WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Henry #1

Elevation 1840 Kelly Bushings Est. Formation Conglomerate Effective Pay Ft. Ticket No. 18097

Date 11-19-72 Sec. 27 Twp. 29S Range 13W County Pratt State Kansas

Test Approved by Sam Farmer Western Representative Guy M. Knipe

Formation Test No. 1 O.K. X Misrun Interval Tested From 4290' to 4360' Total Depth 4360'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Packer Depth 4285 Ft. Size 6 3/4" Packer Depth 4290 Ft. Size 6 3/4"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 70 Ft. Size 4½"Wt P. Perf. 32' 38'

RECORDERS Depth 4352 Ft. Clock No. 6899 Depth 4355 Ft. Clock No. 9102

Top Make Kuster Cap 4000 No. 3659 Inside Outside Bottom Make Kuster Cap 4000 No. 3660 Inside Outside

Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 2:02 P. M

Tool Open I.F.P. From 2:05 M. to 2:20P. M. Hr. 15 Min. From (B) 53 P.S.I. To (C) 53 P.S.I.

Tool Closed I.C.I.P. From 2:20 M. to 2:50P. M. Hr. 30 Min. (D) 53 P.S.I.

Tool Open F.F.P. From 2:50 M. to 3:50P. M. Hr. 60 Min. From (E) 53 P.S.I. To (F) 53 P.S.I.

Tool Closed F.C.I.P. From 3:50 M. to 4:35P. M. Hr. 45 Min. (G) 56 P.S.I.

Initial Hydrostatic Pressure (A) 2251 P.S.I. Final Hydrostatic Pressure (H) 2248 P.S.I.

SURFACE INFORMATION	Size Choke 3/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW FFP-weak increased to strong 2nd FFP 1/2" blow for 1 hr. Bottom Choke Size 3/4 In.

Did Well Flow Yes X No Recovery Total Ft. 40 feet mud

Reversed Out Yes No Mud Type Starch Viscosity 42 Weight 9.7 Water Loss 12 cc. Maximum Temp. 121 °F

Type Circ. Sub. Pin Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers 2 Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 4020 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 185 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 59 ft.

I.D. Drill Collars 2 1/4 in. Length D.S.T. Tool 96 ft.

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date 11-19-72 Test Ticket No. 18097

Recorder No. 3659 Capacity 4000 Location 4352 Ft.

Clock No. 6899 Elevation 1840 Kelly Bushings (Est.) Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2251 P.S.I.	Open Tool	2:02 P. M	
B First Initial Flow Pressure	53 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C First Final Flow Pressure	53 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	53 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	53 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	53 P.S.I.			
G Final Closed-in Pressure	56 P.S.I.			
H Final Hydrostatic Mud	2248 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	53
P 2 5	53
P 3 10	53
P 4 15	53
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.

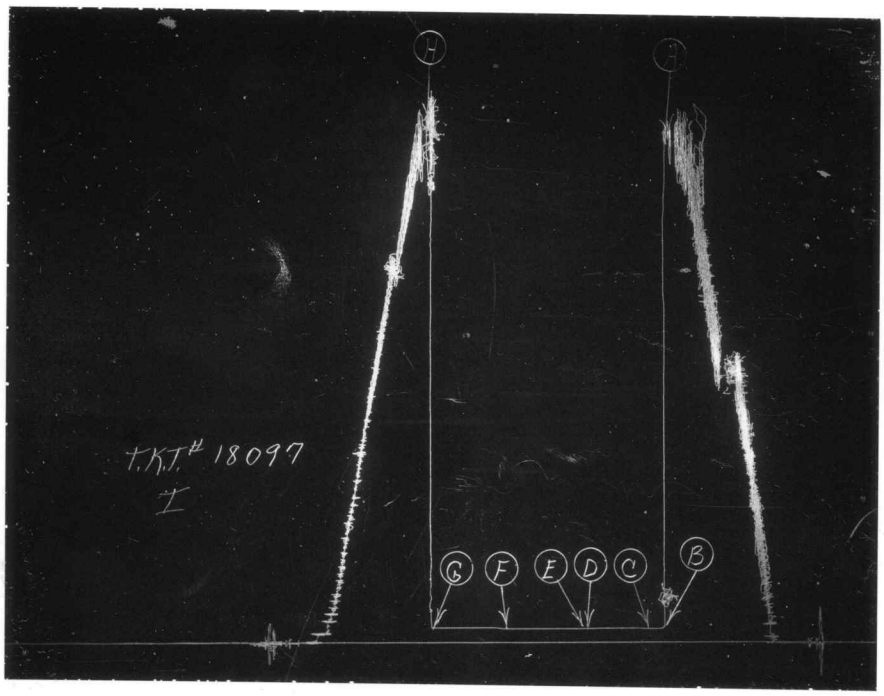
Point Minutes	Press.
0	53
3	53
6	53
9	53
12	53
15	53
18	53
21	53
24	53
27	53
30	53

