Company Petrosil Exploration, Inc. Lease & Well No. Mitchell #1

Elevation 1810 Kelly Bushing Formation Marmaton Effective Pay - Ft. Ticket No. 9575

Date 3/11/81 Sec. 21 Twp. 33S Range 15W County Barber State Kansas

Test Approved by George K. Higeson Western Representative Les Holtz

Formation Test No. 1 Interval Tested from 4723 ft. to 4756 ft. Total Depth 4756 ft.

Packer Depth 4718 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4723 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4751 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4755 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor Venture Drilling Rig #3 Drill Collar Length 376 I. D. 2.26 in.

Mud Type premix-monpac Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 14.2 cc. Drill Pipe Length 4318 I. D. 3.3 in.

Chlorides 29,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 409 Anchor Length 33 ft. Size 5½ in.

Did Well Flow? No Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4XH in.

Blow: Very strong blow immediately on initial flow period. Gas to surface in five minutes of initial flow period. Surged oil in twenty-five minutes .See attached sheet for gas measurements.

Recovered 480 ft. of free oil 31 gravity corrected

Recovered 60 ft. of slightly oily mud cut water Chlorides 142,000 PPM

Recovered ft. of (5% oil;15% mud;80% water (salt)

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:00 ~~A.M.~~ P.M. = Time Started Off Bottom 2:00 ~~A.M.~~ P.M. = Maximum Temperature ?

Initial Hydrostatic Pressure			(A) 2337	P.S.I.		
Initial Flow Period	Minutes 25	(B) 1065	P.S.I. to	(C) 1193	P.S.I.	
Initial Closed In Period	Minutes 90	(D) 1841	P.S.I.			
Final Flow Period	Minutes --	(E) --	P.S.I. to	(F) --	P.S.I.	
Final Closed In Period	Minutes --	(G) --	P.S.I.			
Final Hydrostatic Pressure			(H) 2307	P.S.I.		

GAS FLOW REPORT

Date 3/11/81 Ticket 9575 Company Petrosil Exploration, Inc.

Well Name and No. Mitchell #1 Dst No. 1 Interval Tested 4723'-4756'

County Barber State Kansas Sec. 21 Twp. 33S Rg. 15W

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
Gas to surface in five minutes. **PRE FLOW**						
	TOOL OPEN:					
	10 min.	38.0 PSIG		1½" orifice		3,036,000 CFPD
	15 min.	30.0 PSIG		1½" orifice		2,558,000 CFPD
	20 min.	60.0 PSIG		1½" orifice		2,702,000 CFPD
SECOND FLOW						

GAS BOTTLE

Serial No. WTC 622 Date Bottle Filled 3/11/81 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 Petrosil Exploration, Inc.

Authorized by George K. Higeson

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 3/11/81 Test Ticket No. 9575

Recorder No. 13267 Capacity 4050 Location 4755 Ft.

Clock No. - Elevation 1810 Kelly Bushing Well Temperature -- °F

Point		Pressure	
A	Initial Hydrostatic Mud	2337	P.S.I.
B	First Initial Flow Pressure	1065	P.S.I.
C	First Final Flow Pressure	1193	P.S.I.
D	Initial Closed-in Pressure	1841	P.S.I.
E	Second Initial Flow Pressure	--	P.S.I.
F	Second Final Flow Pressure	--	P.S.I.
G	Final Closed-in Pressure	--	P.S.I.
H	Final Hydrostatic Mud	2307	P.S.I.

	Time Given	Time Computed
Open Tool	12:00A M	
First Flow Pressure	30 Mins.	25 Mins.
Initial Closed-in Pressure	90 Mins.	90 Mins.
Second Flow Pressure	-- Mins.	-- Mins.
Final Closed-in Pressure	-- Mins.	-- Mins.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	1065
P 2 5	1112
P 3 10	1130
P 4 15	1146
P 5 20	1191
P 6 25	1193
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	1193
3	1722
6	1794
9	1810
12	1820
15	1827
18	1830
21	1832
24	1834
27	1836
30	1837
33	1837
36	1838
39	1838
42	1839
45	1840
48	1841
51	1841
54	1841
57	1841
60	1841

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

Point Minutes	Press.

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

Point Minutes	Press.

WTC - 4

continued

WESTERN TESTING CO., INC.
Pressure Data

Date 3/11/81 Test Ticket No. 9575

Recorder No. 13267 Capacity 4050 Location 4755 Ft.

