WESTERN TEST SERVICE

P. O. BOX 1599
WICHITA, KANSAS 67201

Company Petroleum Inc. Lease & Well No. Veverka C #1

Elevation ____ Formation Kansas City Effective Pay ____ Ft. Ticket No. 20605

Date 11-25-74 Sec. 34 Twp. 8 S Range 19 W County Rooks State Kansas

Test Approved by R.K. Grant Western Representative Dennis Spering

Formation Test No. 1 O.K. X Misrun ____ Interval Tested From 3136' to 3210' Total Depth 3210'

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

Top Packer Depth 3131 Ft. Size 6 3/4" Bottom Packer Depth 3136 Ft. Size 6 3/4"

Straddle No Conv. ____ B.T. ____ Damaged ____ Yes ____ No Packer Depth ____ Ft. Size ____

Tool Size 5 ½ O.D. Tool Joint Size 4½ F.H. Anchor Length 64 Ft. Size 5½ O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3202' Ft. Clock No. 6893 Depth 3205 Ft. Clock No. 6896

Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside

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

Time Set Packer 6:42 P M

Tool Open I.F.P. From 6:45 P M. to 7:15 P M. Hr. 30 Min. From (B) 35 P.S.I. To (C) 67 P.S.I.

Tool Closed I.C.I.P. From 7:15 P M. to 7:45 P M. Hr. 30 Min (D) 932 P.S.I.

Tool Open F.F.P. From 7:45 P M. to 8:15 P M. Hr. 30 Min. From (E) 78 P.S.I. To (F) 100 P.S.I.

Tool Closed F.C.I.P. From 8:15 P M. to 8:45 P M. Hr. 30 Min. (G) 867 P.S.I.

Initial Hydrostatic Pressure (A) 1661 P.S.I. Final Hydrostatic Pressure (H) 1661 P.S.I. Maximum Temp. 100

INFORMATION

BLOW Fair throughout test

Did Well Flow ____ Yes X No Recovery Total Ft. 180 feet of watery Drilling mud

Reversed Out ____ Yes No No Mud Type Starch Viscosity 43 Weight 9.7 Water Loss 8.0 cc. Chlorides ____

EXTRA EQUIPMENT: Type Circ. Sub. plug Safety Joint No Jars: Size ____ In. Make ____ Ser. No. ____

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? ____

DRILLING CONTRACTOR Duke Drilling Co. Length Drill Pipe? 2542 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ In.

Length Weight Pipe 584 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½ In. Length Drill Collars ____ Ft. I.D. Drill Collars ____ In.

Tool Joint Size ____ In. Length D.S.T. Tool 84 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 11-25-74 Test Ticket No. 20605

Recorder No. 3086 Capacity 4500 Location 3202' Ft.

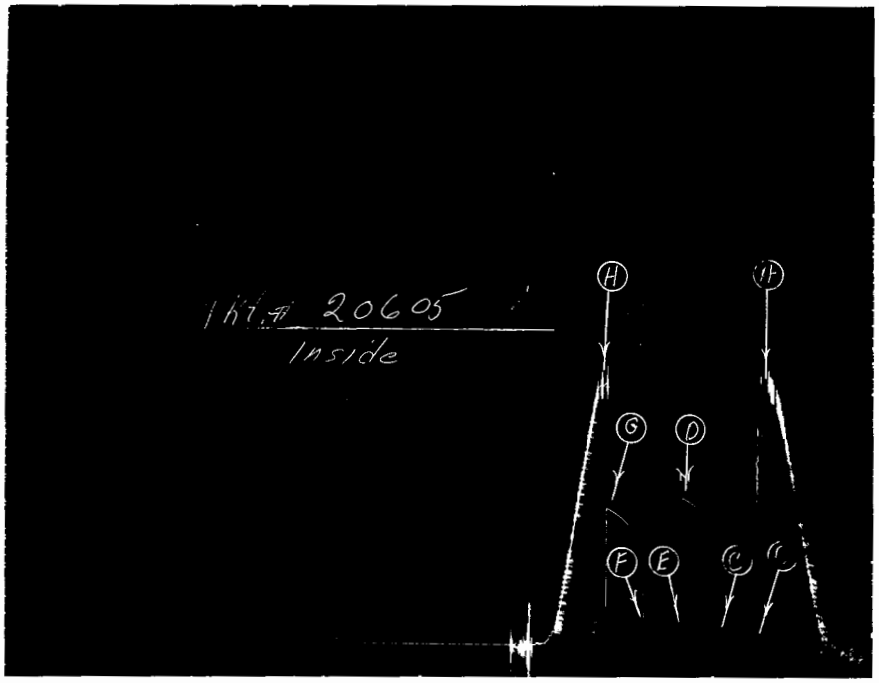
Clock No. 6893 Elevation Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1661 P.S.I.	Open Tool	6:42 P M	
B First Initial Flow Pressure	35 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	67 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	932 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	78 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	100 P.S.I.			
G Final Closed-in Pressure	867 P.S.I.			
H Final Hydrostatic Mud	1661 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: 6 Inc.	Breakdown: 10 Inc.	Breakdown: 6 Inc.	Breakdown: 10 Inc.
of 5 mins. and a	of 3 mins. and a	of 5 mins. and a	of 3 mins. and a
final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.	final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	35	0	67	0	78	0	100
P 2 5	47	3	561	5	81	3	593
P 3 10	48	6	686	10	85	6	674
P 4 15	57	9	746	15	90	9	725
P 5 20	62	12	802	20	94	12	758
P 6 25	66	15	839	25	97	15	783
P 7 30	67	18	863	30	100	18	807
P 8		21	886			21	828
P 9		24	904			24	844 ~~886~~
P10		27	921			27	858
P11		30	932			30	867
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1635	1661	PSI
(B)	First Initial Flow Pressure	59	35	PSI
(C)	First Final Flow Pressure	71	67	PSI
(D)	Initial Closed-in Pressure	939	932	PSI
(E)	Second Initial Flow Pressure	75	78	PSI
(F)	Second Final Flow Pressure	106	100	PSI
(G)	Final Closed-in Pressure	881	867	PSI
(H)	Final Hydrostatic Mud	1624	1661	PSI