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

Point Minutes	Press.
0	53
5	53
10	53
15	53
20	53
25	53
30	53
35	53
40	53
45	53
50	53
55	53
60	53

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

Point Minutes	Press.
0	53
3	53
6	54
9	55
12	55
15	56
18	56
21	56
24	56
27	56
30	56
33	56
36	56
39	56
42	56
45	56



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2271	2251	PSI
(B)	First Initial Flow Pressure	50	53	PSI
(C)	First Final Flow Pressure	50	53	PSI
(D)	Initial Closed-in Pressure	56	53	PSI
(E)	Second Initial Flow Pressure	50	53	PSI
(F)	Second Final Flow Pressure	50	53	PSI
(G)	Final Closed-in Pressure	60	56	PSI
(H)	Final Hydrostatic Mud	2250	2248	PSI

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Henry #1

Elevation 1840 Kelly Bushings Formation Viola Effective Pay Ft. Ticket No. 18098

Date 11-20-72 Sec. 27 Twp. 29S Range 13W County Pratt State Kansas

Test Approved by Sam Farmer Western Representative Guy Max Knipe

Formation Test No. 2 O.K. X Misrun Interval Tested From 4420' to 4463' Total Depth 4463'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Packer Depth 4415 Ft. Size 6 3/4" Packer Depth 4420 Ft. Size 6 3/4"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 43 Ft. Size 5 1/2" O.D.

RECORDERS Depth 4456 Ft. Clock No. 6899 Depth 4459 Ft. Clock No. 9102

Top Make Kuster Cap 4000 No. 3659 Inside Outside Bottom Make Kuster Cap 4000 No. 3660 Inside Outside

Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 10:48 A.M

Tool Open I.F.P. From 10:50 M. to 11:05A M. Hr. 15 Min. From (B) 34 P.S.I. To (C) 34 P.S.I.

Tool Closed I.C.I.P. From 11:05 M. to 11:35A M. Hr. 35 Min. (D) 181 P.S.I.

Tool Open F.F.P. From 11:35 M. to 12:35P M. Hr. 60 Min. From (E) 40 P.S.I. To (F) 40 P.S.I.

Tool Closed F.C.I.P. From 12:35 M. to 1:20P M. Hr. 45 Min. (G) 505 P.S.I.

Initial Hydrostatic Pressure (A) 2242 P.S.I. Final Hydrostatic Pressure (H) 2315 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	1/4 In.		M.	
	See attached sheet		M.	
			M.	

BLOW Strong gas to surface in 45 min. Bottom Choke Size 3/4 In.

Did Well Flow X Yes No Recovery Total Ft. 56 feet gas cut mud

Reversed Out Yes X No Mud Type Starch Viscosity 37 Weight 9.8 Water Loss 14 cc. Maximum Temp. 121 °F

Type Circ. Sub. Pin Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers 2 Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 4214 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 185 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars - ft.

I.D. Drill Collars - in. Length D.S.T. Tool 64 ft.

Remarks

WESTERN TESTERS

P. O. BOX 793
GREAT BEND, KANSAS

COMPANY John O. Farmer LEASE & WELL NO. Henry #1

TEST NO. 2 Viola INTERVAL TESTED FROM 4420' TO 4463'

TIME PRE-FLOW	MAX PRESS. P.S.I.	DESCRIPTION OF FLOW
Gas gauged through 1/4" Merla Orifice		
SECOND FLOW		
11:45 - 10Min.	2" water	2,370 C.F.
20 "	4" "	3,370 C.F.
30 "	5" "	3,950 C.F.
40 "	5" "	3,950 C.F.
50 "	4" "	3,370 C.F.
60 "	4" "	3,370 C.F.

SIZE CHOKE SURFACE IN. 1/4 BOTTOM IN. 3/4

REMARKS Gas to surface in 45 minutes
Sample Taken

WESTERN TESTING CO., INC.
Pressure Data

Date 11-20-72 Test Ticket No. 18098

Recorder No. 3659 Capacity 4000 Location 4456 Ft.

