

McCoy Petroleum Corporation

Williams 'D' #1

Company

Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 5361

Date 6/8/80 Sec. 22 Twp. 31S Range 8W County Harper State Kansas

Test Approved by

H. Deane Jirrels

Western Representative Stuart Stover

Formation Test No. 1 Interval Tested from 4423 ft. to 4433 ft. Total Depth 4433 ft.

Packer Depth 4418 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4423 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4428 ft. Recorder Number 1565 Cap. 4500

Bottom Recorder Depth (Outside) 4431 ft. Recorder Number 5673 Cap. 5400

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

Drilling Contractor Sweetman Drilling Drill Collar Length 240 I. D. 2 1/4 in.

Mud Type - Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 8.2 cc. Drill Pipe Length 4163 I. D. 4.0 in.

Chlorides --- P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.

Jars: Make -- Serial Number - Anchor Length 10 ft. Size 4 1/2 in.

Did Well Flow? - Reversed Out - 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 in.

Blow: Strong. Gas to surface in seven minutes on second flow. See attached sheet for gas measurements.

Recovered 60 ft. of slightly oil and gas cut mud

Recovered 60 ft. of heavy oil and gas cut mud

Recovered 60 ft. of froggy muddy oil

Recovered 120 ft. of slightly muddy oil

Recovered ft. of

Remarks:

Time Set	Packer(s)	10:15	A.M.	Time Started	Off Bottom	1:30	A.M.	Maximum Temperature	128°
Initial Hydrostatic Pressure			P.M.		(A)	2330	P.S.I.		
Initial Flow Period				Minutes	30	(B)	68	P.S.I. to (C)	68 P.S.I.
Initial Closed In Period				Minutes	48	(D)	1372	P.S.I.	
Final Flow Period				Minutes	60	(E)	79	P.S.I. to (F)	94 P.S.I.
Final Closed In Period				Minutes	63	(G)	1401	P.S.I.	
Final Hydrostatic Pressure					(H)	2266	P.S.I.		

## GAS FLOW REPORT

Date 6/8/80 Ticket 5361 Company McCoy Petroleum Corporation  
 Well Name and No. Williams 'D' #1 Dst No. 1 Interval Tested 4423' - 4433'  
 County Harper State Kansas Sec. 22 Twp. 31S Rg. 8W

Gas to surface in seven minutes.

## SECOND FLOW

10 min.	1.5 lbs.	1/4" orifice		11,020 CFPD
15 min.	1.5 lbs.	1/4" orifice		11,020 CFPD
20 min.	2.0 lbs.	1/4" orifice		12,700 CFPD
25 min.	2.0 lbs.	1/4" orifice		12,700 CFPD
30 min.	2.0 lbs.	1/4" orifice		12,700 CFPD
35 min.	2.5 lbs.	1/4" orifice		14,300 CFPD
40 min.	2.5 lbs.	1/4" orifice		14,300 CFPD
45 min.	2.5 lbs.	1/4" orifice		14,300 CFPD
50 min.	2.5 lbs.	1/4" orifice		14,300 CFPD
55 min.	2.5 lbs.	1/4" orifice		14,300 CFPD
60 min.	2.5 lbs.	1/4" orifice		14,300 CFPD

## **GAS BOTTLE**

Serial No. -- Date Bottle Filled ----- Date to be Invoiced 6/8/80

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

Authorized by H. Deane Jirrels

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 6/8/80  
Recorder No. 1565  
Clock No. -

Capacity 4500

Test Ticket No. 5361  
4428  
Location 128 °F  
Well Temperature

Point	Pressure	
A Initial Hydrostatic Mud	<u>2330</u>	P.S.I.
B First Initial Flow Pressure	<u>68</u>	P.S.I.
C First Final Flow Pressure	<u>68</u>	P.S.I.
D Initial Closed-in Pressure	<u>1372</u>	P.S.I.
E Second Initial Flow Pressure	<u>79</u>	P.S.I.
F Second Final Flow Pressure	<u>94</u>	P.S.I.
G Final Closed-in Pressure	<u>1401</u>	P.S.I.
H Final Hydrostatic Mud	<u>2266</u>	P.S.I.

Time Given	Time Computed
<u>10:15P</u>	
<u>30</u>	M <u>30</u>
<u>45</u>	Mins. <u>48</u>
<u>60</u>	Mins. <u>60</u>
<u>60</u>	Mins. <u>63</u>

**PRESSURE BREAKDOWN**

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

Point	Mins.	Press.
P 1	<u>0</u>	<u>68</u>
P 2	<u>5</u>	<u>68</u>
P 3	<u>10</u>	<u>68</u>
P 4	<u>15</u>	<u>68</u>
P 5	<u>20</u>	<u>68</u>
P 6	<u>25</u>	<u>68</u>
P 7	<u>30</u>	<u>68</u>
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

**Initial Shut-In**  
Breakdown: 16 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point	Minutes	Press.
	<u>0</u>	<u>68</u>
	<u>3</u>	<u>153</u>
	<u>6</u>	<u>277</u>
	<u>9</u>	<u>406</u>
	<u>12</u>	<u>550</u>
	<u>15</u>	<u>691</u>
	<u>18</u>	<u>807</u>
	<u>21</u>	<u>913</u>
	<u>24</u>	<u>1017</u>
	<u>27</u>	<u>1106</u>
	<u>30</u>	<u>1180</u>
	<u>33</u>	<u>1236</u>
	<u>36</u>	<u>1276</u>
	<u>39</u>	<u>1308</u>
	<u>42</u>	<u>1335</u>
	<u>45</u>	<u>1357</u>
	<u>48</u>	<u>1372</u>

**Second Flow Pressure**  
Breakdown: 12 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

Point	Minutes	Press.
	<u>0</u>	<u>79</u>
	<u>5</u>	<u>79</u>
	<u>10</u>	<u>79</u>
	<u>15</u>	<u>79</u>
	<u>20</u>	<u>79</u>
	<u>25</u>	<u>79</u>
	<u>30</u>	<u>79</u>
	<u>35</u>	<u>79</u>
	<u>40</u>	<u>84</u>
	<u>45</u>	<u>89</u>
	<u>50</u>	<u>91</u>
	<u>55</u>	<u>93</u>
	<u>60</u>	<u>94</u>

**Final Shut-In**  
Breakdown: 21 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point	Minutes	Press.
	<u>0</u>	<u>94</u>
	<u>3</u>	<u>233</u>
	<u>6</u>	<u>450</u>
	<u>9</u>	<u>653</u>
	<u>12</u>	<u>824</u>
	<u>15</u>	<u>948</u>
	<u>18</u>	<u>1057</u>
	<u>21</u>	<u>1123</u>
	<u>24</u>	<u>1175</u>
	<u>27</u>	<u>1217</u>
	<u>30</u>	<u>1254</u>
	<u>33</u>	<u>1272</u>
	<u>36</u>	<u>1289</u>
	<u>39</u>	<u>1307</u>
	<u>42</u>	<u>1325</u>
	<u>45</u>	<u>1347</u>
	<u>48</u>	<u>1358</u>
	<u>51</u>	<u>1367</u>
	<u>54</u>	<u>1377</u>
	<u>57</u>	<u>1388</u>
	<u>60</u>	<u>1397</u>
	<u>63</u>	<u>1401</u>

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DS7 #1

