

Company McCoy Petroleum Company Lease & Well No. McMoran #1  
Elevation -- Formation Kansas City Effective Pay -- Ft. Ticket No. 1514  
Date 1/7/79 Sec. 9 Twp. 35S Range 16W County Commanche State Kansas  
Test Approved by Peter J. Stubbs Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4924' ft. to 5000' ft. Total Depth 5000 ft.

Packer Depth 4919 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4924 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4929 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4932 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Sweetman Drilling Rig #1 Drill Collar Length 277 I. D. 2 1/4 in.

Mud Type chemical Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 30.0 cc. Drill Pipe Length 4618' I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 29' in. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 408 Anchor Length 76' 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 FH in.

Blow: Strong blow throughout flow periods.

Recovered 250 ft. of drilling mud

Recovered        ft. of       

Recovered        ft. of       

Recovered        ft. of       

Recovered        ft. of       

Remarks:       

Time Set Packer(s) 5:45 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 9:00 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 121

Initial Hydrostatic Pressure        (A) 2432 P.S.I.

Initial Flow Period 30 Minutes (B) 87 P.S.I. to (C) 95 P.S.I.

Initial Closed In Period 45 Minutes (D) 1513 P.S.I.

Final Flow Period 60 Minutes (E) 116 P.S.I. to (F) 135 P.S.I.

Final Closed In Period 60 Minutes (G) 1268 P.S.I.

Final Hydrostatic Pressure        (H) 2394 P.S.I.

# WESTERN TESTING CO., INC.

## Pressure Data

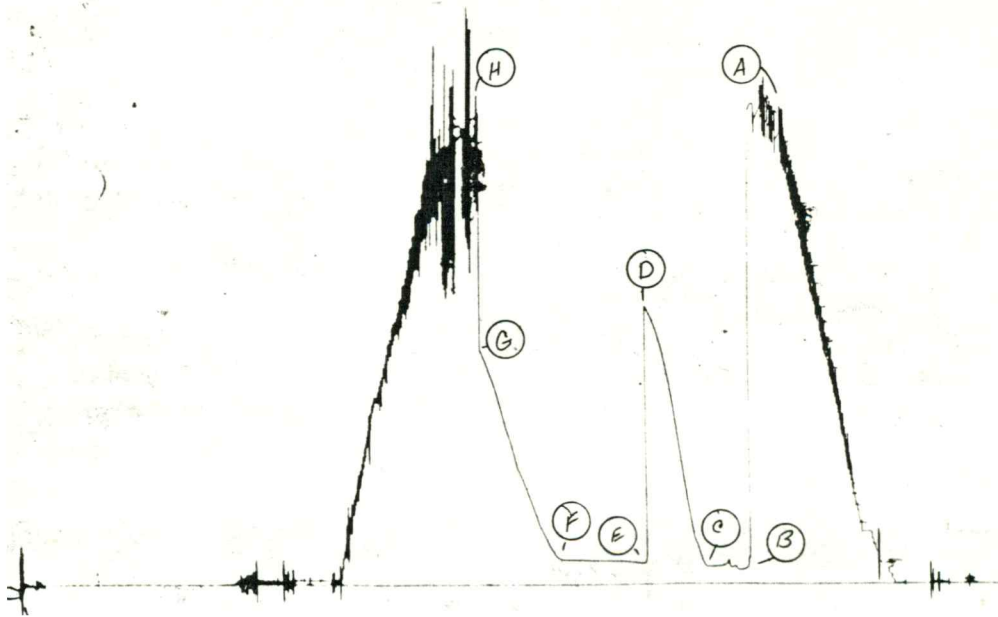
Date 1/7/79 Recorder No. 2607 Capacity 4150 Location 4929 Ft. Test Ticket No. 1514  
 Clock No. -- Elevation -- Well Temperature 121 °F

