Home Office: Wichita, Kansas 67201

P. O. Box 1599 (316) 838-0601

Company Pan-Western Petroleum, Inc. Lease & Well No. Hoch #1

Elevation 1829 Rotary Bushing Formation Lansing Kansas City Effective Pay -- Ft. Ticket No. 3955

Date 9/15/79 Sec. 13 Twp. 15S Range 11W County Russell State Kansas

Test Approved by Toby Elster Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 2996 ft. to 3022 ft. Total Depth 3022 ft.

Packer Depth 2991 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2996 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3000 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 3003 ft. Recorder Number 2606 Cap. 4150

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

Drilling Contractor Emphasis Drilling Drill Collar Length 232 I. D. 2¼ in.

Mud Type starch Viscosity 39 Weight Pipe Length - I. D. - in.

Weight 10.1 Water Loss 8.0 cc. Drill Pipe Length 2744 I. D. 3.2 in.

Chlorides -- P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number -- Anchor Length 26 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: Very weak blow on initial flow period; few bubbles on final flow and died on final flow period.

Recovered 20 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:30 ~~A.M.~~ P.M. Time Started Off Bottom 1:45 A.M. ~~P.M.~~ Maximum Temperature 98

Initial Hydrostatic Pressure ..... (A) 1679 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 38 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 125 P.S.I.

Final Flow Period ..... Minutes 30 (E) 49 P.S.I. to (F) 30 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 62 P.S.I.

Final Hydrostatic Pressure ..... (H) 1632 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9/15/79 Test Ticket No. 3955

Recorder No. 2604 Capacity 4150 Location 3000 Ft.

Clock No. -- Elevation 1829 Rotary Bushing Well Temperature 98 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1679	P.S.I.
B	First Initial Flow Pressure	38	P.S.I.
C	First Final Flow Pressure	25	P.S.I.
D	Initial Closed-in Pressure	125	P.S.I.
E	Second Initial Flow Pressure	49	P.S.I.
F	Second Final Flow Pressure	30	P.S.I.
G	Final Closed-in Pressure	62	P.S.I.
H	Final Hydrostatic Mud	1632	P.S.I.

	Time Given	Time Computed
Open Tool	10:30P M	
First Flow Pressure	60 Mins.	60 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	30 Mins.	30 Mins.
Final Closed-in Pressure	45 Mins.	45 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

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

Point Mins.	Press.
P 1 0	38
P 2 5	36
P 3 10	30
P 4 15	26
P 5 20	25
P 6 25	25
P 7 30	25
P 8 35	25
P 9 40	25
P10 45	25
P11 50	25
P12 55	25
P13 60	25
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In

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

Point Minutes	Press.
0	25
3	25
6	28
9	32
12	34
15	36
18	39
21	43
24	46
27	49
30	53
33	58
36	62
39	68
42	75
45	83
48	94
51	104
54	111
57	117
60	125