Clock No. - Elevation 1810 Kelly Bushing Well Temperature -- °F

Point		Pressure	
A	Initial Hydrostatic Mud	2337	P.S.I.
B	First Initial Flow Pressure	1065	P.S.I.
C	First Final Flow Pressure	1193	P.S.I.
D	Initial Closed-in Pressure	1841	P.S.I.
E	Second Initial Flow Pressure	--	P.S.I.
F	Second Final Flow Pressure	--	P.S.I.
G	Final Closed-in Pressure	--	P.S.I.
H	Final Hydrostatic Mud	2307	P.S.I.

	Time Given	Time Computed
Open Tool	12:00A M	
First Flow Pressure	30 Mins.	25 Mins.
Initial Closed-in Pressure	90 Mins.	90 Mins.
Second Flow Pressure	-- Mins.	-- Mins.
Final Closed-in Pressure	-- Mins.	-- Mins.

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 0 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		63	1841				
P 2		66	1841				
P 3		69	1841				
P 4		72	1841				
P 5		75	1841				
P 6		78	1841				
P 7		81	1841				
P 8		84	1841				
P 9		87	1841				
P10		90	1841				
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Tkt # 9575

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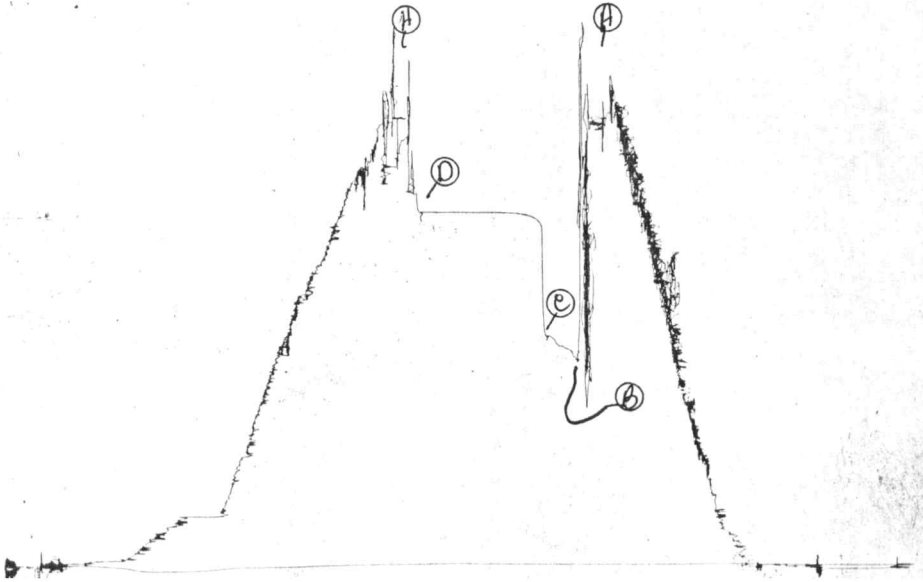
DST #1



Company Petrosil Exploration, Inc. Lease & Well No. Mitchell #1

Elevation 1810 Kelly Bushing Formation Marmaton Effective Pay - Ft. Ticket No. 11152

Date 3/12/81 Sec. 21 Twp. 33S Range 15W County Barber State Kansas

Test Approved by George K. Higeson Western Representative Les Holtz

Formation Test No. 2 Interval Tested from 4757 ft. to 4790 ft. Total Depth 4790 ft.

Packer Depth 4752 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4757 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4784 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4789 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor Venture Drilling Drill Collar Length 376 I. D. 2.26 in.

Mud Type premix-monpu Viscosity 51 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 16.0 cc. Drill Pipe Length 4352 I. D. 3.3 in.

Chlorides 41,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 409 Anchor Length 33 ft. Size 5½ 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 4XH in.

Blow: Strong blow throughout initial flow period. Gas to surface in forty-five minutes. Strong blow final flow period. See attached sheet for gas measurements.

Recovered 300 ft. of heavy gas slightly oil cut mud

Recovered 120 ft. of heavy gas, oil and mud cut water (20% gas;30% oil; 10% mud;40% water)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:30 ~~A.M.~~ P.M. Time Started Off Bottom 6:30 ~~A.M.~~ P.M. Maximum Temperature 124

Initial Hydrostatic Pressure			(A) 2402 P.S.I.			
Initial Flow Period	Minutes 45	(B) 108 P.S.I.	to (C) 135 P.S.I.			
Initial Closed In Period	Minutes 57	(D) 1737 P.S.I.				
Final Flow Period	Minutes 60	(E) 127 P.S.I.	to (F) 109 P.S.I.			
Final Closed In Period	Minutes 75	(G) 1738 P.S.I.				
Final Hydrostatic Pressure			(H) 2262 P.S.I.			