| Point                          | Pressure    |                            | Time Given | Time Computed |
|--------------------------------|-------------|----------------------------|------------|---------------|
| A Initial Hydrostatic Mud      | 2432 P.S.I. | Open Tool                  | 5:45A M    |               |
| B First Initial Flow Pressure  | 87 P.S.I.   | First Flow Pressure        | 30 Mins.   | 30 Mins.      |
| C First Final Flow Pressure    | 95 P.S.I.   | Initial Closed-in Pressure | 45 Mins.   | 45 Mins.      |
| D Initial Closed-in Pressure   | 1513 P.S.I. | Second Flow Pressure       | 60 Mins.   | 60 Mins.      |
| E Second Initial Flow Pressure | 116 P.S.I.  | Final Closed-in Pressure   | 60 Mins.   | 60 Mins.      |
| F Second Final Flow Pressure   | 135 P.S.I.  |                            |            |               |
| G Final Closed-in Pressure     | 1268 P.S.I. |                            |            |               |
| H Final Hydrostatic Mud        | 2394 P.S.I. |                            |            |               |

## PRESSURE BREAKDOWN

| First Flow Pressure<br>Breakdown: <u>6</u> Inc.<br>of <u>5</u> mins. and a<br>final inc. of <u>0</u> Min. |            | Initial Shut-In<br>Breakdown: <u>15</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>0</u> Min. |             | Second Flow Pressure<br>Breakdown: <u>12</u> Inc.<br>of <u>5</u> mins. and a<br>final inc. of <u>0</u> Min. |            | Final Shut-In<br>Breakdown: <u>20</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>0</u> Min. |             |
|-----------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------|-------------|
| Point<br>Mins.                                                                                            | Press.     | Point<br>Minutes                                                                                       | Press.      | Point<br>Minutes                                                                                            | Press.     | Point<br>Minutes                                                                                     | Press.      |
| P 1 <u>0</u>                                                                                              | <u>87</u>  | <u>0</u>                                                                                               | <u>95</u>   | <u>0</u>                                                                                                    | <u>116</u> | <u>0</u>                                                                                             | <u>135</u>  |
| P 2 <u>5</u>                                                                                              | <u>76</u>  | <u>3</u>                                                                                               | <u>137</u>  | <u>5</u>                                                                                                    | <u>121</u> | <u>3</u>                                                                                             | <u>144</u>  |
| P 3 <u>10</u>                                                                                             | <u>97</u>  | <u>6</u>                                                                                               | <u>201</u>  | <u>10</u>                                                                                                   | <u>125</u> | <u>6</u>                                                                                             | <u>163</u>  |
| P 4 <u>15</u>                                                                                             | <u>131</u> | <u>9</u>                                                                                               | <u>260</u>  | <u>15</u>                                                                                                   | <u>129</u> | <u>9</u>                                                                                             | <u>188</u>  |
| P 5 <u>20</u>                                                                                             | <u>97</u>  | <u>12</u>                                                                                              | <u>386</u>  | <u>20</u>                                                                                                   | <u>131</u> | <u>12</u>                                                                                            | <u>237</u>  |
| P 6 <u>25</u>                                                                                             | <u>95</u>  | <u>15</u>                                                                                              | <u>529</u>  | <u>25</u>                                                                                                   | <u>132</u> | <u>15</u>                                                                                            | <u>288</u>  |
| P 7 <u>30</u>                                                                                             | <u>95</u>  | <u>18</u>                                                                                              | <u>671</u>  | <u>30</u>                                                                                                   | <u>132</u> | <u>18</u>                                                                                            | <u>333</u>  |
| P 8                                                                                                       |            | <u>21</u>                                                                                              | <u>797</u>  | <u>35</u>                                                                                                   | <u>133</u> | <u>21</u>                                                                                            | <u>407</u>  |
| P 9                                                                                                       |            | <u>24</u>                                                                                              | <u>937</u>  | <u>40</u>                                                                                                   | <u>133</u> | <u>24</u>                                                                                            | <u>460</u>  |
| P10                                                                                                       |            | <u>27</u>                                                                                              | <u>1063</u> | <u>45</u>                                                                                                   | <u>134</u> | <u>27</u>                                                                                            | <u>523</u>  |
| P11                                                                                                       |            | <u>30</u>                                                                                              | <u>1184</u> | <u>50</u>                                                                                                   | <u>134</u> | <u>30</u>                                                                                            | <u>587</u>  |
| P12                                                                                                       |            | <u>33</u>                                                                                              | <u>1274</u> | <u>55</u>                                                                                                   | <u>135</u> | <u>33</u>                                                                                            | <u>641</u>  |
| P13                                                                                                       |            | <u>36</u>                                                                                              | <u>1343</u> | <u>60</u>                                                                                                   | <u>135</u> | <u>36</u>                                                                                            | <u>720</u>  |
| P14                                                                                                       |            | <u>39</u>                                                                                              | <u>1414</u> |                                                                                                             |            | <u>39</u>                                                                                            | <u>795</u>  |
| P15                                                                                                       |            | <u>42</u>                                                                                              | <u>1466</u> |                                                                                                             |            | <u>42</u>                                                                                            | <u>866</u>  |
| P16                                                                                                       |            | <u>45</u>                                                                                              | <u>1513</u> |                                                                                                             |            | <u>45</u>                                                                                            | <u>950</u>  |
| P17                                                                                                       |            |                                                                                                        |             |                                                                                                             |            | <u>48</u>                                                                                            | <u>1029</u> |
| P18                                                                                                       |            |                                                                                                        |             |                                                                                                             |            | <u>51</u>                                                                                            | <u>1098</u> |
| P19                                                                                                       |            |                                                                                                        |             |                                                                                                             |            | <u>54</u>                                                                                            | <u>1161</u> |
| P20                                                                                                       |            |                                                                                                        |             |                                                                                                             |            | <u>57</u>                                                                                            | <u>1222</u> |
|                                                                                                           |            |                                                                                                        |             |                                                                                                             |            | <u>60</u>                                                                                            | <u>1268</u> |

