | 48" of water | 1½" orifice |  | 482,000 CFPD |
|                    | 15 min. | 42" of water | 1½" orifice |  | 451,000 CFPD |
|                    | 20 min. | 36" of water | 1½" orifice |  | 418,000 CFPD |
|                    | 25 min. | 33" of water | 1½" orifice |  | 400,000 CFPD |
|                    | 30 min. | 31" of water | 1½" orifice |  | 387,000 CFPD |
|                    | 35 min. | 30" of water | 1½" orifice |  | 381,000 CFPD |
|                    | 40 min. | 28" of water | 1½" orifice |  | 368,000 CFPD |
|                    | 45 min. | 27" of water | 1½" orifice |  | 361,000 CFPD |
|                    | 50 min. | 26" of water | 1½" orifice |  | 355,000 CFPD |
|                    | 55 min. | 24" of water | 1½" orifice |  | 341,000 CFPD |
|                    | 60 min. | 24" of water | 1½" orifice |  | 341,000 CFPD |
|                    | 65 min. | 23" of water | 1½" orifice |  | 333,000 CFPD |

**GAS BOTTLE**

Serial No. -- Date Bottle Filled --- Date to be Invoiced 6/1/80

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 McCoy Petroleum Corporation  
H. Deane Jirrels

Authorized by \_\_\_\_\_

# WESTERN TESTING CO., INC.

## Pressure Data

Date 6-1-80 Test Ticket No. 6184  
Recorder No. 2604 Capacity 4150 Location 4377 Ft.  
Clock No. ---- Elevation ---- Well Temperature 122 °F

| Point                          | Pressure           |                            | Time Given      | Time Computed   |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2234</u> P.S.I. | Open Tool                  | <u>3:30 A M</u> |                 |
| B First Initial Flow Pressure  | <u>100</u> P.S.I.  | First Flow Pressure        | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>98</u> P.S.I.   | Initial Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| D Initial Closed-in Pressure   | <u>1372</u> P.S.I. | Second Flow Pressure       | <u>90</u> Mins. | <u>90</u> Mins. |
| E Second Initial Flow Pressure | <u>134</u> P.S.I.  | Final Closed-in Pressure   | <u>90</u> Mins. | <u>93</u> Mins. |
| F Second Final Flow Pressure   | <u>179</u> P.S.I.  |                            |                 |                 |
| G Final Closed-in Pressure     | <u>1276</u> P.S.I. |                            |                 |                 |
| H Final Hydrostatic Mud        | <u>2127</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>16</u> Inc.   |             | Breakdown: <u>18</u> Inc.   |            | Breakdown: <u>31</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>100</u> | <u>0</u>                    | <u>98</u>   | <u>0</u>                    | <u>134</u> | <u>0</u>                    | <u>179</u>  |
| P 2 <u>5</u>                | <u>95</u>  | <u>3</u>                    | <u>487</u>  | <u>5</u>                    | <u>128</u> | <u>3</u>                    | <u>577</u>  |
| P 3 <u>10</u>               | <u>91</u>  | <u>6</u>                    | <u>862</u>  | <u>10</u>                   | <u>125</u> | <u>6</u>                    | <u>872</u>  |
| P 4 <u>15</u>               | <u>91</u>  | <u>9</u>                    | <u>1084</u> | <u>15</u>                   | <u>125</u> | <u>9</u>                    | <u>954</u>  |
| P 5 <u>20</u>               | <u>92</u>  | <u>12</u>                   | <u>1176</u> | <u>20</u>                   | <u>126</u> | <u>12</u>                   | <u>1004</u> |
| P 6 <u>25</u>               | <u>97</u>  | <u>15</u>                   | <u>1228</u> | <u>25</u>                   | <u>128</u> | <u>15</u>                   | <u>1040</u> |
| P 7 <u>30</u>               | <u>98</u>  | <u>18</u>                   | <u>1249</u> | <u>30</u>                   | <u>133</u> | <u>18</u>                   | <u>1060</u> |
| P 8                         |            | <u>21</u>                   | <u>1269</u> | <u>35</u>                   | <u>138</u> | <u>21</u>                   | <u>1081</u> |
| P 9                         |            | <u>24</u>                   | <u>1288</u> | <u>40</u>                   | <u>142</u> | <u>24</u>                   | <u>1101</u> |
| P10                         |            | <u>27</u>                   | <u>1308</u> | <u>45</u>                   | <u>146</u> | <u>27</u>                   | <u>1120</u> |
| P11                         |            | <u>30</u>                   | <u>1328</u> | <u>50</u>                   | <u>150</u> | <u>30</u>                   | <u>1140</u> |
| P12                         |            | <u>33</u>                   | <u>1336</u> | <u>55</u>                   | <u>154</u> | <u>33</u>                   | <u>1151</u> |
| P13                         |            | <u>36</u>                   | <u>1344</u> | <u>60</u>                   | <u>157</u> | <u>36</u>                   | <u>1162</u> |
| P14                         |            | <u>39</u>                   | <u>1352</u> | <u>65</u>                   | <u>161</u> | <u>39</u>                   | <u>1173</u> |
| P15                         |            | <u>42</u>                   | <u>1359</u> | <u>70</u>                   | <u>165</u> | <u>42</u>                   | <u>1184</u> |
| P16                         |            | <u>45</u>                   | <u>1366</u> | <u>75</u>                   | <u>169</u> | <u>45</u>                   | <u>1194</u> |
| P17                         |            | <u>48</u>                   | <u>1372</u> | <u>80</u>                   | <u>173</u> | <u>48</u>                   | <u>1201</u> |
| P18                         |            |                             |             | <u>85</u>                   | <u>176</u> | <u>51</u>                   | <u>1208</u> |
| P19                         |            |                             |             | <u>90</u>                   | <u>179</u> | <u>54</u>                   | <u>1215</u> |
| P20                         |            |                             |             |                             |            | <u>57</u>                   | <u>1223</u> |
|                             |            |                             |             |                             |            | <u>60</u>                   | <u>1230</u> |

