



P. O. BOX 793 PHONE 793-7903  
GREAT BEND, KANSAS

# WESTERN TESTING CO., INC. FORMATION TESTING

TICKET 25214

Formation Miss Elevation 1626 KB Eff. Pay \_\_\_\_\_ Ft.

District Augusta Date 8/27/76 Customer Order No. \_\_\_\_\_

COMPANY NAME Mc Coy Petr

ADDRESS \_\_\_\_\_

LEASE AND WELL NO. Morris #2 COUNTY Harper STATE Kansas Sec. 14 Twp. 35 Rge. 900

Mail Inv. To \_\_\_\_\_ Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested 1

Mail Charts To \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested 5

Formation Test No. 1 O.K. X Misrun \_\_\_\_\_ Interval Tested From 4389 to 4425 Total Depth 4425

Size Main Hole 7 7/8 Rat Hole \_\_\_\_\_ Conv. \_\_\_\_\_ B.T. X Damaged \_\_\_\_\_ Yes X No Conv. X B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes X No

Top Packer Depth 4420 Ft. Size 6 3/4 Bottom Packer Depth 4425 Ft. Size 6 3/4

Straddle \_\_\_\_\_ Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes \_\_\_\_\_ No Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_

Tool Size 5 1/2 00 Tool/Joint Size 4 1/4 FN Anchor Length 36 Ft. Size 5 1/2 00 Surface Choke Size 1 1/2 In. Bottom Choke Size 3 1/4 In.

RECORDERS Depth 4399 Ft. Clock No. 8476 Depth 4402 Ft. Clock No. 4964

Top Make Kuster Cap. 4200 No. 1559 Inside \_\_\_\_\_ Outside \_\_\_\_\_ Bottom Make Kuster Cap. 3150 No. 1565 Inside \_\_\_\_\_ Outside \_\_\_\_\_

Below Straddle: Depth \_\_\_\_\_ Rec. No. \_\_\_\_\_ Clock No. \_\_\_\_\_ Outside \_\_\_\_\_ Depth \_\_\_\_\_ Ft. Rec. No. \_\_\_\_\_ Clock No. \_\_\_\_\_ Outside \_\_\_\_\_

Time Set Packer 2:43 A.M.

Tool Open I.F.P. From 2:45 M. to 3:15 M. Hr. 30 Min. From (B) 52 P.S.I. To (C) 62 P.S.I.

Tool Closed I.C.I.P. From 3:15 M. to 4:00 M. Hr. 45 Min. (D) 803 P.S.I.

Tool Open F.F.P. From 4:00 M. to 5:30 M. Hr. 90 Min. From (E) 736 P.S.I. To (F) 83 P.S.I.

Tool Closed F.C.I.P. From 5:30 to 6:30 Hr. 60 Min. (G) 782 P.S.I.

Initial Hydrostatic Pressure (A) 2,221 P.S.I. Final Hydrostatic Pressure (H) 2,305 P.S.I. Maximum Temp. 125

## INFORMATION

BLOW Strong blow throughout test. Gas to surface 8 min See attached sheet.

Did Well Flow \_\_\_\_\_ Yes X No \_\_\_\_\_ Recovery Total Ft. 288' total 40, slightly Oil cut mud, 62' gassy oil cut mud, 186' gassy heavy oil cut mud.

Reversed Out \_\_\_\_\_ Yes X No \_\_\_\_\_ Mud Type Starch Viscosity 45 Weight 9.2 Water Loss 10.8 cc. Chlorides 35,000

EXTRA EQUIPMENT: Type Circ. Sub. P.W. Safety Joint \_\_\_\_\_ Jars: Size \_\_\_\_\_ In. Make \_\_\_\_\_ Ser. No. \_\_\_\_\_

Dual Packers Yes Did Packers Hold? Yes Did Tool Plug? NO Where? \_\_\_\_\_

DRILLING CONTRACTOR Sweetman #1 Length Drill Pipe 4134 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.