TOT # 1514  
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McCoy Petroleum Company

McMoran #1

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

Elevation -- Formation -- Effective Pay -- Ft. Ticket No. 1515

Date 1/8/79 Sec. 9 Twp 35S Range 16W County Commanche State Kansas

Test Approved by Peter J. Stubbs Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 5012' ft. to 5050' ft. Total Depth 5050' ft.

Packer Depth 5007 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 5012 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 5040 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 5043 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Sweetman Drilling Rig #1 Drill Collar Length 337 I. D. 2 1/4 in.

Mud Type chemical Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 10.0 cc. Drill Pipe Length 4646 I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 29' in. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 408 Anchor Length 38' ft. Size 5 1/2 OD in.

Did Well Flow? Yes 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: Strong bow throughout flow periods. Gas to surface in 24 minutes on pre-flow--too small to measure. 35,500 C.F.P.D on opening of second flow--too small to measure thereafter.

Recovered 190 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:15 A.M. Time Started Off Bottom 10:30 A.M. Maximum Temperature 129

Initial Hydrostatic Pressure (A) 2616 P.S.I.

Initial Flow Period Minutes 30 (B) 88 P.S.I. to (C) 76 P.S.I.

Initial Closed In Period Minutes 45 (D) 1374 P.S.I.

Final Flow Period Minutes 60 (E) 112 P.S.I. to (F) 93 P.S.I.

Final Closed In Period Minutes 60 (G) 1130 P.S.I.

Final Hydrostatic Pressure (H) 2580 P.S.I.

# WESTERN TESTING CO., INC.

## Pressure Data

Date 1/8/79

Test Ticket No. 1515

Recorder No. 2607 Capacity 4150 Location 5040 Ft.

