WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 5913

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Kelly Bushing

Elevation 1300 KB Formation Mississippi Eff. Pay Ft.

District Augusta Date Sept 3, 1980 Customer Order No.

COMPANY NAME Price Oil Company

ADDRESS Box 103 RR#1 Atlanta, Ks 67008

LEASE AND WELL NO. Bush #2 COUNTY Cowley STATE Ks Sec. 30 Twp. 29 Rge. 6E

Mail Invoice To Same (Co. Name) (Address) No. Copies Requested 1

Mail Charts To Same (Address) No. Copies Requested 5

Formation Test No. 1 Interval Tested from 2770 ft. to 2800 ft. Total Depth 2800 ft.

Packer Depth 2770 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 2765 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 2775 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2779 ft. Recorder Number 10980 Cap. 4200

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Triangle Rig 3 Drill Collar Length 360 I. D. in.

Mud Type Chem Viscosity 50 Weight Pipe Length I. D. in.

Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 2389 I. D. in.

Chlorides 1800 P.P.M. Test Tool Length 31 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number Anchor Length 30 ft. Size 5 1/2 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: Wea B/B building to good B/B (initial flow) fair to good blow throughout second flow (final flow period)

Recovered 600 ft. of gas in pipe

Recovered 180 ft. of slightly oil & gas cut mud

Recovered 90 ft. of slightly oil & wtr salt water

Recovered 90 ft. of slightly oil & gas cut muddy salt water

Recovered 180 ft. of Very slightly oil & gas cut salt water

Remarks:

RECEIVED
SEP 5 - 1980

On location 6:30 PM Pick up tools 8:00, Job completed 4:30 AM

Time Set Packer(s) 10:30 A.M. P.M. Time Started Off Bottom 1:35 A.M. P.M. Maximum Temperature 111°

Initial Hydrostatic Pressure			(A)	1410	P.S.I.	
Initial Flow Period	Minutes	10	(B)	84	P.S.I. to (C)	105 P.S.I.
Initial Closed In Period	Minutes	30	(D)	954	P.S.I.	
Final Flow Period	Minutes	90	(E)	148	P.S.I. to (F)	264 P.S.I.
Final Closed In Period	Minutes	45	(G)	943	P.S.I.	
Final Hydrostatic Pressure			(H)	1410	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 Ernest Price Jr.
Signature of Customer or his authorized representative

Western Representative Kenny Kurlendell

FIELD INVOICE

Open Hole Test	$ 550.00
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
23 Mileage	$ 17.25
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 567.25

WESTERN TESTING CO., INC.

Pressure Data

Date 9-3 Test Ticket No. 5913

Recorder No. 2605 Capacity 4150 Location 2775 Ft.

Clock No. — Elevation 1300 KB Well Temperature 111 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1425 P.S.I.		Open Tool	10:30 P M	
B	First Initial Flow Pressure	82 P.S.I.		First Flow Pressure	10 Mins.	10 Mins.
C	First Final Flow Pressure	108 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	965 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	150 P.S.I.		Final Closed-in Pressure	45 Mins.	48 Mins.
F	Second Final Flow Pressure	264 P.S.I.				
G	Final Closed-in Pressure	940 P.S.I.				
H	Final Hydrostatic Mud	1408 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 2 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	82
P 2	5	97
P 3	10	108
P 4	15	
P 5	20	
P 6	25	
P 7	30	
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: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	108
3	461
6	699
9	801
12	859
15	894
18	923
21	939
24	950
27	956
30	965
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	150
5	148
10	152
15	160
20	167
25	175
30	184
35	192
40	195
45	204
50	214
55	222
60	228
65	233
70	240
75	248
80	254
85	260
90	264

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

Point Minutes	Press.
0	264
3	564
6	661
9	740
12	794
15	827
18	855
21	875
24	892
27	902
30	910
33	919
36	925
39	929
42	933
45	936
48	940
51	
54	
57	
60	