Length Weight Pipe \_\_\_\_\_ ft. I.D. Weight Pipe \_\_\_\_\_ In. Tool Joint Size \_\_\_\_\_ In. Length Drill Collars 286 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 In. Length D.S.T. Tool 56 ft.

Remarks Gas quaged 86,300 C.F.P.D. Gas at 3:15 I.C.I.P.

Gas quaged 116,000 C.F.P.D. Gas at 5:30 F.C.I.P.

## INVOICE SECTION

|                |           |
|----------------|-----------|
| Open Hole Test | \$ 390.00 |
| Straddle Test  | \$        |
| Jars           | \$        |
| Selective Zone | \$        |
| Safety Joint   | \$        |
| Misrun         | \$        |
| Evaluation     | \$        |
| Packer         | \$        |
| Circ. Sub.     | \$        |
| Total          | \$ 390.00 |

## COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Robert E. McCann  
Signature of Customer or his  
Authorized Representative

Western Representative Bill Baber

Operator's Time \_\_\_\_\_ Hrs.

# WESTERN TESTING CO., INC.

## Pressure Data

Date 8-27-76 Test Ticket No. 25214  
 Recorder No. 1559 Capacity H200 Location H399 Ft.  
 Clock No. 8476 Elevation 1626 AB Well Temperature 125 °F

| Point                          | Pressure    |        | Time Given    | Time Computed         |
|--------------------------------|-------------|--------|---------------|-----------------------|
| A Initial Hydrostatic Mud      | <u>2259</u> | P.S.I. | <u>2:43</u> A | M                     |
| B First Initial Flow Pressure  | <u>67</u>   | P.S.I. | <u>30</u>     | Mins. <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>72</u>   | P.S.I. | <u>45</u>     | Mins. <u>45</u> Mins. |
| D Initial Closed-in Pressure   | <u>798</u>  | P.S.I. | <u>90</u>     | Mins. <u>90</u> Mins. |
| E Second Initial Flow Pressure | <u>69</u>   | P.S.I. | <u>60</u>     | Mins. <u>63</u> Mins. |
| F Second Final Flow Pressure   | <u>90</u>   | P.S.I. |               |                       |
| G Final Closed-in Pressure     | <u>785</u>  | P.S.I. |               |                       |
| H Final Hydrostatic Mud        | <u>2255</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>18</u> Inc.   |           | Breakdown: <u>21</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                       | <u>67</u> | 0                           | <u>872</u> | 0                           | <u>67</u> | 0                           | <u>90</u>  |
| P 2 5                       | <u>64</u> | 3                           | <u>481</u> | 5                           | <u>65</u> | 3                           | <u>517</u> |
| P 3 10                      | <u>64</u> | 6                           | <u>673</u> | 10                          | <u>67</u> | 6                           | <u>680</u> |
| P 4 15                      | <u>69</u> | 9                           | <u>733</u> | 15                          | <u>70</u> | 9                           | <u>720</u> |
| P 5 20                      | <u>72</u> | 12                          | <u>759</u> | 20                          | <u>71</u> | 12                          | <u>741</u> |
| P 6 25                      | <u>72</u> | 15                          | <u>774</u> | 25                          | <u>73</u> | 15                          | <u>754</u> |
| P 7 30                      | <u>72</u> | 18                          | <u>782</u> | 30                          | <u>74</u> | 18                          | <u>760</u> |
| P 8 35                      |           | 21                          | <u>787</u> | 35                          | <u>76</u> | 21                          | <u>766</u> |
| P 9 40                      |           | 24                          | <u>790</u> | 40                          | <u>78</u> | 24                          | <u>770</u> |
| P10 45                      |           | 27                          | <u>792</u> | 45                          | <u>79</u> | 27                          | <u>772</u> |
| P11 50                      |           | 30                          | <u>794</u> | 50                          | <u>82</u> | 30                          | <u>775</u> |
| P12 55                      |           | 33                          | <u>795</u> | 55                          | <u>83</u> | 33                          | <u>777</u> |
| P13 60                      |           | 36                          | <u>796</u> | 60                          | <u>84</u> | 36                          | <u>779</u> |
| P14                         |           | 39                          | <u>797</u> | 65                          | <u>85</u> | 39                          | <u>780</u> |
| P15                         |           | 42                          | <u>797</u> | 70                          | <u>86</u> | 42                          | <u>781</u> |
| P16                         |           | 45                          | <u>798</u> | 75                          | <u>87</u> | 45                          | <u>782</u> |
| P17                         |           | 48                          |            | 80                          | <u>88</u> | 48                          | <u>782</u> |
| P18                         |           | 51                          |            | 85                          | <u>89</u> | 51                          | <u>783</u> |
| P19                         |           | 54                          |            | 90                          | <u>90</u> | 54                          | <u>784</u> |
| P20                         |           | 57                          |            |                             |           | 57                          | <u>784</u> |
|                             |           | 60                          |            |                             |           | 60                          | <u>785</u> |
|                             |           |                             |            |                             |           | 63                          | <u>785</u> |

