



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 6240

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

Elevation 1810 K.B Formation LANISING Eff. Pay Ft.

District GREAT BEND Date 6/8/80 Customer Order No.

COMPANY NAME PARAMOUNT PETROLEUM
ADDRESS SUITE 505 PET. BUILDING WICHITA KS 67202
LEASE AND WELL NO. WICHTA D#2 COUNTY BARTON STATE KS Sec. 4 Twp 18S Rge 12W
Mail Invoice To SAME AS ABOVE Address No. Copies Requested 5
Co. Name Address
Mail Charts To SAME AS ABOVE Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3211 ft. to 3225 ft. Total Depth 3225 ft.
Packer Depth 3204 ft. Size 6 3/4 in. Packer Depth 3211 ft. Size 6 3/4 in.
Packer Depth ft. Size in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 3218 ft. Recorder Number 10266 Cap. 4650
Bottom Recorder Depth (Outside) 3221 ft. Recorder Number 6233 Cap. 4000
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor B+B DRILL Drill Collar Length I. D. in.
Mud Type STARCH Viscosity 45 Weight Pipe Length 62' I. D. 2.7 in.
Weight 10 Water Loss 13.2 cc. Drill Pipe Length 3127 I. D. 3.8 in.
Chlorides 80,000 P.P.M. Test Tool Length 22' ft. Tool Size 4 1/2 in.
Jars: Make Serial Number Anchor Length 14' 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 in.

Blow: 1ST - VERY WEAK BLOW - 1/8" FLUSHED TOOL - LITTLE HELP DID NOT APPLY TO DTE OR BUILD
2ND WEAK BLOW SLOWLY DYING - DIED IN 25 MIN.

Recovered 25' ft. of MUD
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

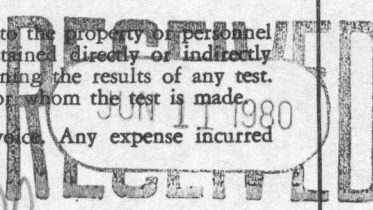
Remarks: HIT BAD BRIDGE 26 STANDS OUT OF HOLE NOT COUNTING DST'S
ARRIVAL 4:00 P.M. 6/8/80 APPROX: DEPARTURE 11:45 P.M. 6/8/80

Time Set Packer(s) 7:00 AM Time Started Off Bottom 9:00 AM Maximum Temperature 109°
Initial Hydrostatic Pressure (A) 1727 P.S.I.
Initial Flow Period 30 Minutes (B) 46 P.S.I. to (C) 46 P.S.I.
Initial Closed In Period 30 Minutes (D) 399 P.S.I.
Final Flow Period 30 Minutes (E) 46 P.S.I. to (F) 46 P.S.I.
Final Closed In Period 30 Minutes (G) 93 P.S.I.
Final Hydrostatic Pressure (H) 1669 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 David P. Williams
Signature of Customer or his authorized representative
David Clapham
Western Representative



FIELD INVOICE

Open Hole Test \$ 550.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Milage 16 x 75¢ \$ 12.00
Fluid Sampler \$
Extra Charts \$ 40.00
Insurance \$
TOTAL \$ 602.00

Copy to Williams

WESTERN TESTING CO., INC.