Clock No. 6899 Elevation 1840 Kelly Bushings Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2242 P.S.I.	Open Tool	10:48 AM	
B First Initial Flow Pressure	34 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C First Final Flow Pressure	34 P.S.I.	Initial Closed-in Pressure	35 Mins.	29 Mins.
D Initial Closed-in Pressure	181 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	40 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	40 P.S.I.			
G Final Closed-in Pressure	505 P.S.I.			
H Final Hydrostatic Mud	2315 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	34
P 2 5	34
P 3 10	34
P 4 15	34
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: 9 Inc.
of 3 mins. and a
final inc. of 2 Min.

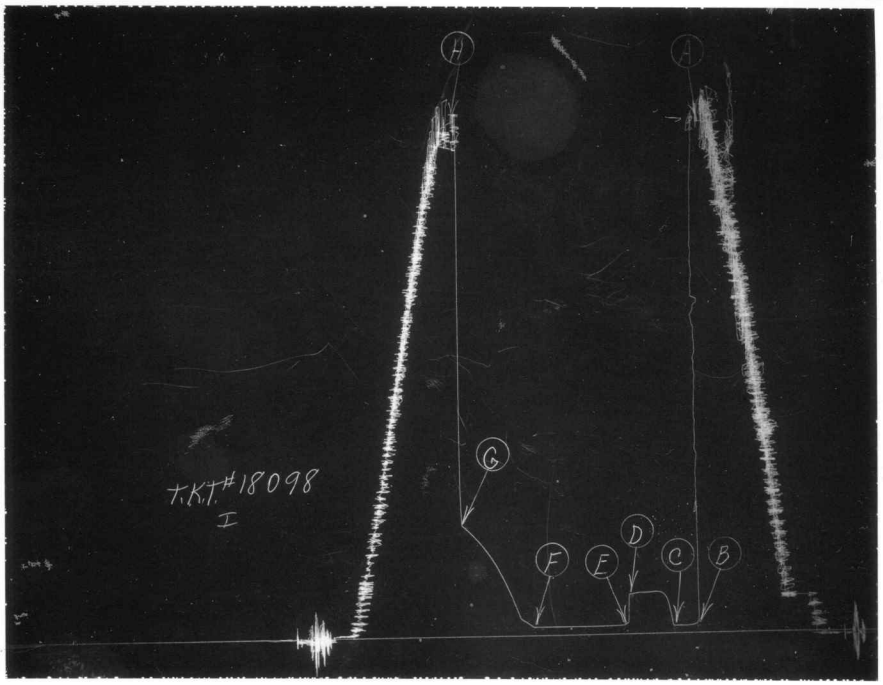
Point Minutes	Press.
0	34
3	136
6	180
9	189
12	189
15	187
18	185
21	184
24	183
27	182
29	181

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

Point Minutes	Press.
0	40
5	40
10	40
15	40
20	40
25	40
30	40
35	40
40	40
45	40
50	40
55	40
60	40

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

Point Minutes	Press.
0	40
3	53
6	65
9	83
12	142
15	200
18	246
21	287
24	329
27	361
30	393
33	420
36	442
39	466
42	487
45	505



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2327	2242	PSI
(B)	First Initial Flow Pressure	34	34	PSI
(C)	First Final Flow Pressure	30	34	PSI
(D)	Initial Closed-in Pressure	170	181	PSI
(E)	Second Initial Flow Pressure	40	40	PSI
(F)	Second Final Flow Pressure	40	40	PSI
(G)	Final Closed-in Pressure	480	505	PSI
(H)	Final Hydrostatic Mud	2310	2315	PSI

COMPANY LEASE AND WELL NO. SEC. TWP. RGE. TEST NO. DATE

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Henry #1

Elevation 1840 Kelly Bushings Est. Formation Simpson Effective Pay Ft. Ticket No. 18099

Date 11-21-72 Sec. 27 Twp. 29S Range 13W County Pratt State Kansas

Test Approved by Sam Farmer Western Representative Guy Max Knipe

Formation Test No. 3 O.K. X Misrun Interval Tested From 4516' to 4547' Total Depth 4547'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Packer Depth 4511 Ft. Size 6 3/4" Packer Depth 4516 Ft. Size 6 3/4"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 31 Ft. Size 5 1/2" O.D.