COMPANY Petroleum Inc. LEASE AND WELL NO. Veverka G#1 SEC. 34 TWP. 8S RGE. 19W TEST NO #1 DATE 11-25-74

WESTERN

P. O. BOX 1599
WICHITA, KANSAS 67201

Company Petroleum Inc. Lease & Well No. Veverka #C-1

Elevation 1957 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 20606

Date 11-26-74 Sec. 34 Twp. 8S Range 19W County Rooks State Kansas

Test Approved by R.K. Grant Western Representative Dennis Spering

Formation Test No. 2 O.K. X Misrun - Interval Tested From 3290' to 3340' Total Depth 3340'

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

Top Packer Depth 3285 Ft. Size 6 3/4 Bottom Packer Depth 3290 Ft. Size 6 3/4

Straddle No Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½ O.D. Tool Joint Size 4½ F.H. Anchor Length 50 Ft. Size 5½ O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3332 Ft. Clock No. 6893 Depth 3335 Ft. Clock No. 6896

Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside

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

Time Set Packer 6:32 P M

Tool Open I.F.P. From 6:35 P M. to 7:05P M. - Hr. 30 Min. From (B) 24 P.S.I. To (C) 24 P.S.I.

Tool Closed I.C.I.P. From 7:05 P M. to 8:05P M. - Hr. 60 Min (D) 289 P.S.I.

Tool Open F.F.P. From Not Taken M. to M. Hr. Min. From (E) Not Taken P.S.I. To (F) Not taken " " P.S.I.

Tool Closed F.C.I.P. From Not Taken M. to M. Hr. Min. (G) P.S.I.

Initial Hydrostatic Pressure (A) 1754 P.S.I. Final Hydrostatic Pressure (H) 1714 P.S.I. Maximum Temp. 100

INFORMATION

BLOW Weak died 20 minutes after tool open.

Did Well Flow - Yes X No Recovery Total Ft. 10 Feet drilling mud.

Reversed Out - Yes X No Mud Type Starch Viscosity 40 Weight 9.8 Water Loss 14.2 cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Duke Drlg. Co. Length Drill Pipe? 2686 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe 584 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 70 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 11-26-74 Test Ticket No. 20606

Recorder No. 3086 Capacity 4500 Location 3332 Ft.

Clock No. 6893 Elevation 1957 Kelly Bushings Well Temperature 100 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1754	P.S.I.	Open Tool 6:32 P M	
B	First Initial Flow Pressure	24	P.S.I.	First Flow Pressure 30 Mins.	30 Mins.
C	First Final Flow Pressure	24	P.S.I.	Initial Closed-in Pressure 60 Mins.	57 Mins.
D	Initial Closed-in Pressure	289	P.S.I.	Second Flow Pressure Not taken Mins.	Mins.
E	Second Initial Flow Pressure	Not taken	P.S.I.	Final Closed-in Pressure Not taken Mins.	Mins.
F	Second Final Flow Pressure	" "	P.S.I.		
G	Final Closed-in Pressure	" "	P.S.I.		
H	Final Hydrostatic Mud	1714	P.S.I.		

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	24
P 2 5	24
P 3 10	25
P 4 15	25
P 5 20	Flush Tool
P 6 25	24
P 7 30	24
P 8	
P 9	
P10	
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.