GAS FLOW REPORT

Date 3/12/81 Ticket 11152 Company Petrosil Exploration, Inc/

Well Name and No. Mitchell #1 Dst No. 2 Interval Tested 4757'-4790'

County Barber State Kansas Sec. 21 Twp. 33S Rg. 15W

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
Gas to surface in 45 minutes.				**PRE FLOW**		
TOOL OPEN:						
	45 min.	20.0 PSIG		1/4" orifice		47,100 CFPD
				SECOND FLOW		
TOOL OPEN:						
	5 min.	.84" of water		1¼" orifice		403,000 CFPD
	15 min.	.76" of water		3/4" orifice		123,000 CFPD
	25 min.	.78" of water		3/4" orifice		125,000 CFPD
	35 min.	.78" of water		3/4" orifice		125,000 CFPD
	45 min.	.76" of water		3/4" orifice		123,000 CFPD
	55 min.	.78" of water		3/4" orifice		125,000 CFPD

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 Petrosil Exploration, Inc.

Authorized by George K. Higeson

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 3/12/81 Test Ticket No. 11152

Recorder No. 1051 Capacity 4250 Location 4784 Ft.

Clock No. -- Elevation 1810 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2402 P.S.I.		Open Tool	2:30P M	
B	First Initial Flow Pressure	108 P.S.I.		First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	135 P.S.I.		Initial Closed-in Pressure	60 Mins.	37 Mins.
D	Initial Closed-in Pressure	1737 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	127 P.S.I.		Final Closed-in Pressure	75 Mins.	75 Mins.
F	Second Final Flow Pressure	109 P.S.I.				
G	Final Closed-in Pressure	1738 P.S.I.				
H	Final Hydrostatic Mud	2262 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	108
P 2	5	105
P 3	10	104
P 4	15	104
P 5	20	108
P 6	25	112
P 7	30	116
P 8	35	124
P 9	40	131
P10	45	135
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	135
3	468
6	740
9	953
12	1142
15	1290
18	1396
21	1481
24	1543
27	1583
30	1617
33	1643
36	1668
39	1690
42	1703
45	1715
48	1723
51	1730
54	1735
57	1737

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

Point Minutes	Press.
0	128
5	103
10	96
15	95
20	95
25	94
30	92
35	96
40	100
45	103
50	105
55	108
60	109

Final Shut-In
Breakdown: 25 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	109
3	470
6	742
9	989
12	1171
15	1326
18	1434
21	1504
24	1555
27	1596
30	1621
33	1645
36	1662
39	1677
42	1685
45	1694
48	1700
51	1707
54	1713
57	1718
60	1722

continued

WESTERN TESTING CO., INC.
Pressure Data

Date 3/12/81 Test Ticket No. 11152

Recorder No. 1051 Capacity 4250 Location 4784 Ft.

Clock No. -- Elevation 1810 Kelly Bushing Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2402 P.S.I.		Open Tool	2:30P M	
B	First Initial Flow Pressure	108 P.S.I.		First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	135 P.S.I.		Initial Closed-in Pressure	60 Mins.	37 Mins.
D	Initial Closed-in Pressure	1737 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	127 P.S.I.		Final Closed-in Pressure	75 Mins.	75 Mins.
F	Second Final Flow Pressure	109 P.S.I.				
G	Final Closed-in Pressure	1738 P.S.I.				
H	Final Hydrostatic Mud	2262 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: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 25 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						63	1726
P 2						66	1730
P 3						69	1734
P 4						72	1736
P 5						75	1738
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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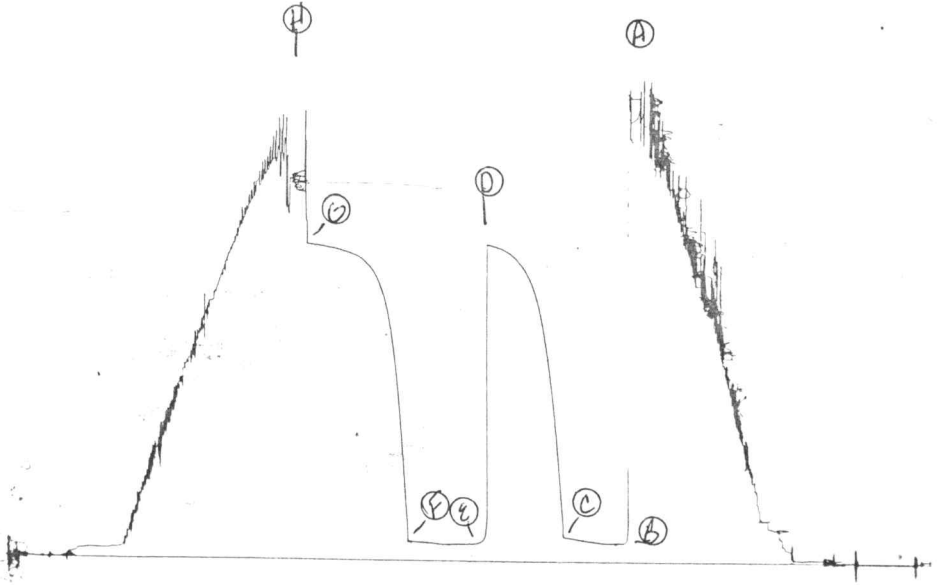