Second Flow Pressure

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

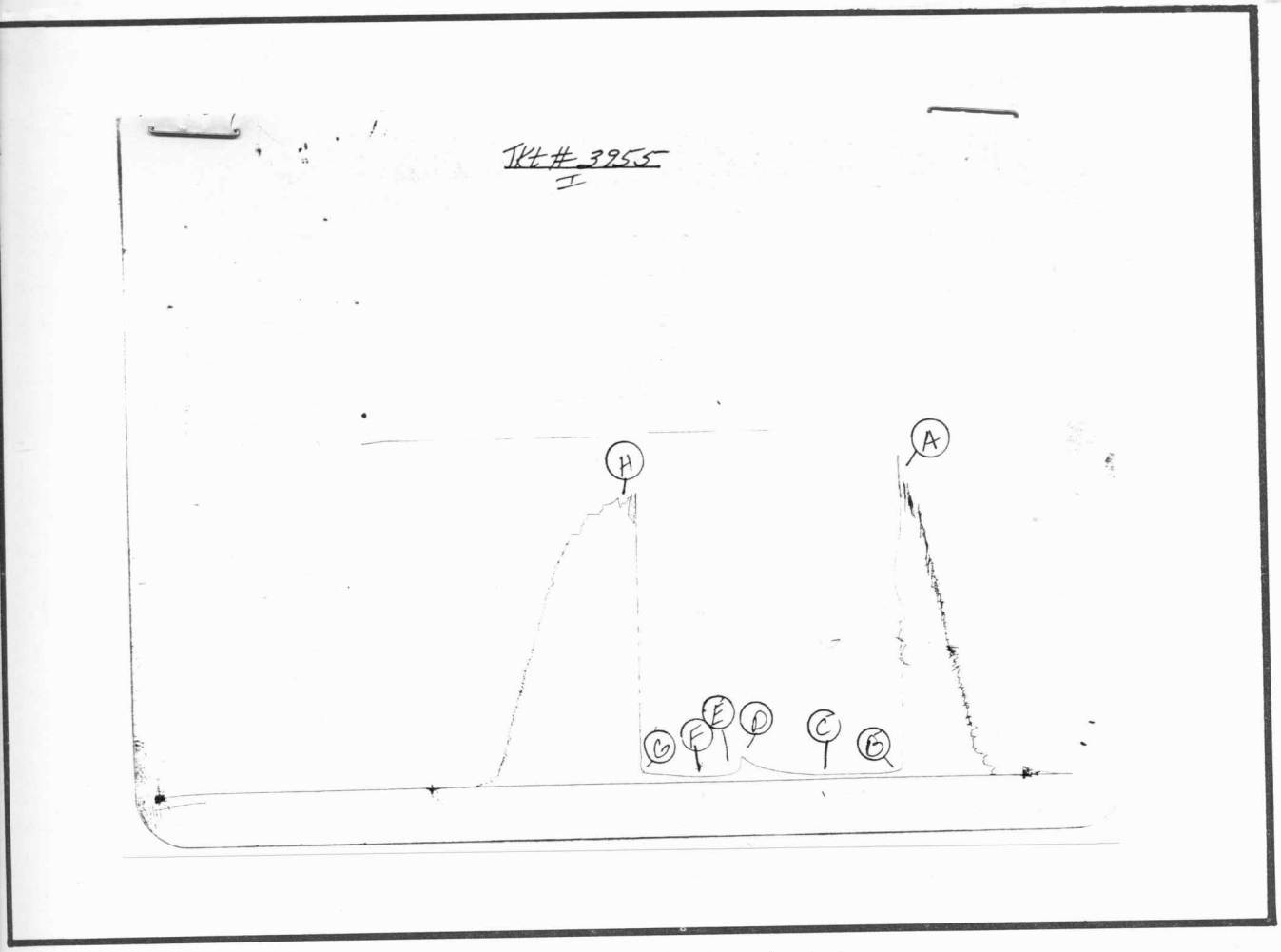
Point Minutes	Press.
0	49
5	46
10	38
15	34
20	33
25	32
30	30

Final Shut-In

Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	30
3	33
6	34
9	36
12	37
15	38
18	41
21	44
24	46
27	48
30	50
33	53
36	56
39	58
42	60
45	62

COMPANY PAN-WESTERN PETROLEUM, INC. LEASE AND WELL NO. HOCH #1 SEC. 13 TWP. 15S RGE. 11W TEST NO. 1 DATE 9/15/79



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1642	1679	PSI
(B)	First Initial Flow Pressure	53	38	PSI
(C)	First Final Flow Pressure	31	25	PSI
(D)	Initial Closed-in Pressure	106	125	PSI
(E)	Second Initial Flow Pressure	42	49	PSI
(F)	Second Final Flow Pressure	31	30	PSI
(G)	Final Closed-in Pressure	53	62	PSI
(H)	Final Hydrostatic Mud	1632	1632	PSI

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Pan-Western Petroleum, Inc. Lease & Well No. Hoch #1

Elevation 1829 Rotary Bushing Formation Lansing Effective Pay -- Ft. Ticket No. 3956

Date 9/16/79 Sec. 13 Twp. 15S Range 11W County Russell State Kansas

Test Approved by Toby Elster Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 3052 ft. to 3064 ft. Total Depth 3064 ft.

Packer Depth 3047 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3052 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3055 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 3058 ft. Recorder Number 2606 Cap. 4150

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

Drilling Contractor Emphasis Drilling Drill Collar Length 232 I. D. 2¼ in.

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

Weight 10. Water Loss 10.0 cc. Drill Pipe Length I. D. 3.2 in.