Clock No. -- Elevation -- Well Temperature 129 °F

| Point                          | Pressure |        | Time Given | Time Computed  |
|--------------------------------|----------|--------|------------|----------------|
| A Initial Hydrostatic Mud      | 2616     | P.S.I. | 7:15A      | M              |
| B First Initial Flow Pressure  | 88       | P.S.I. | 30         | Mins. 30 Mins. |
| C First Final Flow Pressure    | 76       | P.S.I. | 45         | Mins. 45 Mins. |
| D Initial Closed-in Pressure   | 1374     | P.S.I. | 60         | Mins. 60 Mins. |
| E Second Initial Flow Pressure | 112      | P.S.I. | 60         | Mins. 60 Mins. |
| F Second Final Flow Pressure   | 93       | P.S.I. |            |                |
| G Final Closed-in Pressure     | 1130     | P.S.I. |            |                |
| H Final Hydrostatic Mud        | 2580     | P.S.I. |            |                |

## PRESSURE BREAKDOWN

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

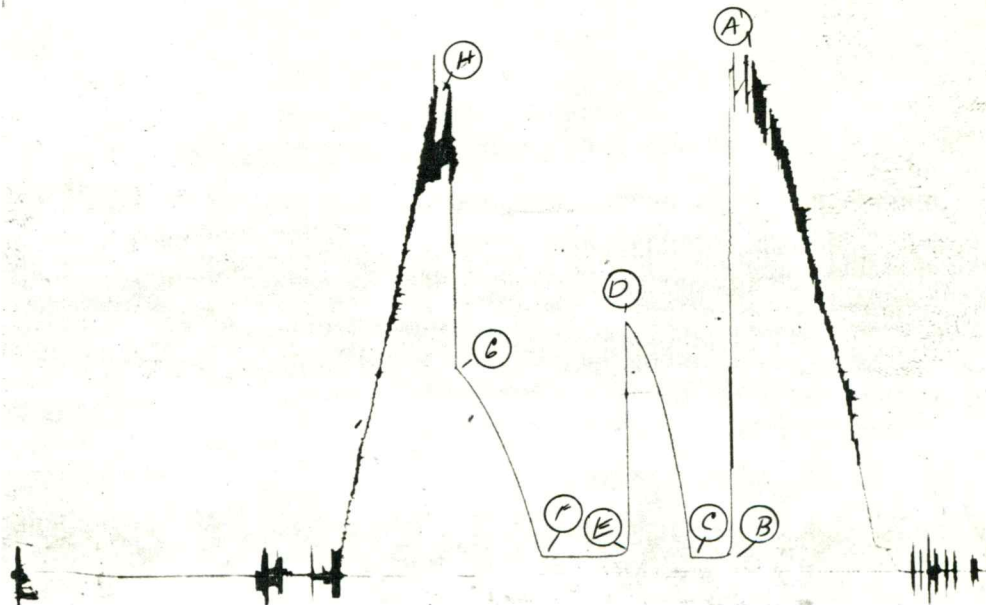
Initial Shut-In  
Breakdown: 15 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Second Flow Pressure  
Breakdown: 12 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>  | 88     | 0             | 76     | 0             | 112    | 0             | 93     |
| P 2 <u>5</u>  | 90     | 3             | 222    | 5             | 99     | 3             | 133    |
| P 3 <u>10</u> | 76     | 6             | 386    | 10            | 93     | 6             | 210    |
| P 4 <u>15</u> | 76     | 9             | 510    | 15            | 93     | 9             | 292    |
| P 5 <u>20</u> | 76     | 12            | 637    | 20            | 93     | 12            | 371    |
| P 6 <u>25</u> | 76     | 15            | 766    | 25            | 93     | 15            | 439    |
| P 7 <u>30</u> | 76     | 18            | 860    | 30            | 93     | 18            | 497    |
| P 8           |        | 21            | 944    | 35            | 93     | 21            | 555    |
| P 9           |        | 24            | 1015   | 40            | 93     | 24            | 602    |
| P10           |        | 27            | 1090   | 45            | 93     | 27            | 670    |
| P11           |        | 30            | 1153   | 50            | 93     | 30            | 727    |
| P12           |        | 33            | 1198   | 55            | 93     | 33            | 771    |
| P13           |        | 36            | 1243   | 60            | 93     | 36            | 809    |
| P14           |        | 39            | 1288   |               |        | 39            | 854    |
| P15           |        | 42            | 1330   |               |        | 42            | 902    |
| P16           |        | 45            | 1374   |               |        | 45            | 948    |
| P17           |        |               |        |               |        | 48            | 984    |
| P18           |        |               |        |               |        | 51            | 1020   |
| P19           |        |               |        |               |        | 54            | 1056   |
| P20           |        |               |        |               |        | 57            | 1094   |
|               |        |               |        |               |        | 60            | 1130   |