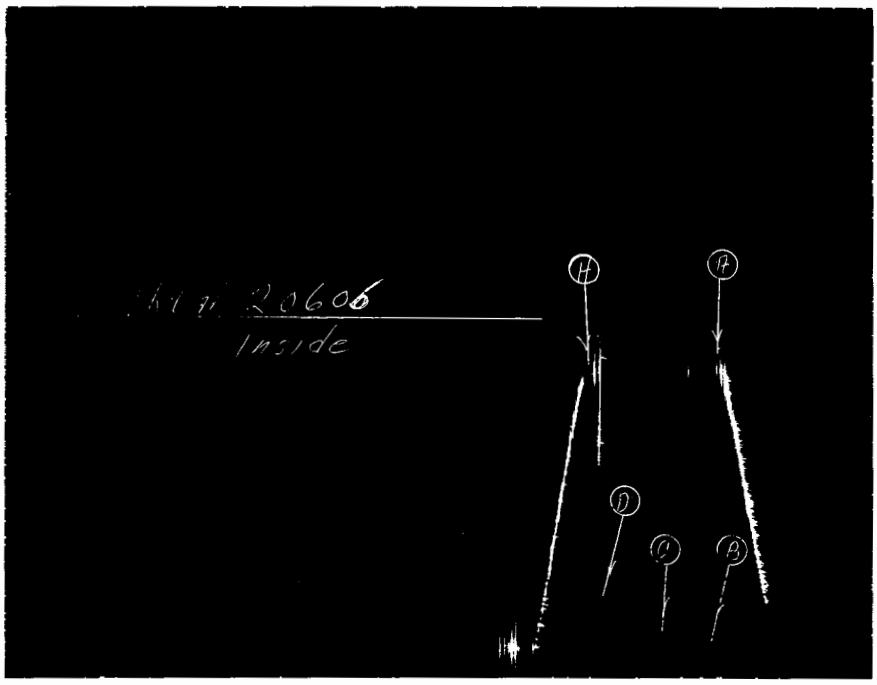
Point Minutes	Press.
0	24
3	24
6	24
9	26
12	29
15	35
18	43
21	51
24	63
27	76
30	92
33	110
36	130
39	153
42	174
45	198
48	223
51	245
54	266
57	289

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

Point Minutes	Press.
Not Taken	

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

Point Minutes	Press.
Not Taken	



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1762	1754	PSI
(B)	First Initial Flow Pressure	23	23	PSI
(C)	First Final Flow Pressure	23	24	PSI
(D)	Initial Closed-in Pressure	284	289	PSI
(E)	Second Initial Flow Pressure	Not taken		PSI
(F)	Second Final Flow Pressure	"		PSI
(G)	Final Closed-in Pressure	"		PSI
(H)	Final Hydrostatic Mud	1750	1714	PSI

COMPANY Petroleum Inc. LEASE AND WELL NO. Veverka G #1 SEC. 34 TWP. 8S RGE. 19W TEST NO. 2 DATE 11-26-74

WESTERN TEST SERVICE

P. O. BOX 1599
WICHITA, KANSAS 67201

Company Petroleum Inc. Lease & Well No. Veverka #C-1

Elevation 1957 Kelly Bush Formation Arbuckle Effective Pay - Ft. Ticket No. 20607

Date 11-27-74 Sec. 34 Twp. 8S Range 19W County Rooks State Kansas

Test Approved by R.K. Grant Western Representative Dennis Spering

Formation Test No. 3 O.K. X Misrun - Interval Tested From 3340' to 3390' Total Depth 3390'

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

Top Packer Depth 3335 Ft. Size 6 3/4 Bottom Packer Depth 3340 Ft. Size 6 3/4

Straddle No Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½ O.D. Tool Joint Size 4½ F.H. Anchor Length 50 Ft. Size 5½ O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3382 Ft. Clock No. 6893 Depth 3385 Ft. Clock No. 6896

Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside

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

Time Set Packer 9:47 A M

Tool Open I.F.P. From 9:50 A. M. to 10:20A M. - Hr. 30 Min. From (B) 25 P.S.I. To (C) 31 P.S.I.

Tool Closed I.C.I.P. From 10:20A M. to 11:20A M. - Hr. 60 Min (D) 835 P.S.I.

Tool Open F.F.P. From Not Taken M. to M. Hr. Min. From (E) Not Taken P.S.I. To (F) Not Taken P.S.I.

Tool Closed F.C.I.P. From Not Taken M. to M. Hr. Min. (G) Not Taken P.S.I.

Initial Hydrostatic Pressure (A) 1693 P.S.I. Final Hydrostatic Pressure (H) 1742 P.S.I. Maximum Temp. 132

INFORMATION

BLOW Weak Died 23 minutes after tool opened. Flushed tool

Did Well Flow - Yes X No Recovery Total Ft. 10 feet drilling mud

Reversed Out - Yes X No Mud Type Starch Viscosity 40 Weight 9.8 Water Loss 14.2 cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Duke Drlg. Co. Length Drill Pipe? 2736 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½F.H. In.

Length Weight Pipe 584 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½ F.H. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 70 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 11-27-74 Test Ticket No. 20607

Recorder No. 3086 Capacity 4500 Location 3382 Ft.