Chlorides 77,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make No Serial Number -- Anchor Length 12 ft. Size 5½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size ¾ in. Bottom Choke Size ¾ in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Strong blow throughout test. Gas to surface twenty minutes into final flow. See attached sheet for gas measurements.

Recovered 30 ft. of heavy oil and heavy oil cut mud

Recovered 360 ft. of oil

Recovered 120 ft. of water

Recovered ft. of

Recovered ft. of

Remarks: Tight hole on this report.

Time Set Packer(s) 8:30 ~~A.M.~~ P.M. Time Started Off Bottom 12:30 A.M. ~~P.M.~~ Maximum Temperature 98

Initial Hydrostatic Pressure			(A)	1647	P.S.I.	
Initial Flow Period	Minutes	60	(B)	64	P.S.I. to (C)	124 P.S.I.
Initial Closed In Period	Minutes	60	(D)	1000	P.S.I.	
Final Flow Period	Minutes	60	(E)	168	P.S.I. to (F)	200 P.S.I.
Final Closed In Period	Minutes	45	(G)	987	P.S.I.	
Final Hydrostatic Pressure			(H)	1601	P.S.I.	

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

GAS FLOW REPORT

Date 9/16/79 Ticket 3956 Company Pan-Western Petroleum, Inc.

Well Name and No. Hoch #1 Dst No. 2 Interval Tested 3052'-3064'

County Russell State Kansas Sec. 13 Twp. 15S Rg. 11W

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
	8:30 PM	Tool open				**PRE FLOW**
	9:30					Strong blow.
						SECOND FLOW
10:30						Tool open
	20 min.					Gas to surface
	30 min.	5" of water	1/4" orifice			3,710 CFPD
	40 min.	5" of water	1/4" orifice			3,710 CFPD
	50 min.	5" of water	1/4" orifice			3,710 CFPD
	60 min.	5" of water	1/4" orifice			3,710 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled -- Date to be Invoiced 9/16/79

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 1% per month, equal to 12% 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 Pan-Western Petroleum, Inc.

Authorized by Toby Elster

FORM WTC 6

WESTERN TESTING CO., INC.

Pressure Data

Date 9/16/79 Test Ticket No. 3956

Recorder No. 2604 Capacity 4150 Location 3055 Ft.

Clock No. --- Elevation 1829 Rotary Bushing Well Temperature 98 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1647 P.S.I.	Open Tool	8:30P M	
B First Initial Flow Pressure	64 P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C First Final Flow Pressure	124 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	100 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	168 P.S.I.	Final Closed-in Pressure	60 Mins.	45 Mins.
F Second Final Flow Pressure	200 P.S.I.			
G Final Closed-in Pressure	987 P.S.I.			
H Final Hydrostatic Mud	1601 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	64
P 2 5	60
P 3 10	61
P 4 15	66
P 5 20	72
P 6 25	77
P 7 30	83
P 8 35	90
P 9 40	97
P10 45	104
P11 50	111
P12 55	118
P13 60	124
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

