WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 9539

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation _____ Formation Miss Eff. Pay _____ Ft.

District Pratt Date 3-11-81 Customer Order No. _____

COMPANY NAME McCoy Petroleum Corporation

ADDRESS Wichita KS One Main Place Suite 410 Wichita 67202

LEASE AND WELL NO. Long #2 COUNTY Harper STATE KS Sec. 16 Twp 31S Rge 8W

Mail Invoice To Same (Co. Name) Address No. Copies Requested Reg

Mail Charts To Same Address No. Copies Requested Reg

Formation Test No. 1 Interval Tested from 4378 ft. to 4388 ft. Total Depth 4388 ft.

Packer Depth 4353 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4378 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4351 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4385 ft. Recorder Number 1565 Cap. 4500

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

Drilling Contractor Sweetman #1 Drill Collar Length 220 I. D. 2.2 in.

Mud Type Starch Viscosity 55 Weight Pipe Length — I. D. — in.

Weight 9.5 Water Loss 8.8 cc. Drill Pipe Length 4053 I. D. 3.8 in.

Chlorides — P.P.M. Test Tool Length 20 ft. Tool Size 5½ OD in.

Jars: Make — Serial Number — Anchor Length 10 ft. Size 5½ 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 4½ FH in.

Blow: Strong GTS 9 min - See Gas Flow Report

Recovered 30 ft. of Slightly Oil Cut Mud

Recovered 120 ft. of Heavy Oil Cut Mud

Recovered 60 ft. of Oil

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time On Location 4:00 A.M. (P.M.) Time Pick Up Tool 5:00 A.M. (P.M.) Time Off Location 1:00 A.M. (P.M.)

Time Set Packer(s) 6:58 A.M. (P.M.) Time Started Off Bottom 10:13 A.M. (P.M.) Maximum Temperature 118°

Initial Hydrostatic Pressure			(A) 2271	P.S.I.		
Initial Flow Period	Minutes 30	(B) 54	P.S.I. to	(C) 54	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 1390	P.S.I.			
Final Flow Period	Minutes 60	(E) 54	P.S.I. to	(F) 54	P.S.I.	
Final Closed In Period	Minutes 60	(G) 1336	P.S.I.			
Final Hydrostatic Pressure		(H) 2163	P.S.I.			

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Ray Woodin
Signature of Customer or his authorized representative

Western Representative M. Piotrowski

Thank you

FIELD INVOICE

Open Hole Test	$ 700
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage 60	$ 95.00
Fluid Sampler	$
Extra Charts	$
Insurance	$
TOTAL	$

Phone 316 262-5861

P. O. Box 1599

WICHITA, KANSAS 67201

GAS FLOW REPORT

No 2289

Date 3-11-81 Ticket 9539 Company McCoy Pet.

Well Name and No. Long #2 Dst No. 1 Interval Tested 4378-88

County Harper State KS Sec. 16 Twp. 31s Rg. 8w

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
	Inches of water			**PRE FLOW**	GTS 9 min.
20	20	1"			115,000 cfpd
30	24	1"			126,000 "
	TSTM				
	TSTM				
	Inches of Water			**SECOND FLOW**	
10	24	1"			126,000 cfpd
20					
30					
40					
50					
60					

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 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 _____

Authorized by _____

FORM WTC 9

WESTERN TESTING CO., INC.
Pressure Data

Date 3-11 Test Ticket No. 9539

Recorder No. 5673 Capacity 5400 Location 4381 Ft.

Clock No. ——— Elevation ——— Well Temperature 118 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2275	P.S.I.
B	First Initial Flow Pressure	52	P.S.I.
C	First Final Flow Pressure	55	P.S.I.
D	Initial Closed-in Pressure	1395	P.S.I.
E	Second Initial Flow Pressure	55	P.S.I.
F	Second Final Flow Pressure	63	P.S.I.
G	Final Closed-in Pressure	1343	P.S.I.
H	Final Hydrostatic Mud	2148	P.S.I.

	Time Given	Time Computed
Open Tool	6:58 PM	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	45 Mins.	45 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	52
P 2	5	52
P 3	10	52
P 4	15	53
P 5	20	54
P 6	25	55
P 7	30	55
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point Minutes	Press.
0	55
3	765
6	1037
9	1168
12	1246
15	1286
18	1316
21	1335
24	1349
27	1362
30	1368
33	1376
36	1384
39	1386
42	1392
45	1395
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	55
5	55
10	57
15	57
20	(
25	)
30	57
35	57
40	59
45	60
50	62
55	63
60	63
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	63
3	746
6	970
9	1076
12	1138
15	1184
18	1214
21	1238
24	1254
27	1268
30	1281
33	1289
36	1297
39	1308
42	1314
45	1319
48	1324
51	1332
54	1335
57	1341
60	1343

