Call on.

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET Nº 9101

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

Elevation 1799 Ground Level Formation Kansas City Eff. Pay Ft.

District PRATT Date 12-29-80 Customer Order No.

COMPANY NAME P. V. Properties, Inc.

ADDRESS 360 Sutton Place Wichita Kns. 67202

LEASE AND WELL NO. BAAR # 1 COUNTY Stafford STATE KANSAS Sec. 9 Twp. 25 S Rge. 11 W

Mail Invoice To SAME No. Copies Requested 5
Co. Name Address

Mail Charts To SAME No. Copies Requested 5
Address

Formation Test No. 1 Interval Tested from 3458 ft. to 3504 ft. Total Depth 3504 ft.

Packer Depth 3453 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3458 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3462 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3465 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Slawson Rig 1 Drill Collar Length 368 I. D. 2 1/4 in.

Mud Type Starch Viscosity 44 Weight Pipe Length 124 I. D. 2 1/2 in.

Weight 9.5 Water Loss 13.0 cc. Drill Pipe Length 2944 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.

Jars: Make NO Serial Number — Anchor Length 46 ft. Size 5 1/2 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 4 1/2 XH in.

Blow: weak blow building to fair blow on initial flow period fair blow building to good blow on final flow period

Recovered 150 ft. of gas cut - slightly oil spotted - drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

RECEIVED
DEC 31 1980

Time On Location 2:30 A.M. P.M. Time Pick Up Tool 5:00 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 6:00 A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature 118° F

Initial Hydrostatic Pressure			(A)	1800	P.S.I.	
Initial Flow Period	Minutes	45	(B)	31	P.S.I. to (C)	31 P.S.I.
Initial Closed In Period	Minutes	45	(D)	416	P.S.I.	
Final Flow Period	Minutes	45	(E)	104	P.S.I. to (F)	83 P.S.I.
Final Closed In Period	Minutes	45	(G)	385	P.S.I.	
Final Hydrostatic Pressure			(H)	1768	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 Terry L McLeod
Signature of Customer or his authorized representative

Western Representative Rod Tritt Thank you!

FIELD INVOICE

Open Hole Test	$ 550.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$ 50.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$ 35 mi 262
Fluid Sampler	$
Extra Charts	$
Insurance	$
TOTAL	$ 626.25

WESTERN TESTING CO., INC.
Pressure Data

Date 12-29 Test Ticket No. 901

Recorder No. 2606 Capacity 4150 Location 3462 Ft.

Clock No. —— Elevation 1799 GL Well Temperature 118 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1800 P.S.I.	Open Tool	6:00 AM	
B	First Initial Flow Pressure	17 P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	23 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	421 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	108 P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F	Second Final Flow Pressure	85 P.S.I.			
G	Final Closed-in Pressure	386 P.S.I.			
H	Final Hydrostatic Mud	1775 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	17
P 2 5	19
P 3 10	20
P 4 15	22
P 5 20	22
P 6 25	23
P 7 30	23
P 8 35	
P 9 40	
P10 45	23
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	23
3	29
6	39
9	49
12	61
15	79
18	99
21	118
24	146
27	172
30	204
33	244
36	291
39	342
42	392
45	421
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	108
5	87
10	87
15	86
20	86
25	86
30	85
35	
40	
45	85
50	
55	
60	
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	85
3	91
6	98
9	109
12	118
15	130
18	144
21	162
24	185
27	209
30	239
33	265
36	300
39	337
42	386
45	
48	
51	
54	
57	
60	

2606 DST #1

IRT # 9101

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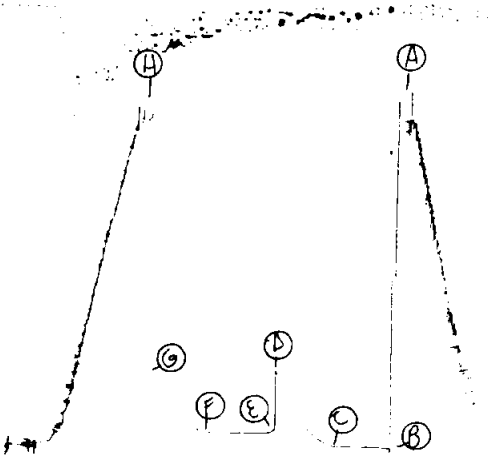