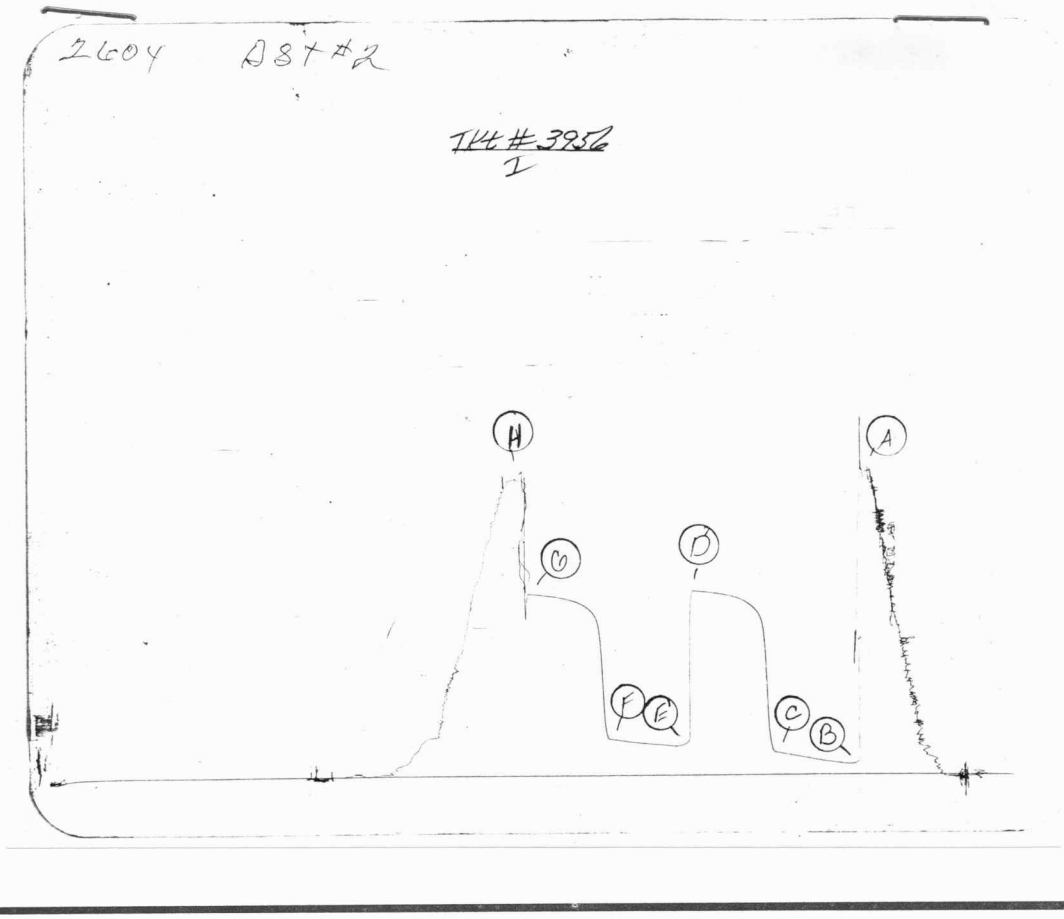
Point Minutes	Press.
0	124
3	207
6	607
9	836
12	887
15	914
18	931
21	945
24	958
27	967
30	973
33	979
36	981
39	985
42	990
45	994
48	996
51	997
54	998
57	999
60	1000

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

Point Minutes	Press.
0	168
5	165
10	159
15	162
20	168
25	170
30	174
35	177
40	181
45	185
50	192
55	196
60	200

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

Point Minutes	Press.
0	200
3	303
6	690
9	841
12	884
15	906
18	920
21	935
24	945
27	952
30	958
33	964
36	969
39	973
42	975
45	987



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1632	1647	PSI
(B)	First Initial Flow Pressure	53	64	PSI
(C)	First Final Flow Pressure	106	124	PSI
(D)	Initial Closed-in Pressure	1004	1000	PSI
(E)	Second Initial Flow Pressure	159	168	PSI
(F)	Second Final Flow Pressure	191	200	PSI
(G)	Final Closed-in Pressure	1004	987	PSI
(H)	Final Hydrostatic Mud	1632	1601	PSI

COMPANY PAN WESTERN PETROLEUM, INC. LEASE AND WELL NO. HOCH #1 SEC. 13 TWP. 15S RGE. 11W TEST NO. 2 DATE 9/16/79

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Pan-Western Petroleum, Inc. Lease & Well No. Hoch #1

Elevation 1829 Kelly Bushing Formation Arbuckle Effective Pay -- Ft. Ticket No. 3702

Date 9/19/79 Sec. 13 Twp. 15S Range 11W County Russell State Kansas

Test Approved by Toby Elster Western Representative Max Knipe

Formation Test No. 3 Interval Tested from 3289 ft. to 3336 ft. Total Depth 3336 ft.

Packer Depth 3284 ft. Size 6 3/4 in. Packer Depth 3289 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) 3296 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3299 ft. Recorder Number 3659 Cap. 4000

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

Drilling Contractor Emphasis Drilling Rig #4 Drill Collar Length 470 I. D. 2¼ in.

Mud Type starch Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 10.3 Water Loss 10 cc. Drill Pipe Length 2799 I. D. 2.7 in.

Chlorides 65,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make -- Serial Number -- Anchor Length 47 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: 1/4" for thirty five minutes on Pre-Flow.