Pressure Data

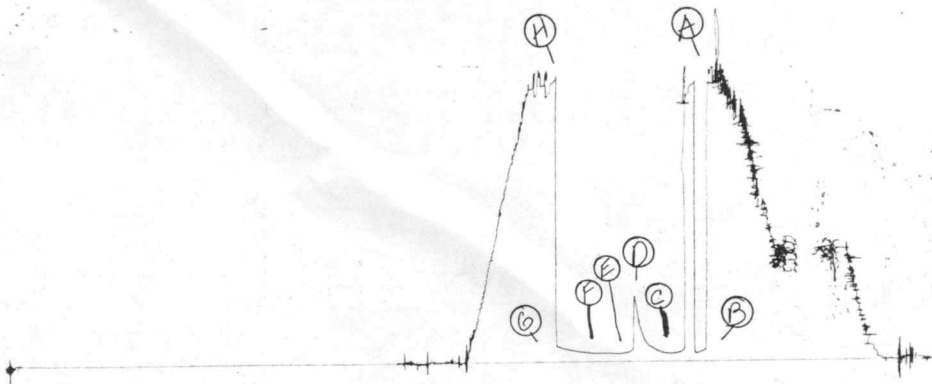
Date 6-8-80 Test Ticket No. 6240
 Recorder No. 10266 Capacity 4650 Location 3218 Ft.
 Block No. _____ Elevation 1810 KB Well Temperature 109 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>1740</u>	P.S.I.	<u>7:00 P.M.</u>	
First Initial Flow Pressure	<u>59</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
First Final Flow Pressure	<u>49</u>	P.S.I.	<u>30</u> Mins.	<u>24</u> Mins.
Initial Closed-in Pressure	<u>399</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
Second Initial Flow Pressure	<u>59</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
Second Final Flow Pressure	<u>51</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
Final Closed-in Pressure	<u>95</u>	P.S.I.		
Final Hydrostatic Mud	<u>1680</u>	P.S.I.		

PRESSURE BREAKDOWN

Point ins.	First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>8</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
	Press.	Point Minutes	Press.	Point Minutes
1	<u>59</u>	0	<u>49</u>	0
2	<u>54</u>	3	<u>56</u>	3
3	<u>54</u>	6	<u>69</u>	6
4	<u>54</u>	9	<u>84</u>	9
5	<u>48</u>	12	<u>96</u>	12
6	<u>49</u>	15	<u>127</u>	15
7		18	<u>203</u>	18
8		21	<u>319</u>	21
9		24	<u>399</u>	24
0		27		27
1		30		30
2		33		33
3		36		36
4		39		39
5		42		42
6		45		45
7		48		48
8		51		51
9		54		54
0		57		57
		60		60

TRC # 6240
I



Company Paramount Petroleum Co., Inc. Lease & Well No. Wirth D#2
 Elevation 1810 Kelly Bushing Formation Lansing Effective Pay _____ Ft. Ticket No. 6240
 Date 6-8-80 Sec. 4 Twp. 18S Range 12W County Barton State Kansas
 Test Approved by David P. Williams Western Representative Darrell Claphan

Formation Test No. 1 Interval Tested from 3211 ft. to 3225 ft. Total Depth 3225 ft.
 Packer Depth 3206 ft. Size 6 3/4 in. Packer Depth 3211 ft. Size 6 3/4 in.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3218 ft. Recorder Number 10266 Cap. 4650
 Bottom Recorder Depth (Outside) 3221 ft. Recorder Number 6233 Cap. 4000
 Below Straddle Recorder Depth _____ ft. Recorder Number - Cap. -

Drilling Contractor B & B Drilling Co. Drill Collar Length - I. D. - in.
 Mud Type Starch Viscosity 45 Weight Pipe Length 62 I. D. 2.7 in.
 Weight 10 Water Loss 13.2 cc. Drill Pipe Length 3127 I. D. 3.8 in.
 Chlorides 80,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
 Jars: Make - Serial Number - Anchor Length 14 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out - 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 in.

Blow: First blow very weak 1/8", flushed tool, little help. Did not appear to die or build.
Second blow weak, slowly dyeing, died in 25 minutes.

Recovered 25 ft. of Mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: Hit bad bridge 26 stands out of hole not counting DST

Time Set	Packer(s)	Time Started	Off Bottom	Maximum Temperature
	<u>7:00</u> A.M. P.M.		<u>9:00</u> A.M. P.M.	<u>109</u>
Initial Hydrostatic Pressure		(A)	<u>1740</u> P.S.I.	
Initial Flow Period	Minutes <u>30</u>	(B)	<u>59</u> P.S.I. to (C)	<u>49</u> P.S.I.
Initial Closed In Period	Minutes <u>24</u>	(D)	<u>399</u> P.S.I.	
Final Flow Period	Minutes <u>30</u>	(E)	<u>59</u> P.S.I. to (F)	<u>51</u> P.S.I.
Final Closed In Period	Minutes <u>27</u>	(G)	<u>95</u> P.S.I.	
Final Hydrostatic Pressure		(H)	<u>1680</u> P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 6-8-80 Test Ticket No. 6240
 Recorder No. 10266 Capacity 4650 Location 3218 Ft.
 Clock No. _____ Elevation 1810 Kelly Bushing Well Temperature 109 °F