JH #5913

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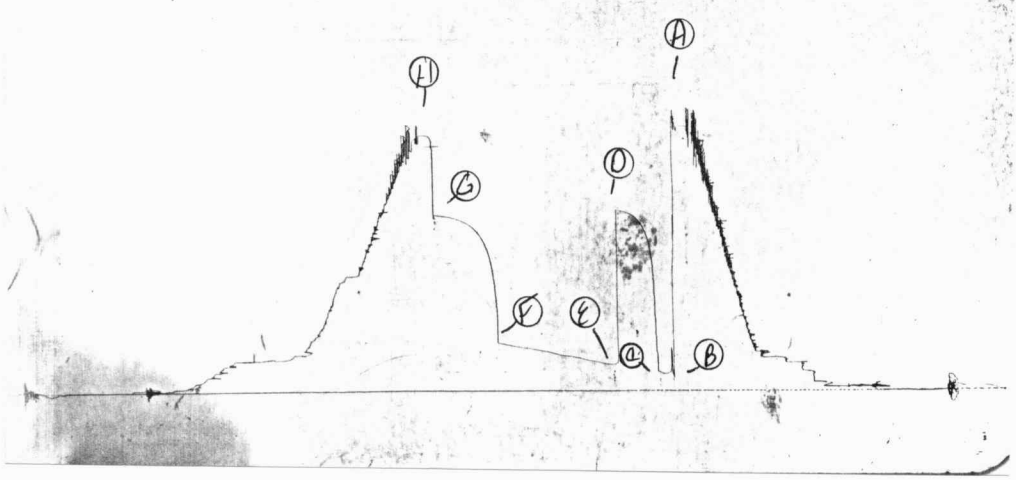

Company Price Oil Company — Lease & Well No. Bush #2

Elevation 1300 Kelly Bushing — Formation Mississippi — Effective Pay ---- Ft. — Ticket No. 5913

Date 9/3/80 — Sec. 30 — Twp. 29S — Range 6E — County Cowley — State Kansas

Test Approved by Ernest Price, Jr. — Western Representative Kenny Kirkendall

Formation Test No. 1 — Interval Tested from 2770 ft. to 2800 ft. — Total Depth 2800 ft.

Packer Depth 2770 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 2765 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2775 ft. — Recorder Number 2605 — Cap. 4150

Bottom Recorder Depth (Outside) 2779 ft. — Recorder Number 10980 — Cap. 4200

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

Drilling Contractor Triangle Drlg. Rig #3 — Drill Collar Length 360 — I. D. - in.

Mud Type chemical — Viscosity 50 — Weight Pipe Length - — I. D. - in.

Weight 9.3 — Water Loss 8.8 cc. — Drill Pipe Length 2389 — I. D. - in.

Chlorides 1,800 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½ in.

Jars: Make No — Serial Number - — Anchor Length 30 ft. — Size 5½ 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: Weak blow building to good blow initial flow period; good blow throughout final flow period.

Recovered 600 ft. of gas in pipe

Recovered 180 ft. of slightly oil and gas cut mud

Recovered 90 ft. of slightly oil cut salt water

Recovered 90 ft. of slightly oil and gas cut muddy salt water

Recovered 180 ft. of very slightly oil and gas cut salt water

Remarks:

Time Set Packer(s) 10:30 ~~A.M.~~ P.M. — Time Started Off Bottom 1:35 ~~A.M.~~ ~~P.M.~~ — Maximum Temperature 111°

Initial Hydrostatic Pressure			(A) 1425 P.S.I.			
Initial Flow Period	Minutes 10	(B) 82 P.S.I.	to (C) 108 P.S.I.			
Initial Closed In Period	Minutes 30	(D) 965 P.S.I.				
Final Flow Period	Minutes 90	(E) 150 P.S.I.	to (F) 264 P.S.I.			
Final Closed In Period	Minutes 48	(G) 940 P.S.I.				
Final Hydrostatic Pressure			(H) 1408 P.S.I.			

WESTERN TESTING CO., INC.
Pressure Data

Date 9-2-80 Test Ticket No. 5913

Recorder No. 2605 Capacity 4150 Location 2775 Ft.

Clock No. -------- Elevation 1300 Kelly Bushing Well Temperature 111 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1425 P.S.I.		Open Tool	10:30 P M	
B	First Initial Flow Pressure	82 P.S.I.		First Flow Pressure	10 Mins.	10 Mins.
C	First Final Flow Pressure	108 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	965 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	150 P.S.I.		Final Closed-in Pressure	45 Mins.	48 Mins.
F	Second Final Flow Pressure	264 P.S.I.				
G	Final Closed-in Pressure	940 P.S.I.				
H	Final Hydrostatic Mud	1408 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 2 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	82
P 2 5	97
P 3 10	108
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	108
3	461
6	699
9	801
12	859
15	894
18	923
21	939
24	950
27	956
30	965

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	150
5	148
10	152
15	160
20	167
25	175
30	184
35	192
40	195
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50	214
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Final Shut-In
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Point Minutes	Press.
0	264
3	564
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