RECORDERS Depth 4539 Ft. Clock No. 6899 Depth 4542 Ft. Clock No. 9102

Top Make Kuster Cap 4000 No. 3659 Inside Outside Bottom Make Kuster Cap 4000 No. 3660 Inside Outside

Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 4:28 PM

Tool Open I.F.P. From 4:30 M. to 4:45P. M. Hr. 15 Min. From (B) 66 P.S.I. To (C) 83 P.S.I.

Tool Closed I.C.I.P. From 4:45 M. to 5:15P. M. Hr. 30 Min. (D) 887 P.S.I.

Tool Open F.F.P. From 5:15 M. to 6:15P. M. Hr. 60 Min. From (E) 132 P.S.I. To (F) 241 P.S.I.

Tool Closed F.C.I.P. From 6:15 M. to 7:00P. M. Hr. 45 Min. (G) 862 P.S.I.

Initial Hydrostatic Pressure (A) 2311 P.S.I. Final Hydrostatic Pressure (H) 2304 P.S.I.

SURFACE INFORMATION	Size Choke 3/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Strong through out test Bottom Choke Size 3/4 In.

Did Well Flow Yes X No Recovery Total Ft. 275 feet slightly oil cut mud -

(1800 feet gas in pipe) 240 feet very slightly oil cut muddy water

78000 PPM Cl.

Reversed Out Yes X No Mud Type Starch Viscosity 40 Weight 9.7 Water Loss 8. cc. Maximum Temp. 136 °F

Type Circ. Sub. Pin Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers 2 Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 4310 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 185 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars - ft.

I.D. Drill Collars - in. Length D.S.T. Tool 52 ft.

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date 11-21-72 Test Ticket No. 18099

Recorder No. 3659 Capacity 4000 Location 4539 Ft.

Clock No. 6899 Elevation 1840 Kelly Bushings Well Temperature 136 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2311 P.S.I.	Open Tool	4:30 P. M	
B First Initial Flow Pressure	66 P.S.I.	First Flow Pressure	15 Mins.	14 Mins.
C First Final Flow Pressure	83 P.S.I.	Initial Closed-in Pressure	30 Mins.	31 Mins.
D Initial Closed-in Pressure	887 P.S.I.	Second Flow Pressure	60 Mins.	58 Mins.
E Second Initial Flow Pressure	132 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	241 P.S.I.			
G Final Closed-in Pressure	862 P.S.I.			
H Final Hydrostatic Mud	2304 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 2 Inc.
of 5 mins. and a
final inc. of 4 Min.

Point Mins.	Press.
P 1 0	66
P 2 5	69
P 3 10	77
P 4 14	83
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 1 Min.

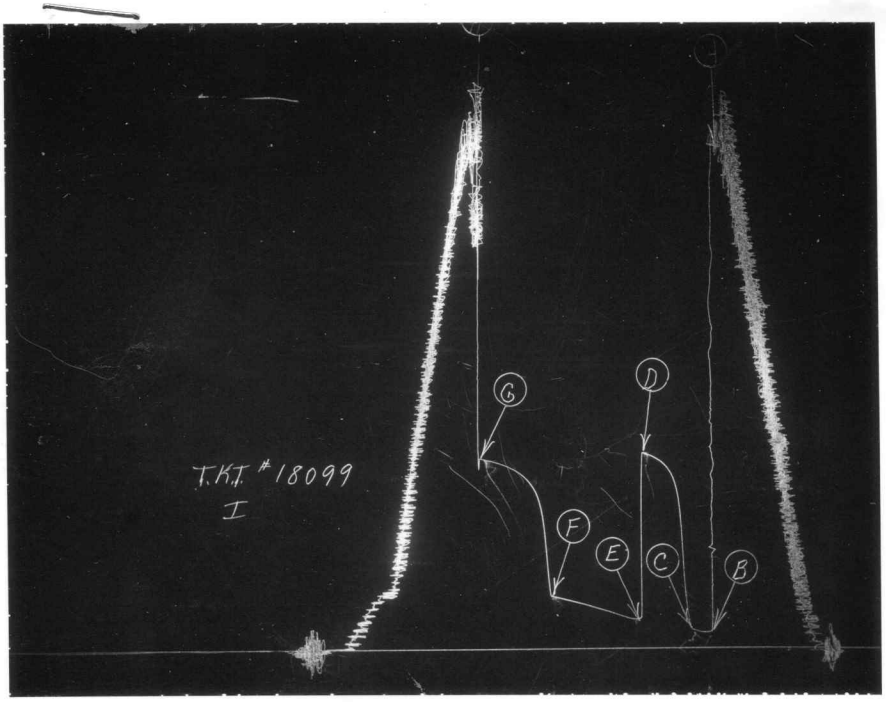
Point Minutes	Press.
0	83
3	197
6	469
9	671
12	776
15	812
18	836
21	852
24	864
27	875
30	884
31	887

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 3 Min.