Company PV Properties, Inc. Lease & Well No. Baar #1

Elevation 1799 Ground Level Formation Kansas City Effective Pay - Ft. Ticket No. 9101

Date 12-29-80 Sec. 9 Twp. 25S Range 11W County Stafford State Kansas

Test Approved by Terry L McLeod Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 3458 ft. to 3504 ft. Total Depth 3504 ft.

Packer Depth 3453 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3458 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3462 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3465 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Slawson Rig #1 Drill Collar Length 368 I. D. 2¼ in.

Mud Type Starch Viscosity 44 Weight Pipe Length 124 I. D. 2½ in.

Weight 9.5 Water Loss 13.0 cc. Drill Pipe Length 2944 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 22 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 46 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: Weak blow building to fair blow on initial flow period. Fair blow building to good blow on final flow period. No gas to surface.

Recovered 150 ft. of gas cut slightly oil spotted drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:00 A.M. P.M. Time Started Off Bottom 9:00 A.M. P.M. Maximum Temperature 118

Initial Hydrostatic Pressure			(A)	1800	P.S.I.	
Initial Flow Period	Minutes 45	(B)	17	P.S.I. to (C)	23	P.S.I.
Initial Closed In Period	Minutes 45	(D)	421	P.S.I.		
Final Flow Period	Minutes 45	(E)	108	P.S.I. to (F)	85	P.S.I.
Final Closed In Period	Minutes 42	(G)	386	P.S.I.		
Final Hydrostatic Pressure		(H)	1775	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 12-29-80 Test Ticket No. 9101

Recorder No. 2606 Capacity 4150 Location 3462 Ft.

Clock No. - Elevation 1799 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1800 P.S.I.	Open Tool	6:00A M.	
B First Initial Flow Pressure	17 P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C First Final Flow Pressure	23 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	421 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	108 P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F Second Final Flow Pressure	85 P.S.I.			
G Final Closed-in Pressure	386 P.S.I.			
H Final Hydrostatic Mud	1775 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

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

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

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

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	17	0	23	0	108	0	85
P 2 5	19	3	29	5	87	3	91
P 3 10	20	6	39	10	87	6	98
P 4 15	22	9	49	15	86	9	109
P 5 20	22	12	61	20	86	12	118
P 6 25	23	15	79	25	86	15	130
P 7 30	23	18	99	30	85	18	144
P 8 35	23	21	118	35	85	21	162
P 9 40	23	24	146	40	85	24	185
P10 45	23	27	172	45	85	27	209
P11		30	204			30	239
P12		33	244			33	265
P13		36	291			36	300
P14		39	342			39	337
P15		42	392			42	386
P16		45	421				
P17							
P18							
P19							
P20							

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 9102

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

Elevation 1799 Ground Level Formation LANSING Eff. Pay ____ Ft.

District PRATT Date 12-29-80 Customer Order No. ____

COMPANY NAME P. V. Properties Inc.

ADDRESS 360 Sutton Place Wichita, Kansas 67124

LEASE AND WELL NO. BAAR #1 COUNTY Stafford STATE KANS Sec. 9 Twp. 25S Rge. 11W

Mail Invoice To SAME (Co. Name) Address No. Copies Requested 5

Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 2	Interval Tested from 3508 ft. to 3540 ft.	Total Depth 3540 ft.	
Packer Depth 3503 ft.	Size 6 3/4 in.	Packer Depth — ft.	Size — in.
Packer Depth 3508 ft.	Size 6 3/4 in.	Packer Depth — ft.	Size — in.
Depth of Selective Zone Set —			