Phone 316 262-5861  
316 838-0601



P. O. Box 1599  
WICHITA, KANSAS 67201

# GAS FLOW REPORT

Nº 259

Date 8/27/76 Ticket 25214 Company Mc Coy Pet.  
Well Name and No. Morris #2 Dst No. 1 Interval Tested 4389-4425  
County Harper State Kansas Sec. 14 Twp. 315 Rg. 9W

| 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  |
|-----------------------------------------------|--------------------|-------------------------------------|------------------------|------------------------------|-------------------------|----------------------|
| Tool open 2:45 Gas to PRE FLOW Surface 8 min. |                    |                                     |                        |                              |                         |                      |
| 2:55                                          | 10                 | 1/4" choke                          |                        | 9                            |                         | 29,000 C.F.P.D. Gas  |
| 3:00                                          | 15                 | "                                   |                        | 14.5                         |                         | 38,000 " " "         |
| 3:05                                          | 20                 | 1/2" choke                          |                        | 8                            |                         | 101,000 C.F.P.D. Gas |
| 3:10                                          | 25                 | "                                   |                        | 6.5                          |                         | 90,000 C.F.P.D. "    |
| 3:15                                          | 30                 | 1/2" choke                          |                        | 6                            |                         | 86,300 C.F.P.D. Gas  |
| Tool shut in from 3:15 to 4:00 Per I.C.I.P.   |                    |                                     |                        |                              |                         |                      |
| Tool open 4:00 to 5:30 SECOND FLOW            |                    |                                     |                        |                              |                         |                      |
| 4:05                                          | 35                 | 1/2" choke                          |                        | 9                            |                         | 108,000 C.F.P.D. Gas |
| 4:10                                          | 40                 | " "                                 |                        | 10                           |                         | 116,000 " " "        |
| 4:15                                          | 45                 | 1/2" choke                          |                        | 9.5                          |                         | 112,000 " " " "      |
| 4:40                                          | 70                 | " "                                 |                        | 9.5                          |                         | 112,000 " " " "      |
| 4:45                                          | 75                 | 1/2" choke                          |                        | 10                           |                         | 116,000 " " " "      |
| 5:30                                          | 120                | 1/2" choke                          |                        | 10                           |                         | 116,000 C.F.P.D. Gas |
| Tool shut in from                             |                    |                                     |                        |                              |                         |                      |
| 5:30 to 6:30                                  |                    |                                     |                        |                              |                         |                      |
| for F.C.I.P.                                  |                    |                                     |                        |                              |                         |                      |