Recovered 3 ft. of clean oil

Recovered 60 ft. of oil cut to slightly oil cut

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:57 A.M. P.M. Time Started Off Bottom 3:00 A.M. P.M. Maximum Temperature 101°

Initial Hydrostatic Pressure		(A) 1816	P.S.I.	
Initial Flow Period	Minutes 60	(B) 53	P.S.I. to (C) 52	P.S.I.
Initial Closed In Period	Minutes 60	(D) 667	P.S.I.	
Final Flow Period	Minutes 30	(E) 74	P.S.I. to (F) 70	P.S.I.
Final Closed In Period	Minutes 33	(G) 510	P.S.I.	
Final Hydrostatic Pressure		(H) 1791	P.S.I.	

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 9/19/79 Test Ticket No. 3702

Recorder No. 3474 Capacity 3000 Location 3296 Ft.

Clock No. Elevation 1829 Kelly Bushing Well Temperature 101 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1816 P.S.I.		Open Tool	11:57A M	
B	First Initial Flow Pressure	53 P.S.I.		First Flow Pressure	60 Mins.	60 Mins.
C	First Final Flow Pressure	52 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	667 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	74 P.S.I.		Final Closed-in Pressure	30 Mins.	33 Mins.
F	Second Final Flow Pressure	70 P.S.I.				
G	Final Closed-in Pressure	510 P.S.I.				
H	Final Hydrostatic Mud	1791 P.S.I.				

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	53
P 2	5	68
P 3	10	56
P 4	15	50
P 5	20	48
P 6	25	50
P 7	30	47
P 8	35	48
P 9	40	50
P10	45	52
P11	50	52
P12	55	52
P13	60	52
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point Minutes	Press.
0	52
3	159
6	273
9	339
12	383
15	421
18	448
21	476
24	498
27	519
30	539
33	556
36	571
39	586
42	600
45	614
48	627
51	638
54	648
57	660
60	667

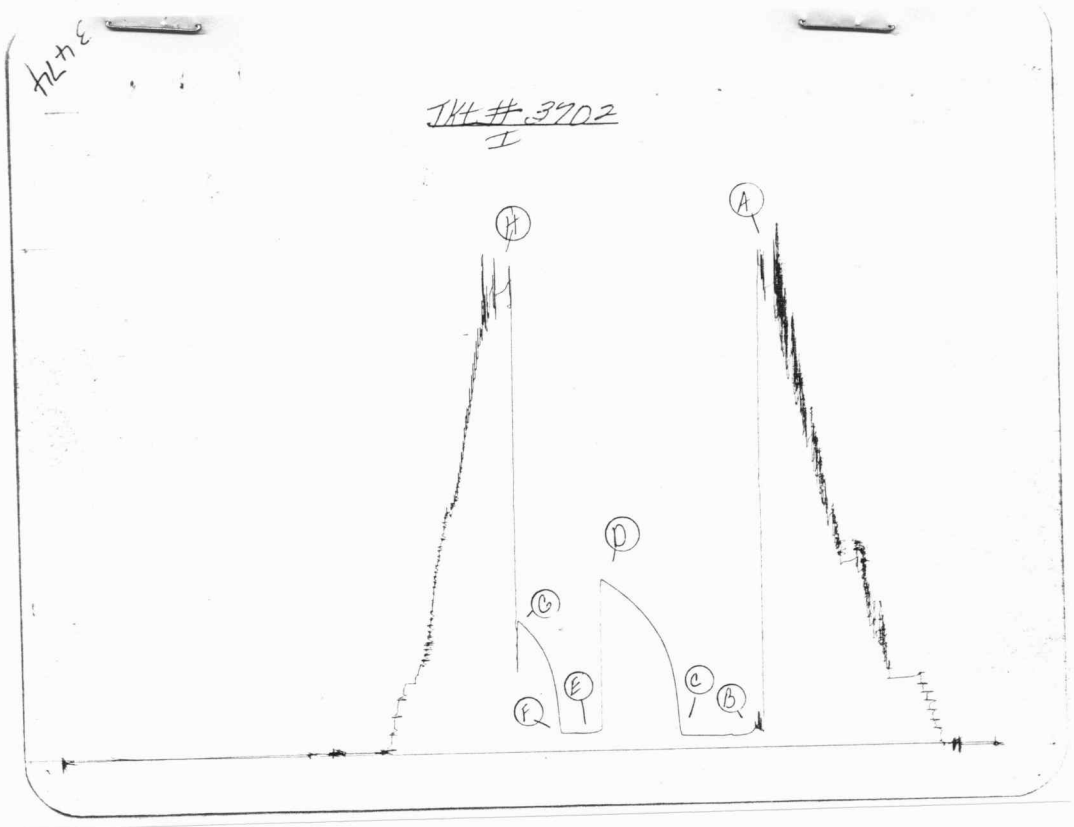
Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	74
5	71
10	68
15	68
20	69
25	70
30	70

Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	70
3	182
6	280
9	333
12	371
15	402
18	427
21	450
24	471
27	488
30	503
33	510

COMPANY PAN-WESTERN PETROLEUM, INC. LEASE AND WELL NO. HOCH #1 SEC. 13 TWP. 15S RGE. 11W TEST NO. 3 DATE 9/19/79



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1821	1816	PSI
(B)	First Initial Flow Pressure	38	53	PSI
(C)	First Final Flow Pressure	41	52	PSI
(D)	Initial Closed-in Pressure	659	667	PSI
(E)	Second Initial Flow Pressure	53	74	PSI
(F)	Second Final Flow Pressure	53	70	PSI
(G)	Final Closed-in Pressure	484	510	PSI
(H)	Final Hydrostatic Mud	1791	1791	PSI

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Pan-Western Petroleum, Inc. Lease & Well No. Hoch #1

Elevation 1829 Kelly Bushing Formation Arbuckle Effective Pay --- Ft. Ticket No. 3703

Date 9/19/79 Sec. 13 Twp. 15S Range 11W County Russell State Kansas

Test Approved by Toby Elster Western Representative Max Knipe

Formation Test No. 4 Interval Tested from 3328 ft. to 3345 ft. Total Depth 3345 ft.

Packer Depth 3323 ft. Size 6 3/4 in. Packer Depth 3328 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) 3332 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3335 ft. Recorder Number 3659 Cap. 4000

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

Drilling Contractor Emphasis Drilling #4 Drill Collar Length 470 I. D. 2¼ in.

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

Weight 10 Water Loss 10 cc. Drill Pipe Length 2838 I. D. 2.7 in.

Chlorides 73,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½ in.

Jars: Make -- Serial Number -- Anchor Length 17 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 4½FH in.

Blow: 1½" blow throughout Pre-Flow. Second flow 1/4" to 1/2" blow throughout flow period.

Recovered 30 ft. of very slightly oil cut mud

Recovered 60 ft. of thin mud with rainbow of oil

Recovered 120 ft. of muddy water 36,000 chlorides ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:28 ~~A.M.~~ P.M. Time Started Off Bottom 11:30 ~~A.M.~~ P.M. Maximum Temperature 103°

Initial Hydrostatic Pressure ..... (A) 1828 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 41 P.S.I. to (C) 71 P.S.I.

Initial Closed In Period ..... Minutes 57 (D) 759 P.S.I.

Final Flow Period ..... Minutes 60 (E) 106 P.S.I. to (F) 114 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 686 P.S.I.

Final Hydrostatic Pressure ..... (H) 1793 P.S.I.

WTC

WESTERN TESTING CO., INC.

Pressure Data

Date 9/19/79 Test Ticket No. 3703

Recorder No. 3474 Capacity 3000 Location 3332 Ft.

Clock No. --- Elevation 1829 Kelly Bushing Well Temperature 103 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1828 P.S.I.		Open Tool	7:28P M	
B	First Initial Flow Pressure	41 P.S.I.		First Flow Pressure	60 Mins.	60 Mins.
C	First Final Flow Pressure	71 P.S.I.		Initial Closed-in Pressure	60 Mins.	57 Mins.
D	Initial Closed-in Pressure	759 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	106 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	114 P.S.I.				
G	Final Closed-in Pressure	686 P.S.I.				
H	Final Hydrostatic Mud	1793 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	41
P 2 5	39
P 3 10	36
P 4 15	38
P 5 20	41
P 6 25	45
P 7 30	48
P 8 35	54
P 9 40	58
P10 45	61
P11 50	64
P12 55	68
P13 60	71
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