Clock No. 6893 Elevation 1957 Kelly Bush. Well Temperature 132 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1785 P.S.I.	Open Tool	9:47 A.M.	
B	First Initial Flow Pressure	25 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	31 P.S.I.	Initial Closed-in Pressure	60 Mins.	54 Mins.
D	Initial Closed-in Pressure	835 P.S.I.	Second Flow Pressure	Not taken Mins.	Mins.
E	Second Initial Flow Pressure	Not taken P.S.I.	Final Closed-in Pressure	" Mins.	Mins.
F	Second Final Flow Pressure	" P.S.I.			
G	Final Closed-in Pressure	" P.S.I.			
H	Final Hydrostatic Mud	1742 P.S.I.			

PRESSURE BREAKDOWN

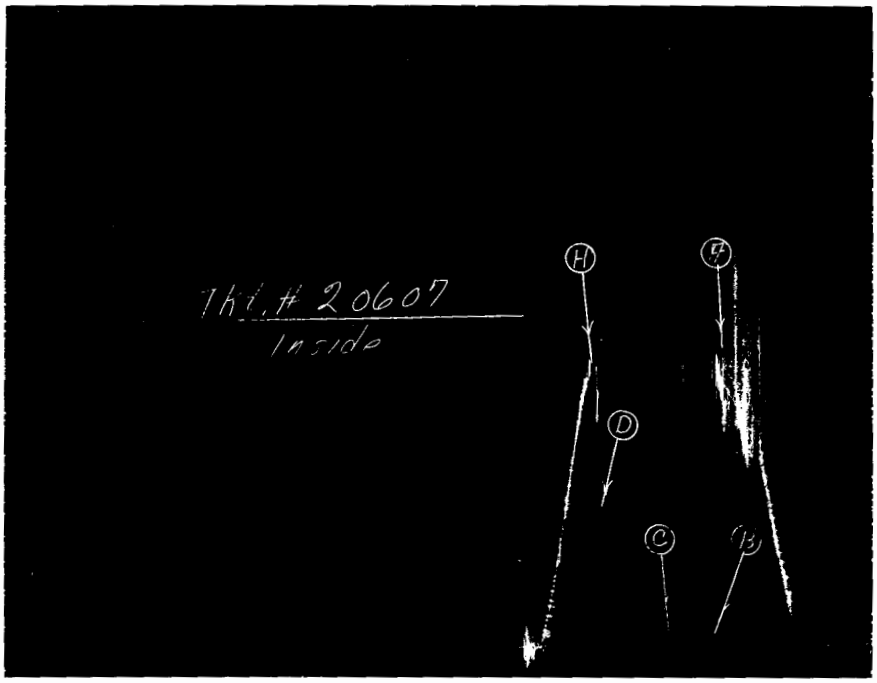
First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 18 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

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

Point	Mins.	Press.	Point	Minutes	Press.	Point	Minutes	Press.	Point	Minutes	Press.
P 1	0	25		0	31		Not taken			Not taken	
P 2	5	25		3	47						
P 3	10	25		6	85						
P 4	15	25		9	150						
P 5	20	25		12	223						
P 6	25	31		15	308						
P 7	30	31		18	377						
P 8				21	454						
P 9				24	524						
P10				27	586						
P11				30	629						
P12				33	672						
P13				36	706						
P14				39	737						
P15				42	761						
P16				45	786						
P17				48	805						
P18				51	823						
P19				54	835						
P20				57							
				60							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1693	1785	PSI
(B)	First Initial Flow Pressure	23	25	PSI
(C)	First Final Flow Pressure	35	31	PSI
(D)	Initial Closed-in Pressure	846	835	PSI
(E)	Second Initial Flow Pressure	Not taken		PSI
(F)	Second Final Flow Pressure	"		PSI
(G)	Final Closed-in Pressure	"		PSI
(H)	Final Hydrostatic Mud	1681	1742	PSI

COMPANY Petroleum Inc. LEASE AND WELL NO. Veverka G #1 SEC. 34 TWP. 8S RGE. 19W TEST NO. 3 DATE 11-27-74

WESTERN

P. O. BOX 1599
WICHITA, KANSAS 67201

Company Petroleum Inc. Lease & Well No. Veverka #C-1

Elevation 1947 Kelly Bush. Formation Arbuckle Effective Pay - Ft. Ticket No. 20608

Date 11-27-74 Sec. 34 Twp. 8S Range 19W County Rooks State Kansas

Test Approved by R.K. Grant Western Representative Dennis Sporing

Formation Test No. 4 O.K. X Misrun - Interval Tested From 3339' to 3393' Total Depth 3393'

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

Top Packer Depth 3334 Ft. Size 6 3/4 Bottom Packer Depth 3339 Ft. Size 6 3/4

Straddle No Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½ O.D. Tool Joint Size 4½ F.H. Anchor Length 54 Ft. Size 5½ O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3385 Ft. Clock No. 6893 Depth 3388 Ft. Clock No. 6896

Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside

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

Time Set Packer 6:02 PM

Tool Open I.F.P. From 6:05 P M. to 6:35P M. - Hr. 30 Min. From (B) 69 P.S.I. To (C) 70 P.S.I.

