Call-OK

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET № 16436

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

Elevation _____ Formation Miss Eff. Pay _____ Ft.

District Pratt Date 10/19/82 Customer Order No. _____

COMPANY NAME McCoy Petroleum Corporation

ADDRESS One Main Place Suite 4/0 Wichita KS 67202

LEASE AND WELL NO. Davis 1-A COUNTY Harper STATE KS Sec. 8 Twp. 31s Rge. 9w

Mail Invoice To Same #1 DAVIS "A" No. Copies Requested Reg
Co. Name Address

Mail Charts To Same No. Copies Requested Reg
Address

Formation Test No. 1 Interval Tested From 4468 ft. to 4487 ft. Total Depth 4487 ft.

Packer Depth 4463 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4468 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4477 ft. Recorder Number 1565 Cap. 4900

Bottom Recorder Depth (Outside) 4480 ft. Recorder Number 1560 Cap. 4500

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

Drilling Contractor Sweetman #1

Mud Type Starch Viscosity 46

Weight 9.4 Water Loss 9.0 cc.

Chlorides N/C P.P.M.

Jars: Make — Serial Number —

Did Well Flow? NO Reversed Out NO

Drill Collar Length 270 I. D. 2.2 in.

Weight Pipe Length — I. D. — in.

Drill Pipe Length 4178 I. D. 3.8 in.

Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Anchor Length 19 ft. Size 5 1/2 OD in.

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 XH in.

Blow: Strong thru I.F. - GTS 1 min. F.F. See ~~Gas Flow Report~~ Attached Sheet for gas Measurements

Recovered 45 ft. of Gas Cut Mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

OCT 20 1982

Time On Location 11:30 A.M. P.M. Time Pick Up Tool 1:30 A.M. P.M. Time Off Location 9:00 A.M. P.M.

Time Set Packer(s) 3:20 A.M. P.M. Time Started Off Bottom 6:35 A.M. P.M. Maximum Temperature 110°

Initial Hydrostatic Pressure ..... (A) 2332 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 24 P.S.I. to (C) 24 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1236 P.S.I.

Final Flow Period ..... Minutes 60 (E) 12 P.S.I. to (F) 12 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1064 P.S.I.

Final Hydrostatic Pressure ..... (H) 2233 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 Robert E. McCann
Signature of Customer or his authorized representative

Western Representative Jeff Piotrowski

Thank you

FIELD INVOICE

Open Hole Test	$ 675.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	$ 675.00

Phone 316 262-5861

P. O. Box 1599

WICHITA, KANSAS 67201

No. 4081

GAS FLOW REPORT

Date 10/14/82 Ticket 16436 Company McCoy Pet.

Well Name and No. Davis #1-A Dst No. 1 Interval Tested 4468 - 4487

County Harper State KS Sec. 8 Twp. 31S Rg. 9W

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
PRE FLOW					
SECOND FLOW GTS 1 min.					
	Inches of Water				
10	7	1/2			16,300 cfpd.
20	5				14,100
30	4				12,500
40	4				
50	4				
60	4				12,500

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 10-19 Test Ticket No. 16436

Recorder No. 1565 Capacity 4900 Location 4477 Ft.

Clock No. — — — — Elevation Well Temperature 110 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2360 P.S.I.	Open Tool	3:20 AM	
B	First Initial Flow Pressure	31 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	31 P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D	Initial Closed-in Pressure	1255 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	12 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	17 P.S.I.			
G	Final Closed-in Pressure	1079 P.S.I.			
H	Final Hydrostatic Mud	2270 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: 6 Inc.	Breakdown: 14 Inc.	Breakdown: 12 Inc.	Breakdown: 20 Inc.
of 5 mins. and a	of 3 mins. and a	of 5 mins. and a	of 3 mins. and a
final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.

Point	Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	31	0	31	0	12	0	17
P 2	5		3	391	5		3	334
P 3	10		6	589	10		6	460
P 4	15		9	754	15		9	562
P 5	20		12	865	20		12	636
P 6	25		15	949	25	12	15	698
P 7	30	31	18	1010	30	13	18	754
P 8	35		21	1062	35	14	21	804
P 9	40		24	1102	40	15	24	844
P10	45		27	1142	45	16	27	878
P11	50		30	1172	50	17	30	906
P12	55		33	1197	55	17	33	933
P13	60		36	1219	60	17	36	955
P14			39	1236	65		39	975
P15			42	1255	70		42	995
P16			45		75		45	1015
P17			48		80		48	1032
P18			51		85		51	1046
P19			54		90		54	1057
P20			57				57	1068
			60				60	1079

