



P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC. FORMATION TESTING

TICKET

24292

Formation Mississippi Elevation 1425 KB Eff. Pay Ellis Ft. Wining

District Augusta

Date 4-9-76

Customer Order No.

COMPANY NAME

McCoy Petroleum Company

ADDRESS 816 Vickers - KS B+T Building Wichita, Kans.

LEASE AND WELL NO. 444 Wharton 1-B COUNTY Harper STATE Kans. Sec. 34 Twp. 33S Rge. 8E

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 4677' to 4690' Total Depth 4690'

Size Main Hole 2 3/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No

Top Packer Depth 4672 Ft. Size 6 3/4 Bottom Packer Depth 4677 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 13 Ft. Size 5 1/2 OD Surface Choke Size 1/2 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4681 Ft. Clock No. 6895 Depth 4684 Ft. Clock No. 4964

Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make KUSTER Cap. 3200 No. 1561 Inside Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 7:04 P.M.

Tool Open I.F.P. From 7:05 P.M. to 7:35 P.M. - Hr. 30 Min. From (B) 39 47 P.S.I. To (C) 47 40 P.S.I.

Tool Closed I.C.I.P. From 7:35 P.M. to 8:20 P.M. - Hr. 45 Min. (D) 16 28 P.S.I. To (E) 16 37 P.S.I.

Tool Open F.F.P. From 8:20 P.M. to 9:20 P.M. - Hr. 60 Min. From (E) 23 27 P.S.I. To (F) 23 24 P.S.I.

Tool Closed F.C.I.P. From 9:20 P.M. to 10:20 P.M. - Hr. 60 Min. (G) 14 36 P.S.I. To (H) 14 41 P.S.I.

Initial Hydrostatic Pressure (A) 2711 P.S.I. Final Hydrostatic Pressure (H) 2386 P.S.I. Maximum Temp. -

INFORMATION

BLOW Strong blow - gas to surface in 7 minutes.

Did Well Flow - Yes X No - Recovery Total Ft. 10' drilling mud

Reversed Out - Yes X No - Mud Type Starch Viscosity 66 Weight 9.8 Water Loss 7.2 cc. Chlorides 37,000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packers yes Did Packers Hold? yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drilling Length Drill Pipe 4338 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 319 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 FH In. Length D.S.T. Tool 33 ft.

Remarks Read outside recorder

See attached sheet for gas measurements

See gas chart

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

Signature of Customer or his Authorized Representative

Western Representative

Operator's Time

Hrs.

RECEIVED
APR 12 1976

INVOICE SECTION

Open Hole Test \$ 355.00

Straddle Test \$ -

Jars \$ -

Selective Zone \$ -

Safety Joint \$ -

Misrun \$ -

Evaluation \$ -

Packer \$ -

Circ. Sub. \$ -

Total \$ 355.00

WESTERN TESTING CO., INC.
Pressure Data

Date 4-9-76 Test Ticket No. 24292
 Order No. 1561 Capacity 3200 Location HGBA Ft.
 Check No. 4964 Elevation 1425 AB Well Temperature °F
 Int Pressure Time Given Time Computed
 Initial Hydrostatic Mud 2660 P.S.I. Open Tool 7:04 P.M.
 First Initial Flow Pressure 47 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 First Final Flow Pressure 46 P.S.I. Initial Closed-in Pressure 45 Mins. 39 Mins.
 Initial Closed-in Pressure 1637 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 Second Initial Flow Pressure 27 P.S.I. Final Closed-in Pressure 60 Mins. 57 Mins.
 Second Final Flow Pressure 24 P.S.I.
 Final Closed-in Pressure 1441 P.S.I.
 Final Hydrostatic Mud 2424 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>19</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.	
Int ns.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1.0	<u>47</u>	0	<u>46</u>	0	<u>247</u>	0	<u>24</u>
2.5	<u>37</u>	3	<u>603</u>	5	<u>27</u>	3	<u>453</u>
3.10	<u>38</u>	6	<u>1269</u>	10	<u>26</u>	6	<u>739</u>
4.15	<u>40</u>	9	<u>1455</u>	15	<u>25</u>	9	<u>1052</u>
5.20	<u>41</u>	12	<u>1520</u>	20	<u>25</u>	12	<u>1197</u>
6.25	<u>44</u>	15	<u>1556</u>	25	<u>25</u>	15	<u>1264</u>
7.30	<u>46</u>	18	<u>1574</u>	30	<u>25</u>	18	<u>1299</u>
8.35		21	<u>1590</u>	35	<u>25</u>	21	<u>1323</u>
9.40		24	<u>1602</u>	40	<u>24</u>	24	<u>1340</u>
10.45		27	<u>1611</u>	45	<u>24</u>	27	<u>1355</u>
11.50		30	<u>1619</u>	50	<u>24</u>	30	<u>1367</u>
12.55		33	<u>1626</u>	55	<u>24</u>	33	<u>1379</u>
13.60		36	<u>1633</u>	60	<u>24</u>	36	<u>1388</u>
14.		39	<u>1637</u>	65		39	<u>1399</u>
15.		42		70		42	<u>1408</u>
16.		45		75		45	<u>1415</u>
17.		48		80		48	<u>1422</u>
18.		51		85		51	<u>1429</u>
19.		54		90		54	<u>1436</u>
20.		57				57	<u>1441</u>
		60				60	