Tool Closed I.C.I.P. From 6:35P M. to 7:05P M. - Hr. 30 Min (D) 895 P.S.I.

Tool Open F.F.P. From 7:05 P M. to 8:05P M. - Hr. 60 Min. From (E) 66 P.S.I. To (F) 71 P.S.I.

Tool Closed F.C.I.P. From 8:05P M. to 9:05P M. - Hr. 60 Min. (G) 944 P.S.I.

Initial Hydrostatic Pressure (A) 1721 P.S.I. Final Hydrostatic Pressure (H) 1751 P.S.I. Maximum Temp. Broke

INFORMATION

BLOW Weak 1" in bucket throughout test

Did Well Flow - Yes X No Recovery Total Ft. 60 feet heavy oil cut mud - 60 feet oil spotted mud

Reversed Out Yes X No Mud Type Starch Viscosity 42 Weight 9.9 Water Loss 13.2 cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Duke Drlg. Co. Length Drill Pipe? 2634 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ F.H. In.

Length Weight Pipe 685 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½ F.H. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 74 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 11-27-74 Test Ticket No. 20608

Recorder No. 3086 Capacity 4500 Location 3385 Ft.

Clock No. 6893 Elevation Well Temperature Broken °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1721 P.S.I.	Open Tool		6:02 P. M.	
B	First Initial Flow Pressure	69 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	70 P.S.I.	Initial Closed-in Pressure		30 Mins.	30 Mins.
D	Initial Closed-in Pressure	895 P.S.I.	Second Flow Pressure		60 Mins.	60 Mins.
E	Second Initial Flow Pressure	66 P.S.I.	Final Closed-in Pressure		60 Mins.	60 Mins.
F	Second Final Flow Pressure	71 P.S.I.				
G	Final Closed-in Pressure	944 P.S.I.				
H	Final Hydrostatic Mud	1751 P.S.I.				

PRESSURE BREAKDOWN

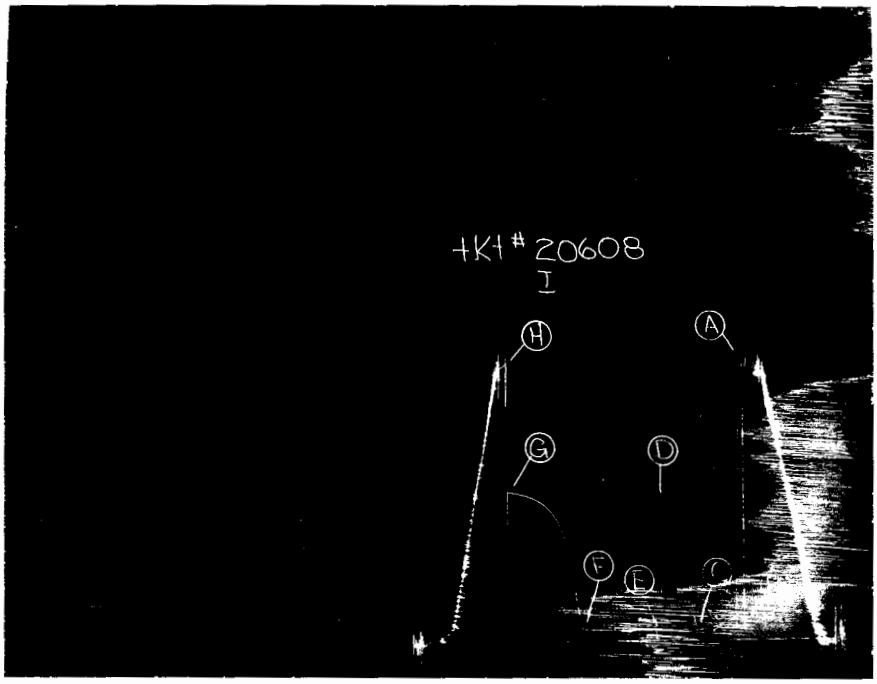
First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

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

Second Flow Pressure
Breakdown: 12 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	Mins.	Press.	Point	Minutes	Press.	Point	Minutes	Press.	Point	Minutes	Press.
P 1	0	69		0	70		0	66		0	71
P 2	5	70		3	166		5	66		3	154
P 3	10	70		6	318		10	66		6	318
P 4	15	70		9	469		15	67		9	481
P 5	20	70		12	597		20	68		12	597
P 6	25	70		15	693		25	67		15	672
P 7	30	70		18	755		30	68		18	738
P 8		70		21	809		35	68		21	779
P 9				24	851		40	69		24	814
P10				27	879		45	69		27	842
P11				30	895		50	70		30	863
P12							55	70		33	879
P13							60	71		36	893
P14										39	904
P15										42	914
P16										45	921
P17										48	928
P18										51	935
P19										54	937
P20										57	942
										60	944