Point	Pressure	P.S.I.	Description	Time	
				Given 7:00P	Computed
A	1740	P.S.I.	Open Tool		
B	59	P.S.I.	First Flow Pressure	30	30
C	49	P.S.I.	Initial Closed-in Pressure	30	24
D	399	P.S.I.	Second Flow Pressure	30	30
E	59	P.S.I.	Final Closed-in Pressure	30	27
F	51	P.S.I.			
G	95	P.S.I.			
H	1680	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
P 1 0	6		8		6		9	
P 2 5	5		3		5		3	
P 3 10	5		3		5		3	
P 4 15	5		3		5		3	
P 5 20	5		3		5		3	
P 6 25	5		3		5		3	
P 7 30	5		3		5		3	
P 8								
P 9								
P10								
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 6241

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

Elevation 1810 K.B Formation ARBUCKLE Eff. Pay Ft.

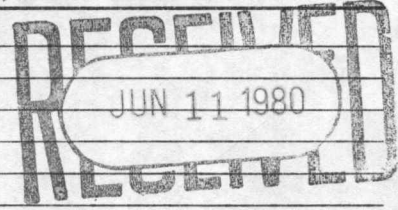
District GREAT BEND Date 6/9/80 Customer Order No. COMPANY NAME PARAMOUNT PETROLEUM Co. Inc. ADDRESS SUITE 505 PETROLEUM BUILDING, WICHITA, KS 67202 LEASE AND WELL NO. WIRTH D-2 COUNTY BARTON STATE KS Sec. 4 Twp. 18S Rge. 12W Mail Invoice To. Wirth 'D' #2 SAME AS ABOVE No. Copies Requested 5 Co. Name Address No. Copies Requested 5 Mail Charts To. SAME AS ABOVE Address No. Copies Requested 5

Formation Test No. 2 Interval Tested from 3341 ft. to 3355 ft. Total Depth 3355 ft. Packer Depth 3336 ft. Size 6 3/4 in. Packer Depth 3341 ft. Size 6 3/4 in. Packer Depth ft. Size in. Packer Depth ft. Size in. Depth of Selective Zone Set

Top Recorder Depth (Inside) 3348 ft. Recorder Number 10266 Cap. 4650 Bottom Recorder Depth (Outside) 3351 ft. Recorder Number 6233 Cap. 4000 Below Straddle Recorder Depth ft. Recorder Number Cap. Drilling Contractor B+B DRILL Rig #2 Drill Collar Length I. D. in. Mud Type STARCH Viscosity 44 Weight Pipe Length 62' I. D. 2.7 in. Weight 9.9 Water Loss 13.8 cc. Drill Pipe Length 3257 I. D. 3.8 in. Chlorides 63000 P.P.M. Test Tool Length 22' ft. Tool Size 4 1/2 in. Jars: Make Serial Number Anchor Length 14' 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 in.

Blow: 1ST - WEAK BLOW SLOWLY DIEING 2ND - NO BLOW FLUSHED TOOL AFTER 15MIN NO HELP

Recovered 5' ft. of VSOSMI Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of Remarks:



ARRIVAL 7:30 P.M. 6/9/80 APPRX: DEPARTURE 4:00 A.M. 6/9/80 Time Set Packer(s) 9:50 A.M. P.M. Time Started Off Bottom 11:50 A.M. P.M. Maximum Temperature 109 Initial Hydrostatic Pressure (A) 1704 P.S.I. Initial Flow Period 30 (B) 23 P.S.I. to (C) 23 P.S.I. Initial Closed In Period 30 (D) 971 P.S.I. Final Flow Period 30 (E) 35 P.S.I. to (F) 35 P.S.I. Final Closed In Period 30 (G) 843 P.S.I. Final Hydrostatic Pressure (H) 1693 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 David P. Williams Signature of Customer or his authorized representative

Western Representative Danell Clapan

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test (\$550.00), Miscrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage N/k, Fluid Sampler, Extra Charts, and TOTAL (\$550.00).