WTC - 4

1565
DST#1

TKT # 16436

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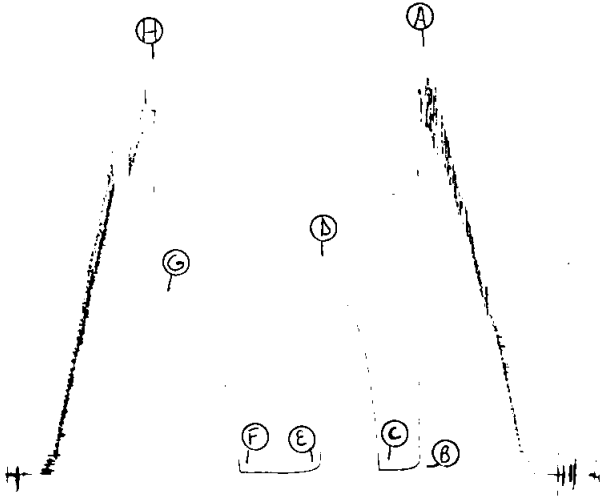

Company McCoy Petroleum Corporation | Lease & Well No. #1 Davis "A"

Elevation --- | Formation Mississippi | Effective Pay --- Ft. | Ticket No. 16436

Date 10/19/82 | Sec. 8 | Twp. 31S | Range 9W | County Harper | State Kansas

Test Approved by Robert E. McCann | Western Representative Jeff Piotrowski

Formation Test No. 1 | Interval Tested from 4468 ft. to 4487 ft. | Total Depth 4487 ft.

Packer Depth 4463 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Packer Depth 4468 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4477 ft. | Recorder Number 1565 | Cap. 4900

Bottom Recorder Depth (Outside) 4480 ft. | Recorder Number 1560 | Cap. 4500

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 46 | Weight Pipe Length - | I. D. - in.

Weight 9.4 | Water Loss 9.0 cc. | Drill Pipe Length 4178 | I. D. 3.8 in.

Chlorides N/C P.P.M. | Test Tool Length 20 ft. | Tool Size 5½OD in.

Jars: Make - | Serial Number - | Anchor Length 19 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 4½XH in.

Blow: Strong throughout initial flow period. Gas to surface in one minute on final flow period. See attached sheet for gas measurements.

Recovered 45 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:20 A.M. P.M. | Time Started Off Bottom 6:35 A.M. P.M. | Maximum Temperature 110°

Initial Hydrostatic Pressure			(A) 2360 P.S.I.			
Initial Flow Period	Minutes 30	(B) 31 P.S.I.	to	(C) 31 P.S.I.		
Initial Closed In Period	Minutes 42	(D) 1255 P.S.I.				
Final Flow Period	Minutes 60	(E) 12 P.S.I.	to	(F) 17 P.S.I.		
Final Closed In Period	Minutes 60	(G) 1079 P.S.I.				
Final Hydrostatic Pressure			(H) 2270 P.S.I.			

GAS FLOW REPORT

Date 10/19/82 Ticket 16436 Company McCoy Petroleum Corporation

Well Name and No. Davis #1-A Dst No. 1 Interval Tested 4468'-4487'

County Harper State Kansas Sec. 8 Twp. 31S Rg. 9W

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
PRE FLOW						
SECOND FLOW						
Gas to surface in one minute.						
10 min.	7" of water		1/2" orifice			16,700 CFPD
20 min.	5" of water		1/2" orifice			14,100 CFPD
30 min.	4" of water		1/2" orifie			12,500 CFPD
40 min.	4" of water		1/2" orifice			12,500 CFPD
50 min.	4" of water		1/2" orifice			12,500 CFPD
60 min.	4" of water		1/2" orifice			12,500 CFPD

GAS BOTTLE

Serial No. --- Date Bottle Filled --- Date to be Invoiced 10/19/82

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

Robert E. McCann

Authorized by _____

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 10/19/82 Test Ticket No. 16436

Recorder No. 1565 Capacity 4900 Location 4477 Ft.

Clock No. -- Elevation -- Well Temperature 110 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2360 P.S.I.	Open Tool		3:20A M	
B	First Initial Flow Pressure	31 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	31 P.S.I.	Initial Closed-in Pressure		45 Mins.	42 Mins.
D	Initial Closed-in Pressure	1255 P.S.I.	Second Flow Pressure		60 Mins.	60 Mins.
E	Second Initial Flow Pressure	12 P.S.I.	Final Closed-in Pressure		60 Mins.	60 Mins.
F	Second Final Flow Pressure	17 P.S.I.				
G	Final Closed-in Pressure	1079 P.S.I.				
H	Final Hydrostatic Mud	2270 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	31
P 2 5	31
P 3 10	31
P 4 15	31
P 5 20	31
P 6 25	31
P 7 30	31
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 14 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	31
3	391
6	589
9	754
12	865
15	949
18	1010
21	1062
24	1102
27	1142
30	1172
33	1197
36	1219
39	1236
42	1255

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

Point Minutes	Press.
0	12
5	12
10	12
15	12
20	12
25	12
30	13
35	14
40	15
45	16
50	17
55	17
60	17

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

Point Minutes	Press.
0	17
3	334
6	460
9	562
12	636
15	698
18	754
21	804
24	844
27	878
30	906
33	933
36	955
39	975
42	995
45	1015
48	1032
51	1046
54	1057
57	1068
60	1079