## GAS BOTTLE

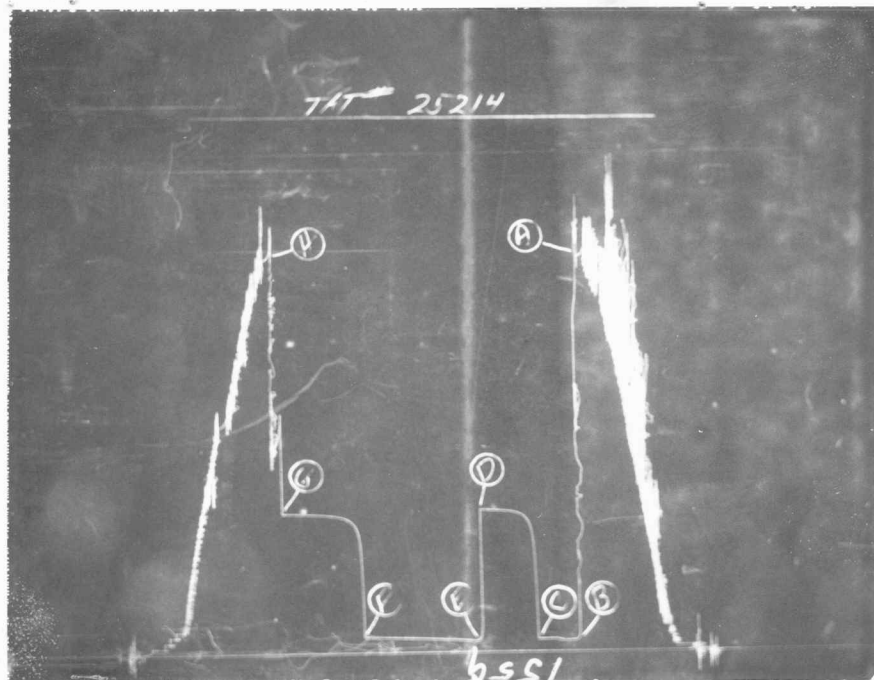
Serial No. \_\_\_\_\_ Date Bottle Filled \_\_\_\_\_ Date to be Invoiced \_\_\_\_\_

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 Pet.

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





INC.

P. O. Box 1599

Wichita, Kansas 67201

Company McCoy Petroleum Co. Lease & Well No. Morris #2  
Elevation 1626 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 25214  
Date 8-27-76 Sec. 14 Twp. 31S Range 9W County Harper State KS  
Test Approved by Robert E. McCann Western Representative Bill Baker  
Formation Test No. #1 O.K. ☒ Misrun ☐ Interval Tested From 4389' to 4425' Total Depth 4425'  
Size Main Hole 7 7/8 at Hole - Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No  
Top Packer Depth 4420 Ft. Size 6 3/4 Bottom Packer Depth 4425 Ft. Size 6 3/4  
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -  
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 36 Ft. Size 5 1/2 OD Surface Choke Size 1/2 In. Bottom Choke Size 3/4 In.  
RECORDERS Depth 4399 Ft. Clock No. 8476 Depth 4402 Ft. Clock No. 4964  
Top Make Kuster Cap. 4200 No. 1559 Inside - Outside - Bottom Make Kuster Cap. 3150 No. 1565 Inside - Outside -  
Below Straddle: Depth - Rec. No. - Clock No. - Inside - Outside - Depth - Ft. Rec. No. - Clock No. - Inside - Outside -  
Time Set Packer 2:43A M  
Tool Open I.F.P. From 2:45A M. to 3:15A M. - Hr. 30 Min. From (B) 67 P.S.I. To (C) 72 P.S.I.  
Tool Closed I.C.I.P. From 3:15A M. to 4:00A M. - Hr. 45 Min. (D) 798 P.S.I.  
Tool Open F.F.P. From 4:00A M. to 5:30A M. - Hr. 90 Min. From (E) 69 P.S.I. To (F) 90 P.S.I.  
Tool Closed F.C.I.P. From 5:30A M. to 6:30A M. - Hr. 60 Min. (G) 785 P.S.I.  
Initial Hydrostatic Pressure (A) 2259 P.S.I. Final Hydrostatic Pressure (H) 2255 P.S.I. Maximum Temp. 125

## INFORMATION

BLOW Strong blow throughout test. Gas to surface in 8 minutes, see attached sheet.Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 288' total recovery, 40' slightly oil cut mud, 62' gassy oil cut mud, 186' gassy heavy oil cut mud.Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 45 Weight 9.2 Water Loss 10.8 cc. Chlorides 35,000 PPMEXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size - In. Make - Ser. No. -Dual Packer ☒ Yes Did Packers Hold? ☒ Yes Did Tool Plug? ☐ No Where? -DRILLING CONTRACTOR Sweetman Drlg. Inc. Length Drill Pipe? 4139 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 286 Ft. I.D. Drill Collars 2 1/4 In.Tool Joint Size 4 1/2 H90 Length D.S.T. Tool 56 Ft.