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1681	1721	PSI
(B)	First Initial Flow Pressure	71	69	PSI
(C)	First Final Flow Pressure	82	70	PSI
(D)	Initial Closed-in Pressure	916	895	PSI
(E)	Second Initial Flow Pressure	82	66	PSI
(F)	Second Final Flow Pressure	94	71	PSI
(G)	Final Closed-in Pressure	951	944	PSI
(H)	Final Hydrostatic Mud	1670	1751	PSI

Petroleum Inc. LEASE AND WELL NO. Veverka #C-1 SEC. 34 TWP. 8S RGE. 19W TEST NO. 4 DATE 11-27-74

P. O. BOX 1599
WICHITA, KANSAS 67201

Company **Petroleum Inc.** Lease & Well No. **Veverka #8-1**

Elevation **1947 Kelly Bush.** Formation ____ Effective Pay ____ Ft. Ticket No. ____

Date **11-28-74** Sec. **34** Twp. **8S** Range **19W** County **Rooks** State **Kansas**

Test Approved by **R. K. Grant** Western Representative **Dennis Sporing**

Formation Test No. **5** O.K. **X** Misrun **-** Interval Tested From **3338'** to **3396'** Total Depth **3396'**

Size Main Hole **7 7/8** Rat Hole **-** Conv. **X** B.T. ____ Damaged ____ Yes **X** No Conv. **X** B.T. ____ Damaged ____ Yes **X** No

Top Packer Depth **3333** Ft. Size **6 3/4** Bottom Packer Depth **3338** Ft. Size **6 3/4**

Straddle **No** Conv. **-** B.T. **-** Damaged **-** Yes ____ No ____ Packer Depth **-** Ft. Size **-**

Tool Size **5½Od** Tool Joint Size **4½fh** Anchor Length **58** Ft. Size **5½OD** Surface Choke Size **3/8** In. Bottom Choke Size **3/4** In.

RECORDERS Depth **3388** Ft. Clock No. **6893** Depth **3391** Ft. Clock No. **6896**

Top Make **Kuster** Cap. **4500** No. **3086** ~~xxxxx~~ Outside Bottom Make **Kuster** Cap. **4200** No. **1558** ~~xx xxxxx~~ Outside

Inside Inside

Below Straddle: Depth **-ft** Rec. No. **-** Clock No. ____ Outside Depth **-** Ft. Rec. No. **-** Clock No. **-** Outside

Time Set Packer **7:42A** M

Tool Open I.F.P. From **7:45A** M. to **8:15A** M. ____ Hr. **30** Min. From (B) **71** P.S.I. To (C) **71** P.S.I.

Tool Closed I.C.I.P. From **8:15A** M. to **8:45A** M. ____ Hr. **30** Min (D) **779** P.S.I.

Tool Open F.F.P. From **8:45A** M. to **9:45A** M. ____ Hr. **60** Min. From (E) **78** P.S.I. To (F) **78** P.S.I.

Tool Closed F.C.I.P. From **9:45A** M. to **10:45A** M. ____ Hr. **60** Min. (G) **905** P.S.I.

Initial Hydrostatic Pressure (A) **1750** P.S.I. Final Hydrostatic Pressure (H) **1709** P.S.I. Maximum Temp. **-**

INFORMATION

BLOW **Weak 1" in bucket--second opening ¼" in bucket throughout test**

Did Well Flow ____ Yes **X** No Recovery Total Ft. **120' oil cut mud**

Reversed Out ____ Yes **X** No Mud Type **Starch** Viscosity **42** Weight **9.9** Water Loss **13.2** cc. Chlorides **-**

EXTRA EQUIPMENT: Type Circ. Sub. **Plug** Safety Joint **No** Jars: Size **-** In. Make **-** Ser. No. **-**

Dual Packer **Yes** Did Packers Hold? **Yes** Did Tool Plug? **No** Where? **-**

DRILLING CONTRACTOR **Duke Drilling Co.** Length Drill Pipe? **2633** Ft. I.D. Drill Pipe **3.8** In. Tool Joint Size **4½** In.

Length Weight Pipe **685** Ft. I.D. Weight Pipe **2.8** In. Tool Joint Size **4½** In. Length Drill Collars **-** Ft. I.D. Drill Collars **-** In.

Tool Joint Size **-** In. Length D.S.T. Tool **78** Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 11-28-74 Test Ticket No. 20609

Recorder No. 3086 Capacity 4500 Location 3388 Ft.