WESTERN TESTING CO., INC.
Pressure Data

Date 6-9-80 Test Ticket No. 6241
 Recorder No. 10266 Capacity 4650 Location 3348 Ft.
 Clock No. _____ Elevation 1810 XB Well Temperature 109 °F

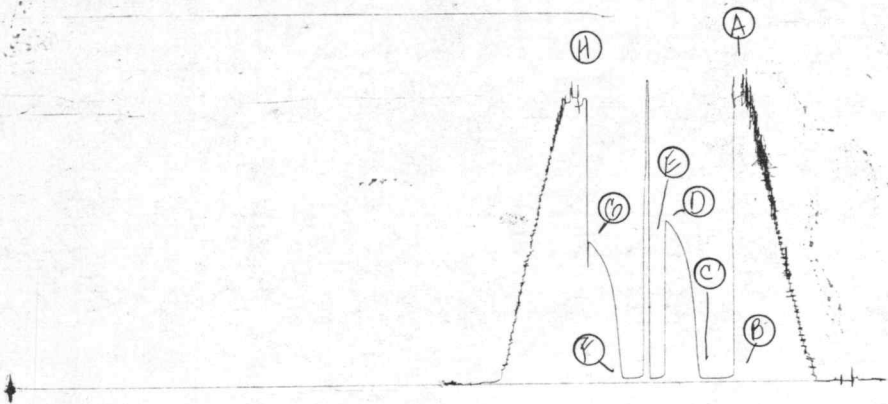
Point	Pressure		Open Tool	Time Given	Time Computed
Initial Hydrostatic Mud	<u>1705</u>	P.S.I.		<u>9:50 P</u>	M
First Initial Flow Pressure	<u>31</u>	P.S.I.	First Flow Pressure	<u>30</u>	Mins. <u>25</u> Mins.
First Final Flow Pressure	<u>26</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	Mins. <u>24</u> Mins.
Initial Closed-in Pressure	<u>976</u>	P.S.I.	Second Flow Pressure	<u>30</u>	Mins. <u>30</u> Mins.
Second Initial Flow Pressure	<u>34</u>	P.S.I.	Final Closed-in Pressure	<u>30</u>	Mins. <u>24</u> Mins.
Second Final Flow Pressure	<u>31</u>	P.S.I.			
Final Closed-in Pressure	<u>849</u>	P.S.I.			
Final Hydrostatic Mud	<u>1677</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>8</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>8</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	Press.	Point	Press.	Point	Press.	Point	Press.
1	<u>31</u>	0	<u>26</u>	0	<u>34</u>	0	<u>31</u>
2	<u>29</u>	3	<u>207</u>	5	<u>31</u>	3	<u>204</u>
3	<u>26</u>	6	<u>521</u>	10	<u>26</u>	6	<u>456</u>
4	<u>26</u>	9	<u>701</u>	15	<u>46</u>	9	<u>604</u>
5	<u>26</u>	12	<u>789</u>	20	<u>34</u>	12	<u>686</u>
6	<u>26</u>	15	<u>854</u>	25	<u>31</u>	15	<u>742</u>
7		18	<u>901</u>	30	<u>31</u>	18	<u>786</u>
8		21	<u>949</u>	35		21	<u>820</u>
9		24	<u>976</u>	40		24	<u>849</u>
10		27		45		27	
11		30		50		30	
12		33		55		33	
13		36		60		36	
14		39		65		39	
15		42		70		42	
16		45		75		45	
17		48		80		48	
18		51		85		51	
19		54		90		54	
20		57				57	
21		60				60	

Flushed tool

TKT # 6241
I



Company Paramount Petroleum Co., Inc. Lease & Well No. Wirth D#2
 Elevation 1810 Kelly Bushing Formation Arbuckle Effective Pay _____ Ft. Ticket No. 6241
 Date 6-9-80 Sec. 4 Twp. 18S Range 12W County Barton State Kansas
 Test Approved by David P. Williams Western Representative Darrell Claphan