Top Recorder Depth (Inside)	3512 ft.	Recorder Number 2606	Cap. 4150
Bottom Recorder Depth (Outside)	3515 ft.	Recorder Number 4332	Cap. 4200
Below Straddle Recorder Depth	— ft.	Recorder Number —	Cap. —

Drilling Contractor Sterling Drlg Rig 1		Drill Collar Length 368	I. D. 2 1/4 in.
Mud Type Chem. Steel	Viscosity 46	Weight Pipe Length 124	I. D. 2 1/2 in.
Weight 9.7	Water Loss 6.8 cc.	Drill Pipe Length 2994	I. D. 3.8 in.
Chlorides 44,000	P.P.M.	Test Tool Length 22 ft.	Tool Size 5 1/2 OD in.
Jars: Make NO	Serial Number —	Anchor Length 32 ft.	Size 5 1/2 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 4 1/2 FH in.

Blow: Strong blow throughout test - No gas to surface

Recovered 558 ft. of gas in pipe
Recovered 183 ft. of Heavy gas & oil cut mud
Recovered 540 ft. of Water
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Remarks: ____

RECEIVED DEC 31 1980

Time On Location 5:00 A.M. P.M.	Time Pick Up Tool 5:20 A.M. P.M.	Time Off Location 1:30 A.M. P.M.
Time Set Packer(s) 6:55 A.M. P.M.	Time Started Off Bottom 9:40 A.M. P.M.	Maximum Temperature 120°F

Initial Hydrostatic Pressure			(A) 1857 P.S.I.			
Initial Flow Period	Minutes 30	(B) 104 P.S.I.	to	(C) 156 P.S.I.
Initial Closed In Period	Minutes 45	(D) 935 P.S.I.		
Final Flow Period	Minutes 45	(E) 240 P.S.I.	to	(F) 312 P.S.I.
Final Closed In Period	Minutes 45	(G) 956 P.S.I.		
Final Hydrostatic Pressure			(H) 1821 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 Jerry L. McLeod
Signature of Customer or his authorized representative

Western Representative Lod Tritt Thank you

FIELD INVOICE

Open Hole Test	$ 550.00
Misrun	$ ____
Straddle Test	$ ____
Jars	$ ____
Selective Zone	$ ____
Safety Joint	$ 50.00
Standby	$ ____
Evaluation	$ ____
Extra Packer	$ ____
Circ. Sub.	$ ____
Mileage	$ 35 mi
Fluid Sampler	$ ____
Extra Charts	$ ____
Insurance	$ ____
TOTAL	$ 626.25

WESTERN TESTING CO., INC.
Pressure Data

Date 12-29 Test Ticket No. 9102

Recorder No. 2606 Capacity 4150 Location 3512 Ft.

Clock No. —— Elevation 1799 GL Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1870 P.S.I.	Open Tool	6:55 PM	
B First Initial Flow Pressure	104 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	162 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	942 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	264 P.S.I.	Final Closed-in Pressure	45 Mins.	60 Mins.
F Second Final Flow Pressure	291 P.S.I.			
G Final Closed-in Pressure	933 P.S.I.			
H Final Hydrostatic Mud	1813 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
1 0	104
2 5	97
3 10	105
4 15	123
5 20	128
6 25	144
7 30	162
8 35	
9 40	
10 45	
11 50	
12 55	
13 60	
14	
15	
16	
17	
18	
19	
20	

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

Point Minutes	Press.
0	162
3	437
6	566
9	643
12	705
15	762
18	800
21	834
24	859
27	877
30	892
33	906
36	917
39	927
42	933
45	942
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	264
5	252
10	253
15	257
20	263
25	271
30	281
35	285
40	288
45	291
50	
55	
60	
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	291
3	514
6	597
9	664
12	717
15	755
18	786
21	811
24	834
27	850
30	865
33	878
36	888
39	900
42	908
45	914
48	921
51	925
54	929
57	931
60	933