TBA # 1515  
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|                                                                                                   |                                  |                    |                  |                                          |                     |                                 |             |
|---------------------------------------------------------------------------------------------------|----------------------------------|--------------------|------------------|------------------------------------------|---------------------|---------------------------------|-------------|
| Company <u>McCoy Petroleum Company</u>                                                            |                                  |                    |                  | Lease & Well No. <u>McMoran #1</u>       |                     |                                 |             |
| Elevation <u>--</u>                                                                               |                                  |                    |                  | Ticket No. <u>1516</u>                   |                     |                                 |             |
| Formation <u>Mississippi</u>                                                                      |                                  |                    |                  | Effective Pay <u>--</u>                  |                     |                                 |             |
| Date <u>1/10/79</u>                                                                               | Sec. <u>9</u>                    | Twp. <u>35S</u>    | Range <u>16W</u> | County <u>Commanche</u>                  | State <u>Kansas</u> |                                 |             |
| Test Approved by <u>Robert E. McCann</u>                                                          |                                  |                    |                  | Western Representative <u>Jim Wondra</u> |                     |                                 |             |
| Formation Test No. <u>3</u>                                                                       | Interval Tested from <u>5272</u> | ft. to <u>5340</u> | ft.              | Total Depth <u>5340</u>                  | ft.                 |                                 |             |
| Packer Depth <u>5267</u>                                                                          | ft.                              | Size <u>6 3/4</u>  | in.              | Packer Depth <u>-</u>                    | ft.                 | Size <u>-</u>                   | in.         |
| Packer Depth <u>5272</u>                                                                          | ft.                              | Size <u>6 3/4</u>  | in.              | Packer Depth <u>-</u>                    | ft.                 | Size <u>-</u>                   | in.         |
| Depth of Selective Zone Set <u>--</u>                                                             |                                  |                    |                  |                                          |                     |                                 |             |
| Top Recorder Depth (Inside)                                                                       |                                  | <u>5299</u>        | ft.              | Recorder Number <u>2607</u>              | Cap. <u>4150</u>    |                                 |             |
| Bottom Recorder Depth (Outside)                                                                   |                                  | <u>5302</u>        | ft.              | Recorder Number <u>3351</u>              | Cap. <u>4000</u>    |                                 |             |
| Below Straddle Recorder Depth                                                                     |                                  | <u>-</u>           | ft.              | Recorder Number <u>-</u>                 | Cap. <u>-</u>       |                                 |             |
| Drilling Contractor <u>Sweetman Drilling Rig #1</u>                                               |                                  |                    |                  | Drill Collar Length <u>124</u>           | I. D. <u>2 1/4</u>  | in.                             |             |
| Mud Type <u>chemical</u> Viscosity <u>50</u>                                                      |                                  |                    |                  | Weight Pipe Length <u>-</u>              | I. D. <u>-</u>      | in.                             |             |
| Weight <u>9.4</u> Water Loss <u>8.0</u> cc.                                                       |                                  |                    |                  | Drill Pipe Length <u>5119</u>            | I. D. <u>3.8</u>    | in.                             |             |
| Chlorides <u>15,000</u> P.P.M.                                                                    |                                  |                    |                  | Test Tool Length <u>29'</u>              | in.                 | Tool Size <u>5 1/2 OD</u>       | in.         |
| Jars: Make <u>WTC</u> Serial Number <u>408</u>                                                    |                                  |                    |                  | Anchor Length <u>68'</u>                 | ft.                 | Size <u>5 1/2 OD</u>            | in.         |
| Did Well Flow? <u>Yes</u> Reversed Out <u>No</u>                                                  |                                  |                    |                  | Surface Choke Size <u>3/4</u>            | in.                 | Bottom Choke Size <u>3/4</u>    | in.         |
|                                                                                                   |                                  |                    |                  | Main Hole Size <u>7 7/8</u>              | in.                 | Tool Joint Size <u>4 1/2 FH</u> | in.         |
| Blow: <u>Weak to strong blow on first flow period. Strong blow throughout second flow period.</u> |                                  |                    |                  |                                          |                     |                                 |             |
| <u>Gas to surface in six minutes on second flow. See attached sheet for gas measurements.</u>     |                                  |                    |                  |                                          |                     |                                 |             |