Clock No. 6893 Elevation Well Temperature Broken °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1750 P.S.I.	Open Tool	7:42A M	
B First Initial Flow Pressure	71 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	71 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	779 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	78 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	78 P.S.I.			
G Final Closed-in Pressure	905 P.S.I.			
H Final Hydrostatic Mud	1709 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure

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

Point	Mins.	Press.
P 1	0	71
P 2	5	"
P 3	10	"
P 4	15	"
P 5	20	"
P 6	25	"
P 7	30	71
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	71
3	126
6	225
9	338
12	434
15	532
18	602
21	658
24	711
27	753
30	779

Second Flow Pressure

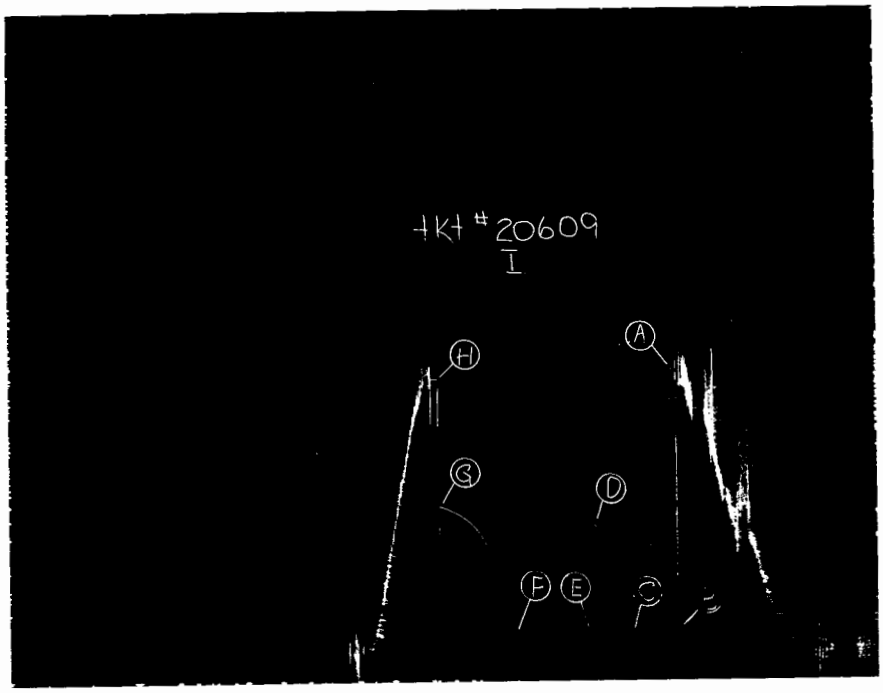
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	78
5	"
10	"
15	"
20	"
25	"
30	"
35	"
40	"
45	"
50	"
55	"
60	78

Final Shut-In

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

Point Minutes	Press.
0	78
3	116
6	178
9	277
12	382
15	472
18	551
21	621
27	672
30	716
33	749
36	778
39	804
42	823
45	842
48	856
51	870
54	881
57	890
60	900
	905



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1681	1750	PSI
(B)	First Initial Flow Pressure	71	71	PSI
(C)	First Final Flow Pressure	82	71	PSI
(D)	Initial Closed-in Pressure	799	779	PSI
(E)	Second Initial Flow Pressure	82	78	PSI
(F)	Second Final Flow Pressure	82	78	PSI
(G)	Final Closed-in Pressure	916	905	PSI
(H)	Final Hydrostatic Mud	1670	1709	PSI

COMPANY Petroleum, Inc. LEASE AND WELL NO. Veverka #G-1 SEC. 34 TWP. 8S RGE. 19W TEST NO. 5 DATE 11-28-74

WESTERN TESTERS

P. O. BOX 1599
WICHITA, KANSAS 67201

Company Petroleum Inc. Lease & Well No. Veverka #C-1

Elevation 1947 Kelly Bush Formation Arbuckle Effective Pay - Ft. Ticket No. 20610

Date 11-28-74 Sec. 34 Twp. 8S Range 19W County Rooks State Kansas

Test Approved by R.K. Grant Western Representative Dennis Sporing

Formation Test No. 6 O.K. X Misrun - Interval Tested From 3392' to 3400' Total Depth 3400'

Size Main Hole 7 7/8 at Hole - Conv. X B.T. - Damaged Yes X No Conv. - B.T. X Damaged Yes X No

Top Packer Depth 3387 Ft. Size 6 3/4 Bottom Packer Depth 3392 Ft. Size 6 3/4

Straddle No Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½ O.D. Tool Joint Size 4½ F.H. Anchor Length 8 Ft. Size 5½ O.D. Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3394 Ft. Clock No. 6893 Depth 3397 Ft. Clock No. 6896

Top Make Kuster Cap. 4500 No. 3086 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside

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

Time Set Packer 7:52 P M

Tool Open I.F.P. From 7:55 P M. to 8:25P M. - Hr. 30 Min. From (B) 7 P.S.I. To (C) 7 P.S.I.

Tool Closed I.C.I.P. From 8:25P M. to 8:55P M. - Hr. 30 Min (D) 542 P.S.I.

Tool Open F.F.P. From 8:55P M. to 9:55P M. - Hr. 60 Min. From (E) 17 P.S.I. To (F) 12 P.S.I.

Tool Closed F.C.I.P. From 9:55P M. to 10:55P M. - Hr. 60 Min. (G) 818 P.S.I.