# WESTERN TESTING CO., INC.

## Pressure Data

Date 6-1-80 Test Ticket No. 6184  
 Recorder No. 2604 Capacity 4150 Location 4377 Ft.  
 Clock No. ---- Elevation ---- Well Temperature 122 °F

| Point                                     | Pressure |                            | Time Given       | Time Computed   |
|-------------------------------------------|----------|----------------------------|------------------|-----------------|
| A Initial Hydrostatic Mud <u>2234</u>     | P.S.I.   | Open Tool                  | <u>3:30 A.M.</u> |                 |
| B First Initial Flow Pressure <u>100</u>  | P.S.I.   | First Flow Pressure        | <u>30</u> Mins.  | <u>30</u> Mins. |
| C First Final Flow Pressure <u>98</u>     | P.S.I.   | Initial Closed-in Pressure | <u>45</u> Mins.  | <u>48</u> Mins. |
| D Initial Closed-in Pressure <u>1372</u>  | P.S.I.   | Second Flow Pressure       | <u>90</u> Mins.  | <u>90</u> Mins. |
| E Second Initial Flow Pressure <u>134</u> | P.S.I.   | Final Closed-in Pressure   | <u>90</u> Mins.  | <u>93</u> Mins. |
| F Second Final Flow Pressure <u>179</u>   | P.S.I.   |                            |                  |                 |
| G Final Closed-in Pressure <u>1276</u>    | P.S.I.   |                            |                  |                 |
| H Final Hydrostatic Mud <u>2127</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>16</u> Inc.   |        | Breakdown: <u>18</u> Inc.   |        | Breakdown: <u>31</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                          | 1235   |
| P 2                         |        |                             |        |                             |        | 66                          | 1239   |
| P 3                         |        |                             |        |                             |        | 69                          | 1243   |
| P 4                         |        |                             |        |                             |        | 72                          | 1247   |
| P 5                         |        |                             |        |                             |        | 75                          | 1251   |
| P 6                         |        |                             |        |                             |        | 78                          | 1255   |
| P 7                         |        |                             |        |                             |        | 81                          | 1260   |
| P 8                         |        |                             |        |                             |        | 84                          | 1264   |
| P 9                         |        |                             |        |                             |        | 87                          | 1268   |
| P10                         |        |                             |        |                             |        | 90                          | 1272   |
| P11                         |        |                             |        |                             |        | 93                          | 1276   |
| P12                         |        |                             |        |                             |        |                             |        |
| P13                         |        |                             |        |                             |        |                             |        |
| P14                         |        |                             |        |                             |        |                             |        |
| P15                         |        |                             |        |                             |        |                             |        |
| P16                         |        |                             |        |                             |        |                             |        |
| P17                         |        |                             |        |                             |        |                             |        |
| P18                         |        |                             |        |                             |        |                             |        |
| P19                         |        |                             |        |                             |        |                             |        |
| P20                         |        |                             |        |                             |        |                             |        |

26004

McCoy  
Cramer B-1  
DSTI

TRC #6184

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