| Recovered <u>90</u> ft. of <u>gas cut mud</u>                                                     |                                  |                    |                  |                                          |                     |                                 |             |
| Recovered _____ ft. of _____                                                                      |                                  |                    |                  |                                          |                     |                                 |             |
| Recovered _____ ft. of _____                                                                      |                                  |                    |                  |                                          |                     |                                 |             |
| Recovered _____ ft. of _____                                                                      |                                  |                    |                  |                                          |                     |                                 |             |
| Recovered _____ ft. of _____                                                                      |                                  |                    |                  |                                          |                     |                                 |             |
| Remarks: _____                                                                                    |                                  |                    |                  |                                          |                     |                                 |             |
|                                                                                                   |                                  |                    |                  |                                          |                     |                                 |             |
|                                                                                                   |                                  |                    |                  |                                          |                     |                                 |             |
| Time Set                                                                                          | Packer(s)                        | <u>6:15</u>        | <u>A.M.</u>      | Time Started                             | Off Bottom          | <u>10:00</u>                    | <u>A.M.</u> |
|                                                                                                   |                                  | <u>P.M.</u>        |                  |                                          |                     | <u>P.M.</u>                     |             |
|                                                                                                   |                                  |                    |                  |                                          |                     | Maximum Temperature             | <u>132</u>  |
| Initial Hydrostatic Pressure                                                                      |                                  |                    |                  | (A)                                      | <u>2815</u>         | P.S.I.                          |             |
| Initial Flow Period                                                                               |                                  |                    |                  | Minutes                                  | <u>30</u>           | (B)                             | <u>352</u>  |
|                                                                                                   |                                  |                    |                  |                                          |                     | P.S.I. to (C)                   | <u>424</u>  |
|                                                                                                   |                                  |                    |                  |                                          |                     | P.S.I.                          |             |
| Initial Closed In Period                                                                          |                                  |                    |                  | Minutes                                  | <u>45</u>           | (D)                             | <u>1595</u> |
|                                                                                                   |                                  |                    |                  |                                          |                     | P.S.I.                          |             |
| Final Flow Period                                                                                 |                                  |                    |                  | Minutes                                  | <u>60</u>           | (E)                             | <u>494</u>  |
|                                                                                                   |                                  |                    |                  |                                          |                     | P.S.I. to (F)                   | <u>485</u>  |
|                                                                                                   |                                  |                    |                  |                                          |                     | P.S.I.                          |             |
| Final Closed In Period                                                                            |                                  |                    |                  | Minutes                                  | <u>90</u>           | (G)                             | <u>1914</u> |
|                                                                                                   |                                  |                    |                  |                                          |                     | P.S.I.                          |             |
| Final Hydrostatic Pressure                                                                        |                                  |                    |                  | (H)                                      | <u>2744</u>         | P.S.I.                          |             |

