



Home Office: Great Bend, Kansas  
P. O. Box 793 (316) 793-7903

Company **McCoy Petroleum Company** Lease & Well No. **Holcomb #1**  
Elevation **1309 Kelly Bush.** Formation **Mississippi** Effective Pay \_\_\_\_\_ Ft. Ticket No. **21370**  
Date **1-9-75** Sec. **17** Twp. **34S** Range **9W** County **Harper** State **Kansas**  
Test Approved by **Robert E. McCann** Western Representative **Forrest Purnell**  
Formation Test No. **1** O.K. ☒ Misrun ☐ Interval Tested From **4614'** to **4630'** Total Depth **4630'**  
Size Main Hole **7 7/8** Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☐ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☐ No  
Top Packer Depth **4609** Ft. Size **6 3/4** Bottom Packer Depth **4614** Ft. Size **6 3/4**  
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_  
Tool Size **5 1/20D** Tool Joint Size **4 1/2FH** Anchor Length **16** Ft. Size **5 1/2** Surface Choke Size **1** In. Bottom Choke Size **3/4** In.  
RECORDERS Depth **4623** Ft. Clock No. **6859** Depth **4626** Ft. Clock No. **9102**  
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 \_\_\_\_\_ M **7:55 P**  
Tool Open I.F.P. From **8:00** M. to **8:30** M. - Hr. **30** Min. From (B) **67** P.S.I. To (C) **73** P.S.I.  
Tool Closed I.C.I.P. From **8:30** M. to **9:15** M. - Hr. **45** Min (D) **1972** P.S.I.  
Tool Open F.F.P. From **9:15** M. to **10:15** M. - Hr. **60** Min. From (E) **80** P.S.I. To (F) **74** P.S.I.  
Tool Closed F.C.I.P. From **10:15** M. to **11:15** M. - Hr. **60** Min. (G) **1952** P.S.I.  
Initial Hydrostatic Pressure (A) **2574** P.S.I. Final Hydrostatic Pressure (H) **2517** P.S.I. Maximum Temp. **121**

**Strong blow throughout test - gas to surface 3 1/2 minutes**

**INFORMATION**

BLOW \_\_\_\_\_  
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. **30 feet of gassy drilling mud**

Reversed Out ☐ Yes ☒ No Mud Type **starch** Viscosity **58** Weight **9.7** Water Loss **11.2** cc. Chlorides **46,000PPM**  
EXTRA EQUIPMENT: Type Circ. Sub. **pin** Safety Joint ☐ Jars: Size ☐ In. Make ☐ Ser. No. ☐  
Dual Packer ☒ Did Packers Hold? ☒ Did Tool Plug? ☐ Where? ☐  
DRILLING CONTRACTOR **Sweetman Drlg. Co.** Length Drill Pipe? **4330** Ft. I.D. Drill Pipe **3.8** In. Tool Joint Size **4 1/2FH** In.  
Length Weight Pipe \_\_\_\_\_ Ft. I.D. Weight Pipe \_\_\_\_\_ In. Tool Joint Size \_\_\_\_\_ In. Length Drill Collars **263** Ft. I.D. Drill Collars **2 1/4** In.  
Tool Joint Size **4"H90** In. Length D.S.T. Tool **37** Ft.

Remarks: **Gas stabilized at 458,000 C.F.P.D. 30 min. on final flow pressure**  
**See sheet attached for gas measurements**

# WESTERN TESTING CO., INC.

## Pressure Data

Date 1-9-75 Recorder No. 1559 Capacity 4200 Test Ticket No. 21370  
 Clock No. 6859 Elevation 1309 Kelly Bush. Location 4623 Ft.   
 Well Temperature 121 °F