Company Petrosil Exploration, Inc. Lease & Well No. Mitchell #1

Elevation 1810 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 11153

Date 3/13/81 Sec. 21 Twp. 33S Range 15W County Barber State Kansas

Test Approved by George K. Higeson Western Representative Les Holtz

Formation Test No. 3 Interval Tested from 4834 ft. to 4896 ft. Total Depth 4896 ft.

Packer Depth 4829 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4834 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4890 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4895 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor Venture Drilling Co. Drill Collar Length 376 I. D. 2.26 in.

Mud Type monpac Viscosity 47 Weight Pipe Length = I. D. = in.

Weight 9.2 Water Loss 10.8 cc. Drill Pipe Length 4429 I. D. in.

Chlorides 58,000 P.P.M. Test Tool Length 29 ft. Tool Size 5½ in.

Jars: Make WTC Serial Number 409 Anchor Length 62 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 4XH in.

Blow: Very weak blow; died in fifteen minutes of initial flow period. No blow final flow period.

Recovered 10 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:30 A.M. ~~P.M.~~ Time Started Off Bottom 3:00 A.M. ~~P.M.~~ Maximum Temperature 127°

Initial Hydrostatic Pressure ..... (A) 2466 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 118 P.S.I. to (C) 102 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 102 P.S.I.

Final Flow Period ..... Minutes 30 (E) 101 P.S.I. to (F) 98 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 112 P.S.I.

Final Hydrostatic Pressure ..... (H) 2455 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 3/13/81 Test Ticket No. 11153

Recorder No. 1051 Capacity 4250 Location ____ Ft.

Clock No. ____ Elevation 1810 Kelly Bushing Well Temperature 127 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2466	P.S.I.
B	First Initial Flow Pressure	118	P.S.I.
C	First Final Flow Pressure	102	P.S.I.
D	Initial Closed-in Pressure	102	P.S.I.
E	Second Initial Flow Pressure	101	P.S.I.
F	Second Final Flow Pressure	98	P.S.I.
G	Final Closed-in Pressure	112	P.S.I.
H	Final Hydrostatic Mud	2455	P.S.I.

	Time Given	Time Computed
Open Tool	12:30A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	30 Mins.	30 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.

Initial Shut-In
Breakdown: 10 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: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point	First Flow Pressure Mins.	First Flow Pressure Press.	Initial Shut-In Point Minutes	Initial Shut-In Press.	Second Flow Pressure Point Minutes	Second Flow Pressure Press.	Final Shut-In Point Minutes	Final Shut-In Press.
P 1	0	118	0	102	0	101	0	98
P 2	5	113	3	99	5	101	3	112
P 3	10	108	6	98	10	101	6	111
P 4	15	107	9	97	15	100	9	111
P 5	20	103	12	97	20	99	12	111
P 6	25	103	15	98	25	98	15	111
P 7	30	102	18	99	30	98	18	111
P 8			21	100			21	112
P 9			24	102			24	112
P10			27	102			27	112
P11			30	102			30	112
P12							33	112
P13							36	112
P14							39	112
P15							42	112
P16							45	112
P17							48	112
P18							51	112
P19							54	112
P20							57	112
							60	112

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