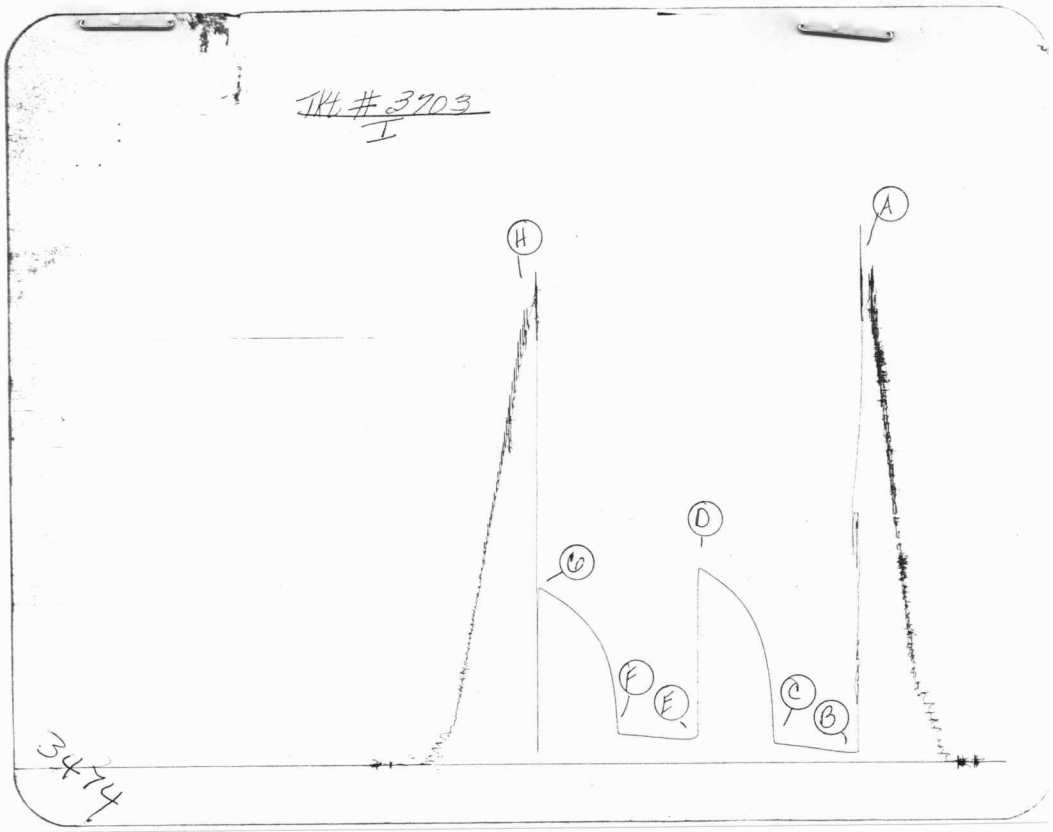
Point Minutes	Press.
0	71
3	253
6	364
9	444
12	495
15	535
18	568
21	594
24	618
27	641
30	658
33	674
36	686
39	702
42	712
45	724
48	735
51	747
54	756
57	759

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

Point Minutes	Press.
0	106
5	92
10	91
15	94
20	95
25	98
30	102
35	105
40	107
45	109
50	111
55	113
60	114

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

Point Minutes	Press.
0	114
3	259
6	356
9	411
12	448
15	480
18	505
21	526
24	545
27	562
30	579
33	592
36	605
39	618
42	630
45	641
48	652
51	662
54	673
57	683
60	686



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1840	1828	PSI
(B)	First Initial Flow Pressure	46	41	PSI
(C)	First Final Flow Pressure	61	71	PSI
(D)	Initial Closed-in Pressure	757	759	PSI
(E)	Second Initial Flow Pressure	84	106	PSI
(F)	Second Final Flow Pressure	100	114	PSI
(G)	Final Closed-in Pressure	681	686	PSI
(H)	Final Hydrostatic Mud	1796	1793	PSI

COMPANY PAN-WESTERN PETROLEUM, INC. LEASE AND WELL NO. HOCH #1 SEC. 13 TWP. 15S RGE. 11W TEST NO. 4 DATE 9/19/79