Phone 316 262-5861  
316 838-0601



P. O. Box 1599  
WICHITA, KANSAS 67201

## GAS FLOW REPORT

Date 1/10/79 Ticket 1516 Company McCoy Petroleum Company  
Well Name and No. McMoran #1 Dst No. 3 Interval Tested 5272' - 5340'  
County Commanche State Kansas Sec. 9 Twp. 35S Rg. 16W

| 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 |
|---------------------|--------------------|-------------------------------------|------------------------|------------------------------|-------------------------|---------------------|
| PRE FLOW            |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |

Gas to surface in six minutes.

### SECOND FLOW

|         |                        |  |  |  |  |             |
|---------|------------------------|--|--|--|--|-------------|
| 10 min. | 15" water 1/4" orifice |  |  |  |  | 6,550 CFPD  |
| 20 min. | 26" water 1/4" orifice |  |  |  |  | 8,560 CFPD  |
| 30 min. | 30" water 1/4" orifice |  |  |  |  | 9,200 CFPD  |
| 40 min. | 8" water 1/2" orifice  |  |  |  |  | 17,200 CFPD |
| 50 min. | 6" water 1/2" orifice  |  |  |  |  | 15,400 CFPD |
| 60 min. | 5" water 1/2" orifice  |  |  |  |  | 14,100 CFPD |
|         |                        |  |  |  |  |             |
|         |                        |  |  |  |  |             |
|         |                        |  |  |  |  |             |
|         |                        |  |  |  |  |             |

### GAS BOTTLE

Serial No. -- Date Bottle Filled -- Date to be Invoiced 1/10/79

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 1% per month, equal to 12% 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 Mc Coy Petroleum Company

Authorized by Robert E. McCann



# WESTERN TESTING CO., INC.

## Pressure Data

Date 1/10/79

Test Ticket No. 1516

Recorder No. 2607 Capacity 4150 Location 5299 Ft.

Clock No. -- Elevation -- Well Temperature 132 °F

| Point                          | Pressure    |                            | Time Given | Time Computed |
|--------------------------------|-------------|----------------------------|------------|---------------|
| A Initial Hydrostatic Mud      | 2815 P.S.I. | Open Tool                  | 6:15A M    |               |
| B First Initial Flow Pressure  | 352 P.S.I.  | First Flow Pressure        | 30 Mins.   | 30 Mins.      |
| C First Final Flow Pressure    | 424 P.S.I.  | Initial Closed-in Pressure | 45 Mins.   | 45 Mins.      |
| D Initial Closed-in Pressure   | 1595 P.S.I. | Second Flow Pressure       | 60 Mins.   | 60 Mins.      |
| E Second Initial Flow Pressure | 494 P.S.I.  | Final Closed-in Pressure   | 90 Mins.   | 90 Mins.      |
| F Second Final Flow Pressure   | 485 P.S.I.  |                            |            |               |
| G Final Closed-in Pressure     | 1914 P.S.I. |                            |            |               |
| H Final Hydrostatic Mud        | 2744 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>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                         | 0      | PLUGGING ACTION 352 | 0                           | 424    |  | 0                           | Plugging action 494 |  | 0                           | 485    |  |
| P 2                         | 5      | Plugging action 515 | 3                           | 451    |  | 5                           | Plugging action 494 |  | 3                           | 470    |  |
| P 3                         | 10     | Plugging action 508 | 6                           | 496    |  | 10                          | Plugging action 527 |  | 6                           | 627    |  |
| P 4                         | 15     | Plugging action 318 | 9                           | 529    |  | 15                          | Plugging action 529 |  | 9                           | 772    |  |
| P 5                         | 20     | Plugging action 415 | 12                          | 658    |  | 20                          | Plugging action 535 |  | 12                          | 910    |  |
| P 6                         | 25     | Plugging action 388 | 15                          | 779    |  | 25                          | Plugging action 550 |  | 15                          | 1033   |  |
| P 7                         | 30     | Plugging action 424 | 18                          | 881    |  | 30                          | Plugging action 546 |  | 18                          | 1159   |  |
| P 8                         |        |                     | 21                          | 983    |  | 35                          | Plugging action 546 |  | 21                          | 1259   |  |
| P 9                         |        |                     | 24                          | 1077   |  | 40                          | Plugging action 554 |  | 24                          | 1355   |  |
| P 10                        |        |                     | 27                          | 1173   |  | 45                          | Plugging action 521 |  | 27                          | 1443   |  |
| P 11                        |        |                     | 30                          | 1257   |  | 50                          | Plugging action 521 |  | 30                          | 1523   |  |
| P 12                        |        |                     | 33                          | 1327   |  | 55                          | Plugging action 573 |  | 33                          | 1586   |  |
| P 13                        |        |                     | 36                          | 1395   |  | 60                          | Plugging action 485 |  | 36                          | 1632   |  |
| P 14                        |        |                     | 39                          | 1465   |  |                             |                     |  | 39                          | 1679   |  |
| P 15                        |        |                     | 42                          | 1525   |  |                             |                     |  | 42                          | 1721   |  |
| P 16                        |        |                     | 45                          | 1595   |  |                             |                     |  | 45                          | 1752   |  |
| P 17                        |        |                     |                             |        |  |                             |                     |  | 48                          | 1781   |  |
| P 18                        |        |                     |                             |        |  |                             |                     |  | 51                          | 1800   |  |
| P 19                        |        |                     |                             |        |  |                             |                     |  | 54                          | 1817   |  |
| P 20                        |        |                     |                             |        |  |                             |                     |  | 57                          | 1836   |  |
|                             |        |                     |                             |        |  |                             |                     |  | 60                          | 1849   |  |