2666 DST #2

IKT # 9102

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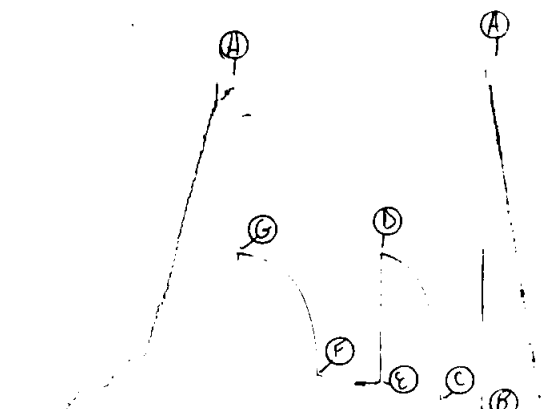

Company PV Properties, Inc. Lease & Well No. Baar #1

Elevation 1799 Ground Level Formation Lansing Effective Pay - Ft. Ticket No. 9102

Date 12-29-80 Sec. 9 Twp. 25S Range 11W County Stafford State Kansas

Test Approved by Terry L McLeod Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 3508 ft. to 3540 ft. Total Depth 3540 ft.

Packer Depth 3503 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3508 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3512 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3515 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Slawson Rig #1 Drill Collar Length 368 I. D. 2¼ in.

Mud Type Premix-Starch Viscosity 46 Weight Pipe Length 124 I. D. 2¼ in.

Weight 9.7 Water Loss 8.8 cc. Drill Pipe Length 2994 I. D. 3.8 in.

Chlorides 44,000 P.P.M. Test Tool Length 22 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 32 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 blow throughout test.

Recovered 558 ft. of gas in pipe

Recovered 183 ft. of heavy gas cut mud

Recovered 540 ft. of water

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:55 ~~A.M.~~ P.M. Time Started Off Bottom 9:40 ~~A.M.~~ P.M. Maximum Temperature 120

Initial Hydrostatic Pressure			(A)	1870	P.S.I.	
Initial Flow Period	Minutes	30	(B)	104	P.S.I. to (C)	162 P.S.I.
Initial Closed In Period	Minutes	45	(D)	942	P.S.I.	
Final Flow Period	Minutes	45	(E)	264	P.S.I. to (F)	291 P.S.I.
Final Closed In Period	Minutes	60	(G)	933	P.S.I.	
Final Hydrostatic Pressure			(H)	1813	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 12-29-80

Recorder No. 2606 Capacity 4150 Test Ticket No. 9102

Clock No. - Elevation 1799 Ground Level Location 3512 Ft.

Well Temperature 120 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1870	P.S.I.
B	First Initial Flow Pressure	104	P.S.I.
C	First Final Flow Pressure	162	P.S.I.
D	Initial Closed-in Pressure	942	P.S.I.
E	Second Initial Flow Pressure	264	P.S.I.
F	Second Final Flow Pressure	291	P.S.I.
G	Final Closed-in Pressure	933	P.S.I.
H	Final Hydrostatic Mud	1813	P.S.I.

	Time Given	Time Computed
Open Tool	6:55P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	45 Mins.	45 Mins.
Second Flow Pressure	45 Mins.	45 Mins.
Final Closed-in Pressure	45 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	104
P 2 5	97
P 3 10	105
P 4 15	123
P 5 20	128
P 6 25	144
P 7 30	162
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	162
3	437
6	566
9	643
12	705
15	762
18	800
21	834
24	859
27	877
30	892
33	906
36	917
39	927
42	933
45	942

Second Flow Pressure

Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	264
5	252
10	253
15	257
20	263
25	271
30	281
35	285
40	288
45	291

Final Shut-In

Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	291
3	514
6	597
9	664
12	717
15	755
18	786
21	811
24	834
27	850
30	865
33	878
36	888
39	900
42	908
45	914
48	921
51	925
54	929
57	931
60	933