Formation Test No. 2 Interval Tested from 3341 ft. to 3355 ft. Total Depth 3355 ft.
 Packer Depth 3336 ft. Size 6 3/4 in. Packer Depth 3341 ft. Size 6 3/4 in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3348 ft. Recorder Number 10266 Cap. 4650
 Bottom Recorder Depth (Outside) 3351 ft. Recorder Number 6233 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor B & B Drilling Co. Rig #2 Drill Collar Length - I. D. - in.
 Mud Type Starch Viscosity 44 Weight Pipe Length 62 I. D. 2.7 in.
 Weight 9.9 Water Loss 13.8 cc. Drill Pipe Length 3257 I. D. 3.8 in.
 Chlorides 67,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
 Jars: Make - Serial Number - Anchor Length 14 ft. Size 4 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 in.

Blow: First blow weak slowly dieing. Second no blow , flushed tool after 15 minutes, no help.

Recovered 5 ft. of Very slightly oil & slightly mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 9:50 ~~---A.M.~~ P.M. Time Started Off Bottom 11:50 ~~-A.M.~~ P.M. Maximum Temperature 109
 Initial Hydrostatic Pressure (A) 1705 P.S.I.
 Initial Flow Period Minutes 25 (B) 31 P.S.I. to (C) 26 P.S.I.
 Initial Closed In Period Minutes 24 (D) 976 P.S.I.
 Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 31 P.S.I.
 Final Closed In Period Minutes 24 (G) 849 P.S.I.
 Final Hydrostatic Pressure (H) 1677 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-9-80

Test Ticket No. 6241

Recorder No. 10266

Capacity 4650

Location 3348 Ft.

Clock No. _____

Elevation 1810 Kelly Bushing

Well Temperature 109 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>1705</u>	P.S.I.
B First Initial Flow Pressure	<u>31</u>	P.S.I.
C First Final Flow Pressure	<u>26</u>	P.S.I.
D Initial Closed-in Pressure	<u>976</u>	P.S.I.
E Second Initial Flow Pressure	<u>34</u>	P.S.I.
F Second Final Flow Pressure	<u>31</u>	P.S.I.
G Final Closed-in Pressure	<u>849</u>	P.S.I.
H Final Hydrostatic Mud	<u>1677</u>	P.S.I.

	Time Given	Time Computed
Open Tool	<u>9:50P</u>	<u>M</u>
First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
Initial Closed-in Pressure	<u>30</u> Mins.	<u>24</u> Mins.
Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Final Closed-in Pressure	<u>30</u> Mins.	<u>24</u> Mins.

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 8 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 8 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 <u>0</u>	<u>31</u>	<u>0</u>	<u>26</u>	<u>0</u>	<u>34</u>	<u>0</u>	<u>31</u>
P 2 <u>5</u>	<u>29</u>	<u>3</u>	<u>207</u>	<u>5</u>	<u>31</u>	<u>3</u>	<u>204</u>
P 3 <u>10</u>	<u>26</u>	<u>6</u>	<u>521</u>	<u>10</u>	<u>26</u>	<u>6</u>	<u>496</u>
P 4 <u>15</u>	<u>26</u>	<u>9</u>	<u>701</u>	<u>15</u>	<u>46</u>	<u>9</u>	<u>604</u>
P 5 <u>20</u>	<u>26</u>	<u>12</u>	<u>789</u>	<u>20</u>	<u>34</u>	<u>12</u>	<u>686</u>
P 6 <u>25</u>	<u>26</u>	<u>15</u>	<u>854</u>	<u>25</u>	<u>31</u>	<u>15</u>	<u>742</u>
P 7 _____		<u>18</u>	<u>901</u>	<u>30</u>	<u>31</u>	<u>18</u>	<u>786</u>
P 8 _____		<u>21</u>	<u>949</u>			<u>21</u>	<u>820</u>
P 9 _____		<u>24</u>	<u>976</u>			<u>24</u>	<u>849</u>
P10 _____							
P11 _____							
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

Flushed Tool