# WESTERN TESTING CO., INC.

## Pressure Data

Date 1/10/79

Test Ticket No. 1516

Recorder No. 2607 Capacity 4150 Location 5299 Ft.

Clock No. -- Elevation -- Well Temperature 132 °F

| Point                          | Pressure           |                            | Time Given      | Time Computed   |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2815</u> P.S.I. | Open Tool                  | <u>6:15A</u> M  |                 |
| B First Initial Flow Pressure  | <u>352</u> P.S.I.  | First Flow Pressure        | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>424</u> P.S.I.  | Initial Closed-in Pressure | <u>45</u> Mins. | <u>45</u> Mins. |
| D Initial Closed-in Pressure   | <u>1595</u> P.S.I. | Second Flow Pressure       | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>494</u> P.S.I.  | Final Closed-in Pressure   | <u>90</u> Mins. | <u>90</u> Mins. |
| F Second Final Flow Pressure   | <u>485</u> P.S.I.  |                            |                 |                 |
| G Final Closed-in Pressure     | <u>1914</u> P.S.I. |                            |                 |                 |
| H Final Hydrostatic Mud        | <u>2744</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>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                          | 1863   |
| P 2                         |        |                             |        |                             |        | 66                          | 1870   |
| P 3                         |        |                             |        |                             |        | 69                          | 1878   |
| P 4                         |        |                             |        |                             |        | 72                          | 1886   |
| P 5                         |        |                             |        |                             |        | 75                          | 1893   |
| P 6                         |        |                             |        |                             |        | 78                          | 1897   |
| P 7                         |        |                             |        |                             |        | 81                          | 1903   |
| P 8                         |        |                             |        |                             |        | 84                          | 1909   |
| P 9                         |        |                             |        |                             |        | 87                          | 1911   |
| P10                         |        |                             |        |                             |        | 90                          | 1914   |
| P11                         |        |                             |        |                             |        |                             |        |
| P12                         |        |                             |        |                             |        |                             |        |
| P13                         |        |                             |        |                             |        |                             |        |
| P14                         |        |                             |        |                             |        |                             |        |
| P15                         |        |                             |        |                             |        |                             |        |
| P16                         |        |                             |        |                             |        |                             |        |
| P17                         |        |                             |        |                             |        |                             |        |
| P18                         |        |                             |        |                             |        |                             |        |
| P19                         |        |                             |        |                             |        |                             |        |
| P20                         |        |                             |        |                             |        |                             |        |

TST # 1516  
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