GAS FLOW REPORT

Date 3/11/81 Ticket 9539 Company McCoy Petroleum Corporation

Well Name and No. Long #2 Dst No. 1 Interval Tested 4378'-4388'

County Harper State Kansas Sec. 16 Twp. 31S 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			
Gas to surface nine minutes.						
	20 min.	20" of	water	1" orifice		115,000 CFPD
	30 min.	24" of	water	1" orifice		126,000 CFPD
			SECOND FLOW			
	10 min.	24" of	water	1" orifice		126,000 CFPD
	20 min.	24" of	water	1" orifice		126,000 CFPD
	30 min.	24" of	water	1" orifice		126,000 CFPD
	40 min.	24" of	water	1" orifice		126,000 CFPD
	50 min.	24" of	water	1" orifice		126,000 CFPD
	60 min.	24" of	water	1" orifice		126,000 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 3/11/81

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

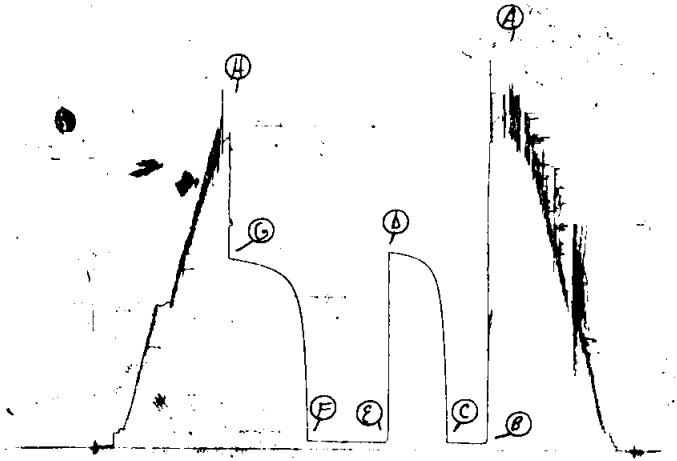
Authorized by Ray Goodin

FORM WTC 6

5673
DST #1

IRT # 9539

I



Company McCoy Petroleum Corporation Lease & Well No. Long #2

Elevation ---- Formation Mississippi Effective Pay - Ft. Ticket No. 9539

Date 3/11/81 Sec. 16 Twp. 31S Range 8W County Harper State Kansas

Test Approved by Ray Goodin Western Representative Jeff Piotrowski

Formation Test No. 1 Interval Tested from 4378 ft. to 4388 ft. Total Depth 4388 ft.

Packer Depth 4373 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4378 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4381 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4385 ft. Recorder Number 1565 Cap. 4900

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

Drilling Contractor Sweetman Drlg. Rig #1 Drill Collar Length 270 I. D. 2.2 in.

Mud Type starch Viscosity 55 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 8.8 cc. Drill Pipe Length 4088 I. D. 3.8 in.

Chlorides -- P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 10 ft. Size 5½OD 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 4½FH in.

Blow: Strong. Gas to surface nine minutes. See attached sheet for gas measurements.

Recovered 30 ft. of slightly oil cut mud

Recovered 120 ft. of heavy oil cut mud

Recovered 60 ft. of oil

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:58 ~~A.M.~~ P.M. Time Started Off Bottom 10:13 ~~A.M.~~ P.M. Maximum Temperature 118°

Initial Hydrostatic Pressure (A) 2275 P.S.I.

Initial Flow Period Minutes 30 (B) 52 P.S.I. to (C) 55 P.S.I.

Initial Closed In Period Minutes 45 (D) 1395 P.S.I.

Final Flow Period Minutes 60 (E) 55 P.S.I. to (F) 63 P.S.I.

Final Closed In Period Minutes 60 (G) 1343 P.S.I.

Final Hydrostatic Pressure (H) 2148 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 3-11-81 Test Ticket No. 9539

Recorder No. 5673 Capacity 5400 Location 4381 Ft.

Clock No. ------- Elevation --------- Well Temperature 118 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2275 P.S.I.	Open Tool	6:58 P M	
B	First Initial Flow Pressure	52 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	55 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1395 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	55 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	63 P.S.I.			
G	Final Closed-in Pressure	1343 P.S.I.			
H	Final Hydrostatic Mud	2148 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	52
P 2 5	52
P 3 10	52
P 4 15	53
P 5 20	54
P 6 25	55
P 7 30	55
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	55
3	765
6	1037
9	1168
12	1246
15	1286
18	1316
21	1335
24	1349
27	1362
30	1368
33	1376
36	1384
39	1386
42	1392
45	1395

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

Point Minutes	Press.
0	55
5	55
10	57
15	57
20	57
25	57
30	57
35	57
40	59
45	60
50	62
55	63
60	63

Final Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	63
3	746
6	970
9	1076
12	1138
15	1184
18	1214
21	1238
24	1254
27	1268
30	1281
33	1289
36	1297
39	1308
42	1314
45	1319
48	1324
51	1332
54	1335
57	1341
60	1343