Point Minutes	Press.
0	132
5	133
10	140
15	153
20	167
25	177
30	187
35	200
40	211
45	219
50	227
55	236
58	241

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

Point Minutes	Press.
0	241
3	489
6	639
9	705
12	745
15	768
18	792
21	805
24	814
27	823
30	834
33	842
36	848
39	852
42	858
45	862



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2358	2311	PSI
(B)	First Initial Flow Pressure	50	66	PSI
(C)	First Final Flow Pressure	70	83	PSI
(D)	Initial Closed-in Pressure	880	887	PSI
(E)	Second Initial Flow Pressure	130	132	PSI
(F)	Second Final Flow Pressure	230	241	PSI
(G)	Final Closed-in Pressure	850	862	PSI
(H)	Final Hydrostatic Mud	2340	2304	PSI

WESTERN TESTERS

Home Office: Great Bend, Kansas

P. O. Box 793 (316) 793-7903

Company John O. Farmer Inc. Lease & Well No. Henry #1

Elevation 1840 Kelly Bushings Est. Formation Arbuckle Effective Pay 6 Ft. Ticket No. 18100

Date 11-22-72 Sec. 27 Twp. 29S Range 13W County Pratt State Kansas

Test Approved by Sam Farmer Western Representative Guy Max Knipe

Formation Test No. 4 O.K. X Misrun Interval Tested From 4619' to 4625' Total Depth 4625'

Size Main Hole 7 7/8" Rat Hole Conv. B.T. X Damaged Yes X No Conv. X B.T. Damaged Yes X No

Packer Depth 4614 Ft. Size 6 3/4" Packer Depth 4619 Ft. Size 6 3/4"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 6 Ft. Size 5 1/2" O.D.

RECORDERS Depth 4607 Ft. Clock No. 6899 Depth 4610 Ft. Clock No. 9102

Top Make Kuster Cap 4000 No. 3659 Inside Outside Bottom Make Kuster Cap 4000 No. 3660 Inside Outside

Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 2:12 P. M

Tool Open I.F.P. From 2:15 M. to 2:30P. M. Hr. 15 Min. From (B) 126 P.S.I. To (C) 571 P.S.I.

Tool Closed I.C.I.P. From 2:30 M. to 3:00P. M. Hr. 30 Min. (D) 1206 P.S.I.

Tool Open F.F.P. From 3:00 M. to 4:00P. M. Hr. 60 Min. From (E) 645 P.S.I. To (F) 1127 P.S.I.

Tool Closed F.C.I.P. From 4:00 M. to 5:00P. M. Hr. 60 Min. (G) 1209 P.S.I.

Initial Hydrostatic Pressure (A) 2354 P.S.I. Final Hydrostatic Pressure (H) 2336 P.S.I.

SURFACE INFORMATION	Size Choke 3/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
	(See attached sheet)		M.	
			M.	

BLOW Strong gas in 30 min. Bottom Choke Size 3/4 In.

Did Well Flow X Yes No Recovery Total Ft. 1860 feet oil - 960 feet sulphur water

Reversed Out X Yes No Mud Type Starch Viscosity 40 Weight 9.7 Water Loss 8. cc. Maximum Temp. 136 °F

Type Circ. Sub Pin Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers 2 Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 4345 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 185 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 59 ft.

I.D. Drill Collars 2 1/4 in. Length D.S.T. Tool 36 ft.

Remarks

WESTERN TESTERS

P. O. BOX 793
GREAT BEND, KANSAS

COMPANY John O. Farmer Inc. LEASE & WELL NO. Henry #1

TEST NO. 4 INTERVAL TESTED FROM 4619' TO 4625'

TIME PRE-FLOW	MAX PRESS. P.S.I.	DESCRIPTION OF FLOW
SECOND FLOW	1/2" Merla Orifice	
3:15-15 min.	5"water	14,100 C.F.P.D.
3:30-30	1/4" orifice 22" water	7,880 "
3:45-45	16" water	6,720 "
4:00-60	10" "	5,320 "

SIZE CHOKE _____ SURFACE 1/2 IN. _____ BOTTOM 3/4 IN. _____

REMARKS Gas to surface in 30 min. - 15 min. after tool was clos

WESTERN TESTING CO., INC.
Pressure Data

Date 11-22-72 Test Ticket No. 18100

Recorder No. 3659 Capacity 4000 Location 4607 Ft.