Initial Hydrostatic Pressure (A) 1737 P.S.I. Final Hydrostatic Pressure (H) 1721 P.S.I. Maximum Temp.

INFORMATION

BLOW Weak throughout pre-flow. Did not come back on second opening

Did Well Flow - Yes X No Recovery Total Ft. 30' oil spotted mud. 10' oil cut mud

Reversed Out - Yes X No Mud Type Starch Viscosity 42 Weight 9.9 Water Loss 13.2 cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint No Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Duke Drlg. Co. Length Drill Pipe? 2686 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ In.

Length Weight Pipe 685 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½ F.H. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 28 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 11-28-74 Test Ticket No. 20610

Recorder No. 3086 Capacity 4500 Location 3394 Ft.

Clock No. 6993 Elevation Well Temperature Broken °F

Point		Pressure	
A	Initial Hydrostatic Mud	1737	P.S.I.
B	First Initial Flow Pressure	7	P.S.I.
C	First Final Flow Pressure	7	P.S.I.
D	Initial Closed-in Pressure	542	P.S.I.
E	Second Initial Flow Pressure	17	P.S.I.
F	Second Final Flow Pressure	12	P.S.I.
G	Final Closed-in Pressure	818	P.S.I.
H	Final Hydrostatic Mud	1721	P.S.I.

	Time Given	Time Computed
Open Tool	7:52P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	60 Mins.	60 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.

Point	Mins.	Press.
P 1	0	7
P 2	5	"
P 3	10	"
P 4	15	"
P 5	20	"
P 6	25	"
P 7	30	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	7
	3	7
	6	9
	9	14
	12	26
	15	43
	18	64
	21	123
	24	225
	27	391
	30	542

Second Flow Pressure

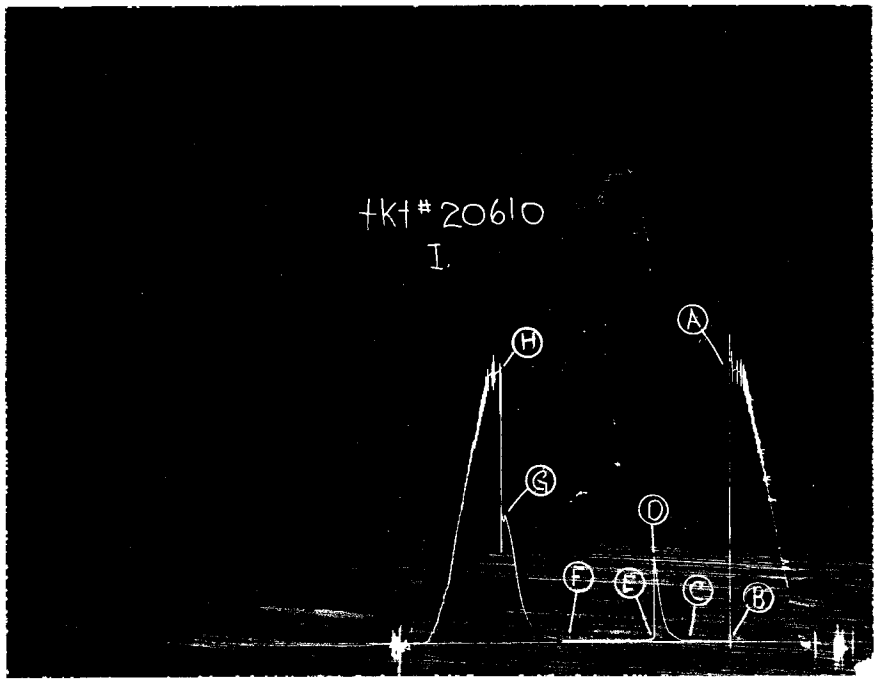
Breakdown 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	17
	5	14
	10	12
	15	"
	20	"
	25	"
	30	"
	35	"
	40	"
	45	"
	50	"
	55	"
	60	12

Final Shut-In

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

Point	Minutes	Press.
	0	12
	3	12
	6	12
	9	12
	12	17
	15	22
	18	28
	21	31
	24	40
	27	52
	30	64
	33	76
	36	99
	39	142
	42	199
	45	294
	48	434
	51	597
	54	725
	57	811
	60	818



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1693	1737	PSI
(B)	First Initial Flow Pressure	0	7	PSI
(C)	First Final Flow Pressure	0	7	PSI
(D)	Initial Closed-in Pressure	544	542	PSI
(E)	Second Initial Flow Pressure	11	17	PSI
(F)	Second Final Flow Pressure	11	12	PSI
(G)	Final Closed-in Pressure	822	818	PSI
(H)	Final Hydrostatic Mud	1681	1721	PSI

COMPANY Petroleum Inc. LEASE AND WELL NO. Veverka #G-1 SEC. 34 TWP. 8S RGE. 19W TEST NO. 6 DATE 11-28-74