GAS FLOW REPORT

Nº 162

Date 4-9-76 Ticket 24292 Company McCoy Petroleum
Well Name and No. Wharton 1-B Dst No. 1 Interval Tested 4677' to 4690'
County Harper State Kans. Sec. 39 Twp. 33S Rg. 8W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
gas to surface PRE FLOW 17 minutes						
20 12 min	7:05 PM	1/2 orifice	40	inches of water		39,600 C.F.P.D.

SECOND FLOW

10 min	8:20 PM	1/2 orifice	32	inches of water	35,500	C.F.P.D.
20 "	8:40 PM	"	23	"	30,100	C.F.P.D.
30 "	8:50 PM	"	20	"	28,000	C.F.P.D.
40 "	9:00 PM	"	18	"	26,600	C.F.P.D.
50 "	9:10 PM	"	15	"	24,500	C.F.P.D.
60 "	9:20 PM	"	15	"	24,500	C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled 4-9-76 Date to be Invoiced 4-9-76

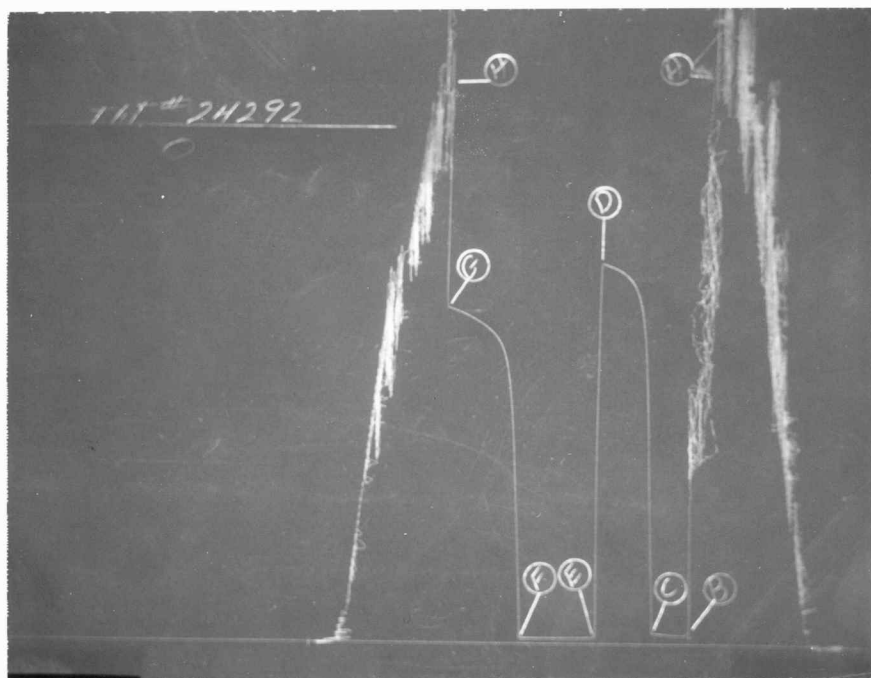
Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By 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

Authorized by

McCoy Petroleum Co.
Roger McCoy





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company McCoy Petroleum Co. Lease & Well No. Wharton #1-B
Elevation 1425 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 24292
Date 4-9-76 Sec. 34 Twp. 33S Range 8W County Harper State Kansas
Test Approved by Roger McCoy Western Representative Roy Pendlay
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4677' to 4690' Total Depth 4690'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4672 Ft. Size 6 3/4 Bottom Packer Depth 4677 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 13 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4681 Ft. Clock No. 6895 Depth 4684 Ft. Clock No. 4964
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3200 No. 1561 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside ☐ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside ☐ Outside
Time Set Packer 7:04 P. M
Tool Open I.F.P. From 7:05P M. to 7:35P M. - Hr. 30 Min. From (B) 47 P.S.I. To (C) 46 P.S.I.
Tool Closed I.C.I.P. From 7:35P M. to 8:20P M. - Hr. 45 Min (D) 1637 P.S.I.
Tool Open F.F.P. From 8:20P M. to 9:20P M. - Hr. 60 Min. From (E) 27 P.S.I. To (F) 23 24 P.S.I.
Tool Closed F.C.I.P. From 9:20P M. to 10:20P M. - Hr. 60 Min. (G) 1441 P.S.I.
Initial Hydrostatic Pressure (A) 2660 P.S.I. Final Hydrostatic Pressure (H) 2424 P.S.I. Maximum Temp. -

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 17 minutes.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 10' drilling mud.