Remarks:

Gas guaged 86,300 C.F.P.D. Gas at 3:15 A.M. Initial closed in pressure  
Gas guaged 116,000 C.F.P.D. Gas at 5:30 Final closed in pressure

# WESTERN TESTING CO., INC.

## Pressure Data

Date 8-27-76

Test Ticket No. 25214

Recorder No. 1559 Capacity 4200 Location 4399 Ft.

Clock No. 8476 Elevation 1626 Kelly Bushing Well Temperature 125 °F

| Point                          | Pressure |        | Time Given | Time Computed  |
|--------------------------------|----------|--------|------------|----------------|
| A Initial Hydrostatic Mud      | 2259     | P.S.I. | 2:43A      | M              |
| B First Initial Flow Pressure  | 67       | P.S.I. | 30         | Mins. 30 Mins. |
| C First Final Flow Pressure    | 72       | P.S.I. | 45         | Mins. 45 Mins. |
| D Initial Closed-in Pressure   | 798      | P.S.I. | 90         | Mins. 90 Mins. |
| E Second Initial Flow Pressure | 69       | P.S.I. | 60         | Mins. 63 Mins. |
| F Second Final Flow Pressure   | 90       | P.S.I. |            |                |
| G Final Closed-in Pressure     | 785      | P.S.I. |            |                |
| H Final Hydrostatic Mud        | 2255     | 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>18</u> Inc.   |           | Breakdown: <u>21</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>67</u> | <u>0</u>                    | <u>372</u> | <u>0</u>                    | <u>69</u> | <u>0</u>                    | <u>90</u>  |
| P 2 <u>5</u>                | <u>64</u> | <u>3</u>                    | <u>481</u> | <u>5</u>                    | <u>65</u> | <u>3</u>                    | <u>517</u> |
| P 3 <u>10</u>               | <u>64</u> | <u>6</u>                    | <u>673</u> | <u>10</u>                   | <u>67</u> | <u>6</u>                    | <u>680</u> |
| P 4 <u>15</u>               | <u>69</u> | <u>9</u>                    | <u>733</u> | <u>15</u>                   | <u>70</u> | <u>9</u>                    | <u>720</u> |
| P 5 <u>20</u>               | <u>72</u> | <u>12</u>                   | <u>759</u> | <u>20</u>                   | <u>71</u> | <u>12</u>                   | <u>741</u> |
| P 6 <u>25</u>               | <u>72</u> | <u>15</u>                   | <u>774</u> | <u>25</u>                   | <u>73</u> | <u>15</u>                   | <u>754</u> |
| P 7 <u>30</u>               | <u>72</u> | <u>18</u>                   | <u>782</u> | <u>30</u>                   | <u>74</u> | <u>18</u>                   | <u>760</u> |
| P 8                         |           | <u>21</u>                   | <u>787</u> | <u>35</u>                   | <u>76</u> | <u>21</u>                   | <u>766</u> |
| P 9                         |           | <u>24</u>                   | <u>790</u> | <u>40</u>                   | <u>78</u> | <u>24</u>                   | <u>770</u> |
| P10                         |           | <u>27</u>                   | <u>792</u> | <u>45</u>                   | <u>79</u> | <u>27</u>                   | <u>772</u> |
| P11                         |           | <u>30</u>                   | <u>794</u> | <u>50</u>                   | <u>82</u> | <u>30</u>                   | <u>775</u> |
| P12                         |           | <u>33</u>                   | <u>795</u> | <u>55</u>                   | <u>83</u> | <u>33</u>                   | <u>777</u> |
| P13                         |           | <u>36</u>                   | <u>796</u> | <u>60</u>                   | <u>84</u> | <u>36</u>                   | <u>779</u> |
| P14                         |           | <u>39</u>                   | <u>797</u> | <u>65</u>                   | <u>85</u> | <u>39</u>                   | <u>780</u> |
| P15                         |           | <u>42</u>                   | <u>797</u> | <u>70</u>                   | <u>86</u> | <u>42</u>                   | <u>781</u> |
| P16                         |           | <u>45</u>                   | <u>798</u> | <u>75</u>                   | <u>87</u> | <u>45</u>                   | <u>782</u> |
| P17                         |           |                             |            | <u>80</u>                   | <u>88</u> | <u>48</u>                   | <u>783</u> |
| P18                         |           |                             |            | <u>85</u>                   | <u>89</u> | <u>51</u>                   | <u>783</u> |
| P19                         |           |                             |            | <u>90</u>                   | <u>90</u> | <u>54</u>                   | <u>784</u> |
| P20                         |           |                             |            |                             |           | <u>57</u>                   | <u>784</u> |
|                             |           |                             |            |                             |           | <u>60</u>                   | <u>785</u> |
|                             |           |                             |            |                             |           | <u>63</u>                   | <u>785</u> |