Clock No. 6899 Elevation 1840 Kelly Bushings Est. Well Temperature 136 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2354	P.S.I.
B	First Initial Flow Pressure	126	P.S.I.
C	First Final Flow Pressure	571	P.S.I.
D	Initial Closed-in Pressure	1206	P.S.I.
E	Second Initial Flow Pressure	645	P.S.I.
F	Second Final Flow Pressure	1127	P.S.I.
G	Final Closed-in Pressure	1209	P.S.I.
H	Final Hydrostatic Mud	2336	P.S.I.

	Time Given	Time Computed
Open Tool	2:15 P. M	
First Flow Pressure	15 Mins.	17 Mins.
Initial Closed-in Pressure	30 Mins.	29 Mins.
Second Flow Pressure	60 Mins.	58 Mins.
Final Closed-in Pressure	60 Mins.	61 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 2 Min.

Point Mins.	Press.
P 1 0	126
P 2 5	251
P 3 10	393
P 4 15	515
P 5 17	571
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 2 Min.

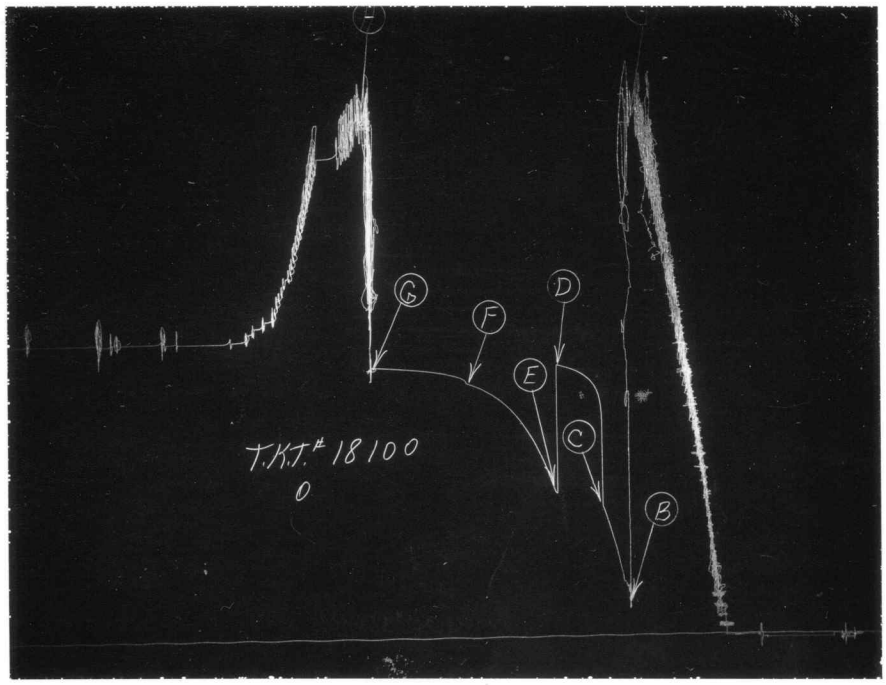
Point Minutes	Press.
0	571
3	1073
6	1119
9	1142
12	1160
15	1172
18	1183
21	1192
24	1198
27	1204
29	1206

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 3 Min.

Point Minutes	Press.
0	645
5	699
10	784
15	838
20	916
25	972
30	1007
35	1041
40	1067
45	1091
50	1107
55	1123
58	1127

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 1 Min.

Point Minutes	Press.
0	1127
3	1146
6	1155
9	1164
12	1170
15	1176
18	1179
21	1182
24	1185
27	1188
30	1190
33	1192
26	1194
39	1196
42	1198
45	1201
48	1203
51	1204
54	1206
57	1208
60	1209
61	1209



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2350	2354	PSI
(B)	First Initial Flow Pressure	110	126	PSI
(C)	First Final Flow Pressure	550	571	PSI
(D)	Initial Closed-in Pressure	1200	1206	PSI
(E)	Second Initial Flow Pressure	630	645	PSI
(F)	Second Final Flow Pressure	1110	1127	PSI
(G)	Final Closed-in Pressure	1190	1209	PSI
(H)	Final Hydrostatic Mud	2339	2336	PSI