| Point                          | Pressure    |        | Time Given    | Time Computed |
|--------------------------------|-------------|--------|---------------|---------------|
| A Initial Hydrostatic Mud      | <b>2574</b> | P.S.I. | <b>7:55 P</b> | <b>M</b>      |
| B First Initial Flow Pressure  | <b>67</b>   | P.S.I. | <b>30</b>     | <b>30</b>     |
| C First Final Flow Pressure    | <b>73</b>   | P.S.I. | <b>45</b>     | <b>45</b>     |
| D Initial Closed-in Pressure   | <b>1972</b> | P.S.I. | <b>60</b>     | <b>60</b>     |
| E Second Initial Flow Pressure | <b>80</b>   | P.S.I. | <b>60</b>     | <b>60</b>     |
| F Second Final Flow Pressure   | <b>74</b>   | P.S.I. |               |               |
| G Final Closed-in Pressure     | <b>1952</b> | P.S.I. |               |               |
| H Final Hydrostatic Mud        | <b>2517</b> | 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>20</u> Inc.   |             |
| of <u>5</u> mins. and a     |           | of <u>3</u> mins. and a     |             | of <u>5</u> mins. and a     |           | of <u>3</u> mins. and a     |             |
| final inc. of <u>0</u> Min. |           | final inc. of <u>0</u> Min. |             | final inc. of <u>0</u> Min. |           | final inc. of <u>0</u> Min. |             |
| Point Mins.                 | Press.    | Point Minutes               | Press.      | Point Minutes               | Press.    | Point Minutes               | Press.      |
| P 1                         | <b>67</b> | <b>0</b>                    | <b>73</b>   | <b>0</b>                    | <b>80</b> | <b>0</b>                    | <b>74</b>   |
| P 2                         | <b>56</b> | <b>3</b>                    | <b>752</b>  | <b>5</b>                    | <b>64</b> | <b>3</b>                    | <b>1312</b> |
| P 3                         | <b>60</b> | <b>6</b>                    | <b>1818</b> | <b>10</b>                   | <b>64</b> | <b>6</b>                    | <b>1807</b> |
| P 4                         | <b>65</b> | <b>9</b>                    | <b>1907</b> | <b>15</b>                   | <b>65</b> | <b>9</b>                    | <b>1852</b> |
| P 5                         | <b>67</b> | <b>12</b>                   | <b>1927</b> | <b>20</b>                   | <b>66</b> | <b>12</b>                   | <b>1874</b> |
| P 6                         | <b>71</b> | <b>15</b>                   | <b>1937</b> | <b>25</b>                   | <b>67</b> | <b>15</b>                   | <b>1887</b> |
| P 7                         | <b>73</b> | <b>18</b>                   | <b>1944</b> | <b>30</b>                   | <b>68</b> | <b>18</b>                   | <b>1896</b> |
| P 8                         |           | <b>21</b>                   | <b>1948</b> | <b>35</b>                   | <b>69</b> | <b>21</b>                   | <b>1905</b> |
| P 9                         |           | <b>24</b>                   | <b>1952</b> | <b>40</b>                   | <b>70</b> | <b>24</b>                   | <b>1909</b> |
| P10                         |           | <b>27</b>                   | <b>1954</b> | <b>45</b>                   | <b>71</b> | <b>27</b>                   | <b>1915</b> |
| P11                         |           | <b>30</b>                   | <b>1959</b> | <b>50</b>                   | <b>72</b> | <b>30</b>                   | <b>1920</b> |
| P12                         |           | <b>33</b>                   | <b>1963</b> | <b>55</b>                   | <b>73</b> | <b>33</b>                   | <b>1924</b> |
| P13                         |           | <b>36</b>                   | <b>1965</b> | <b>60</b>                   | <b>74</b> | <b>36</b>                   | <b>1928</b> |
| P14                         |           | <b>39</b>                   | <b>1967</b> |                             |           | <b>39</b>                   | <b>1934</b> |
| P15                         |           | <b>42</b>                   | <b>1969</b> |                             |           | <b>42</b>                   | <b>1935</b> |
| P16                         |           | <b>45</b>                   | <b>1972</b> |                             |           | <b>45</b>                   | <b>1937</b> |
| P17                         |           |                             |             |                             |           | <b>48</b>                   | <b>1941</b> |
| P18                         |           |                             |             |                             |           | <b>51</b>                   | <b>1946</b> |
| P19                         |           |                             |             |                             |           | <b>54</b>                   | <b>1948</b> |
| P20                         |           |                             |             |                             |           | <b>57</b>                   | <b>1950</b> |
|                             |           |                             |             |                             |           | <b>60</b>                   | <b>1952</b> |



P. O. BOX 793  
GREAT BEND, KANSAS

COMPANY McCoy Petroleum Company LEASE & WELL NO. Holcomb #1

TEST NO. #1 INTERVAL TESTED FROM 4614 TO 4630

| TIME<br>PRE-FLOW  | MAX PRESS. P.S.I. | DESCRIPTION OF FLOW |
|-------------------|-------------------|---------------------|
| Tool open 8:00 PM |                   |                     |
| 8:10 PM           | 2 lbs.            | 195,000 C.F.P.D.    |
| 8:20 PM           | 6 lbs.            | 353,000 C.F.P.D.    |
| 8:30 PM           | 6 lbs.            | 353,000 C.F.P.D.    |
|                   |                   |                     |
|                   |                   |                     |
|                   |                   |                     |

SECOND FLOW

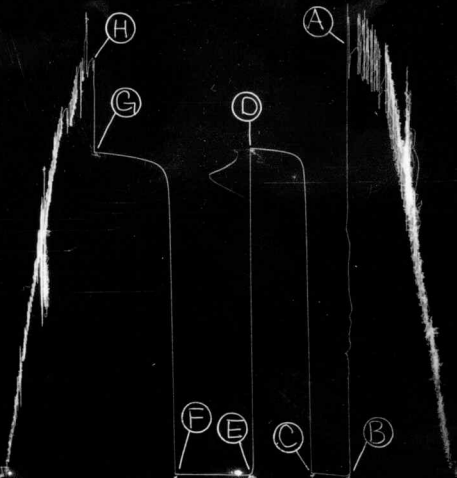
|                   |          |                  |
|-------------------|----------|------------------|
| Tool open 9:15 PM |          |                  |
| 9:25 PM           | 7 lbs.   | 385,000 C.F.P.D. |
| 9:35 PM           | 9 lbs.   | 442,000 C.F.P.D. |
| 9:45 PM           | 9.5 lbs. | 458,000 C.F.P.D. |
| 9:55 PM           | 9.5 lbs. | 458,000 C.F.P.D. |
| 10:05 PM          | 9.5 lbs. | 458,000 C.F.P.D. |
| 10:15 PM          | 9.5 lbs. | 458,000 C.F.P.D. |
|                   |          |                  |
|                   |          |                  |

SIZE CHOKE 3/4 SURFACE 1 IN. 1 BOTTOM 3/4 IN.

REMARKS Gas to surface 3 1/2 minutes, all measurements were  
taken 2" orifice well tester through a 1 in choke  
at 10 minute intervals, gas stabilized at 458,000  
C.F.P.D. in final flow pressure

+kt#21370

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1559