INC.

P. O. Box 1599

Wichita, Kansas 67201

**GAS FLOW REPORT**Date 8-27-76 Ticket 25214 Company McCoy Petroleum Co.Well Name and No. Morris #2 Dst No. #1 Interval Tested 4389' - 4425'County Harper State KS Sec. 14 Twp. 31S Rg. 9W

| Time<br>Gauge<br>Pre-Flow | Time<br>Gauge<br>in Min. | P.S.I. on<br>Merla Orifice<br>Well Tester | P.S.I. on<br>Pitot<br>Tester | P.S.I. on<br>Side Static<br>Tester | P.S.I. on<br>U-Tube<br>Tester | Description of Flow |
|---------------------------|--------------------------|-------------------------------------------|------------------------------|------------------------------------|-------------------------------|---------------------|
|---------------------------|--------------------------|-------------------------------------------|------------------------------|------------------------------------|-------------------------------|---------------------|

**PRE FLOW**

|                             |         |           |            |  |  |                  |
|-----------------------------|---------|-----------|------------|--|--|------------------|
| 2:55AM                      | 10 Min. | 9 PSIG    | 1/4" choke |  |  | 29,000 C.F.P.D.  |
| 3:00AM                      | 15 Min. | 14.5 PSIG | 1/4" choke |  |  | 38,000 C.F.P.D.  |
| 3:05AM                      | 20 Min. | 8 PSIG    | 1/2" choke |  |  | 101,000 C.F.P.D. |
| 3:10AM                      | 25 Min. | 6.5 PSIG  | 1/2" choke |  |  | 90,000 C.F.P.D.  |
| 3:15AM                      | 30 Min. | 6 PSIG    | 1/2" choke |  |  | 86,300 C.F.P.D.  |
| Gas to surface in 8 minutes |         |           |            |  |  |                  |

**SECOND FLOW**

|        |         |          |            |  |  |                  |
|--------|---------|----------|------------|--|--|------------------|
| 4:05AM | 35 Min. | 9 PSIG   | 1/2" choke |  |  | 108,000 C.F.P.D. |
| 4:10AM | 40 Min. | 10 PSIG  | 1/2" choke |  |  | 116,000 C.F.P.D. |
| 4:15AM | 45 Min. | 9.5 PSIG | 1/2" choke |  |  | 112,000 C.F.P.D. |
| 4:40AM | 70 Min. | 9.5 PSIG | 1/2" choke |  |  | 112,000 C.F.P.D. |
| 4:45AM | 75 Min. | 10 PSIG  | 1/2" choke |  |  | 116,000 C.F.P.D. |
| 5:30AM | 120Min. | 10 PSIG  | 1/2" choke |  |  | 116,000 C.F.P.D. |

All measurements were taken with a 2" merla orifice well tester

**GAS BOTTLE**Serial No. \_\_\_\_\_ Date Bottle Filled 8-27-76 Date to be Invoiced 8-27-76

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 McCoy Petroleum Co.Authorized by Robert E. McCann