Reversed Out ☐ Yes ☒ No Mud Type starch Viscosity 66 Weight 9.8 Water Loss 7.2 cc. Chlorides 37,000 P.P.M.

EXTRA 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. Co. Length Drill Pipe? 4338 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 319 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 In. Length D.S.T. Tool 33 Ft.

Remarks: Read outside recorder. See attached sheet for gas measurements.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 4-9-76 Ticket 24292 Company McCoy Petroleum Co.
Well Name and No. Wharton #1-B Dst No. 1 Interval Tested 4677' to 4690'
County Harper State Kansas Sec. 34 Twp. 33S Rg. 8W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
7:05 PM	12 min.	1/2" orifice	40" of water			39,600 C.F.P.D.
Gas to surface in 17 minutes.						

SECOND FLOW						
8:20 PM	10 min	1/2" orifice	32" of water			35,500 C.F.P.D.
8:40 PM	20 min	1/2" orifice	23" of water			30,100 C.F.P.D.
8:50 PM	30 min	1/2" orifice	20" of water			28,000 C.F.P.D.
9:00 PM	40 min	1/2" orifice	18" of water			26,600 C.F.P.D.
9:10 PM	50 min	1/2" orifice	15" of water			24,500 C.F.P.D.
9:20 PM	60 min	1/2" orifice	15" of water			24,500 C.F.P.D.
All measurements were taken through a 1/2" orifice well tester.						

GAS BOTTLE

Serial No. = Date Bottle Filled 4-9-76 Date to be Invoiced 4-9-76

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 Roger McCoy

WESTERN TESTING CO., INC.

Pressure Data

Date 4-9-76 Test Ticket No. 24292
 Recorder No. 1561 Capacity 3200 Location 4684 Ft.
 Clock No. 4964 Elevation 1425 Kelly Bushing Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2660 P.S.I.	Open Tool	7:04 P. M.	
B First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	46 P.S.I.	Initial Closed-in Pressure	45 Mins.	39 Mins.
D Initial Closed-in Pressure	1637 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	27 P.S.I.	Final Closed-in Pressure	60 Mins.	57 Mins.
F Second Final Flow Pressure	24 P.S.I.			
G Final Closed-in Pressure	1441 P.S.I.			
H Final Hydrostatic Mud	2424 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>19</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>47</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>24</u>
P 2 <u>5</u>	<u>37</u>	<u>3</u>	<u>603</u>	<u>5</u>	<u>27</u>	<u>3</u>	<u>453</u>
P 3 <u>10</u>	<u>38</u>	<u>6</u>	<u>1269</u>	<u>10</u>	<u>26</u>	<u>6</u>	<u>739</u>
P 4 <u>15</u>	<u>40</u>	<u>9</u>	<u>1455</u>	<u>15</u>	<u>25</u>	<u>9</u>	<u>1052</u>
P 5 <u>20</u>	<u>41</u>	<u>12</u>	<u>1520</u>	<u>20</u>	<u>25</u>	<u>12</u>	<u>1197</u>
P 6 <u>25</u>	<u>44</u>	<u>15</u>	<u>1556</u>	<u>25</u>	<u>25</u>	<u>15</u>	<u>1264</u>
P 7 <u>30</u>	<u>46</u>	<u>18</u>	<u>1574</u>	<u>30</u>	<u>25</u>	<u>18</u>	<u>1299</u>
P 8		<u>21</u>	<u>1590</u>	<u>35</u>	<u>25</u>	<u>21</u>	<u>1323</u>
P 9		<u>24</u>	<u>1602</u>	<u>40</u>	<u>24</u>	<u>24</u>	<u>1340</u>
P10		<u>27</u>	<u>1611</u>	<u>45</u>	<u>24</u>	<u>27</u>	<u>1355</u>
P11		<u>30</u>	<u>1619</u>	<u>50</u>	<u>24</u>	<u>30</u>	<u>1367</u>
P12		<u>33</u>	<u>1626</u>	<u>55</u>	<u>24</u>	<u>33</u>	<u>1379</u>
P13		<u>36</u>	<u>1633</u>	<u>60</u>	<u>24</u>	<u>36</u>	<u>1388</u>
P14		<u>39</u>	<u>1637</u>			<u>39</u>	<u>1399</u>
P15						<u>42</u>	<u>1408</u>
P16						<u>45</u>	<u>1415</u>
P17						<u>48</u>	<u>1422</u>
P18						<u>51</u>	<u>1429</u>
P19						<u>54</u>	<u>1436</u>
P20						<u>57</u>	<u>1441</u>