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

C NE/4 8-35-22W

Company Robert L. Haynie Lease & Well No. Tuttle #2

Elevation 1979 Kelly Bushings Formation Mississippian Effective Pay Ft. Ticket No. 20449

Date 5-4-74 Sec. 8 Twp. 35S Range 22W County Clark State Kansas

Test Approved by Don G. Calvin Western Representative Dennis Sporing

Formation Test No. 1 O.K. X Misrun Interval Tested From 5662' to 5723' Total Depth 5723'

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

Top Packer Depth 5657 Ft. Size 6 3/4" Bottom Packer Depth 5662 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 61 Ft. Size 5½" O.D. Surface Choke Size 2" In. Bottom Choke Size 3/4 In.

RECORDERS

	Depth	Ft.	Clock No.	Inside / Outside	Depth	Ft.	Clock No.	Inside / Outside
Top	5670		6396		5673		4964	
Make	Kuster	Cap.	4500	No. 3086	Kuster	Cap.	4200	No. 1558
Below Straddle		Rec. No.				Rec. No.		

Time Set Packer 7:42 A.M.

Tool Open I.F.P. From 7:45 A.M. to 8:00A. M. Hr. 15 Min. From (B) 667 P.S.I. To (C) 832 P.S.I.

Tool Closed I.C.I.P. From 8:00 A.M. to 9:00A. M. Hr. 60 Min (D) 1965 P.S.I.

Tool Open F.F.P. From 9:00 A.M. to 10:00A. M. Hr. 60 Min. From (E) 867 P.S.I. To (F) 1012 P.S.I.

Tool Closed F.C.I.P. From 10:00 A.M. to 11:00A. M. Hr. 60 Min. (G) 1924 P.S.I.

Initial Hydrostatic Pressure (A) 3102 P.S.I. Final Hydrostatic Pressure (H) 2881 P.S.I. Maximum Temp. 127

INFORMATION

BLOW Strong gas to surface 2 min.

Did Well Flow X Yes No Recovery Total Ft. 5713 feet gas in pipe 10 feet dislite

Reversed Out Yes X No Mud Type Starch Viscosity 60 Weight 9.8 Water Loss 9.2 cc. Chlorides

EXTRA EQUIPMENT: Type Circ. Sub Plug Safety Joint No Jars: Size In. Make WTC Ser. No. 408

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

DRILLING CONTRACTOR Damac Length Drill Pipe? 4849 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ F.H. In.

Length Weight Pipe 500 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4½XH In. Length Drill Collars 311 Ft. I.D. Drill Collars 2.2 In.

Tool Joint Size 4½H-90 In. Length D.S.T. Tool 63 Ft.

Remarks: Bottle # 624

K.G.S. LIBRARY

8-35-22W

FORM WTC 3

WESTERN TESTERS

P. O. BOX 793
GREAT BEND, KANSAS

COMPANY Robert L. Haynie LEASE & WELL NO. Tuttle #2

TEST NO. 1 INTERVAL TESTED FROM 5662' TO 5723'

TIME PRE-FLOW	MAX PRESS. P.S.I.	DESCRIPTION OF FLOW
5 min.	13lb.	2,630,000 C.F.P.D. 2"
15 "	32 lb.	4,450,000 C.F.P.D. 2"
SECOND FLOW		
10 min.	42 lb.	5,400,000 C.F.P.D. 2"
20 "	48 lb.	6,000,000 " "
30 "	50 lb.	6,160,000 " "
40 "	50 lb.	6,160,000 " "
50 "	50 lb.	6,160,000 " "
60 "	50 lb.	6,160,000 " "

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

REMARKS Bottle # 621

FORM NO. WTC-6

K. G. S. LIBRARY

WESTERN TESTING CO., INC.
Pressure Data

Date 5-4-74 Test Ticket No. 20449

Recorder No. 3086 Capacity 4500 Location 5670 Ft.

Clock No. 6896 Elevation 1979 Kelly Bushings Well Temperature 127 °F

Point	Pressure	
A Initial Hydrostatic Mud	3102	P.S.I.
B First Initial Flow Pressure	667	P.S.I.
C First Final Flow Pressure	832	P.S.I.
D Initial Closed-in Pressure	1965	P.S.I.
E Second Initial Flow Pressure	867	P.S.I.
F Second Final Flow Pressure	1012	P.S.I.
G Final Closed-in Pressure	1924	P.S.I.
H Final Hydrostatic Mud	2881	P.S.I.

	Time Given	Time Computed
Open Tool	7:42 A. M	
First Flow Pressure	15 Mins.	15 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

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

Point Mins.	Press.
P 1 0	667
P 2 5	718
P 3 10	821
P 4 15	832
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: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	832
3	1887
6	1926
9	1940
12	1945
15	1949
18	1954
21	1955
24	1955
27	1956
30	1957
33	1958
36	1959
39	1959
42	1960
45	1961
48	1962
51	1963
54	1964
57	1965
60	1965

Second Flow Pressure

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

Point Minutes	Press.
0	867
5	888
10	923
15	963
20	994
25	1010
30	1019
35	1012
40	1012
45	1012
50	1012
55	1012
60	1012

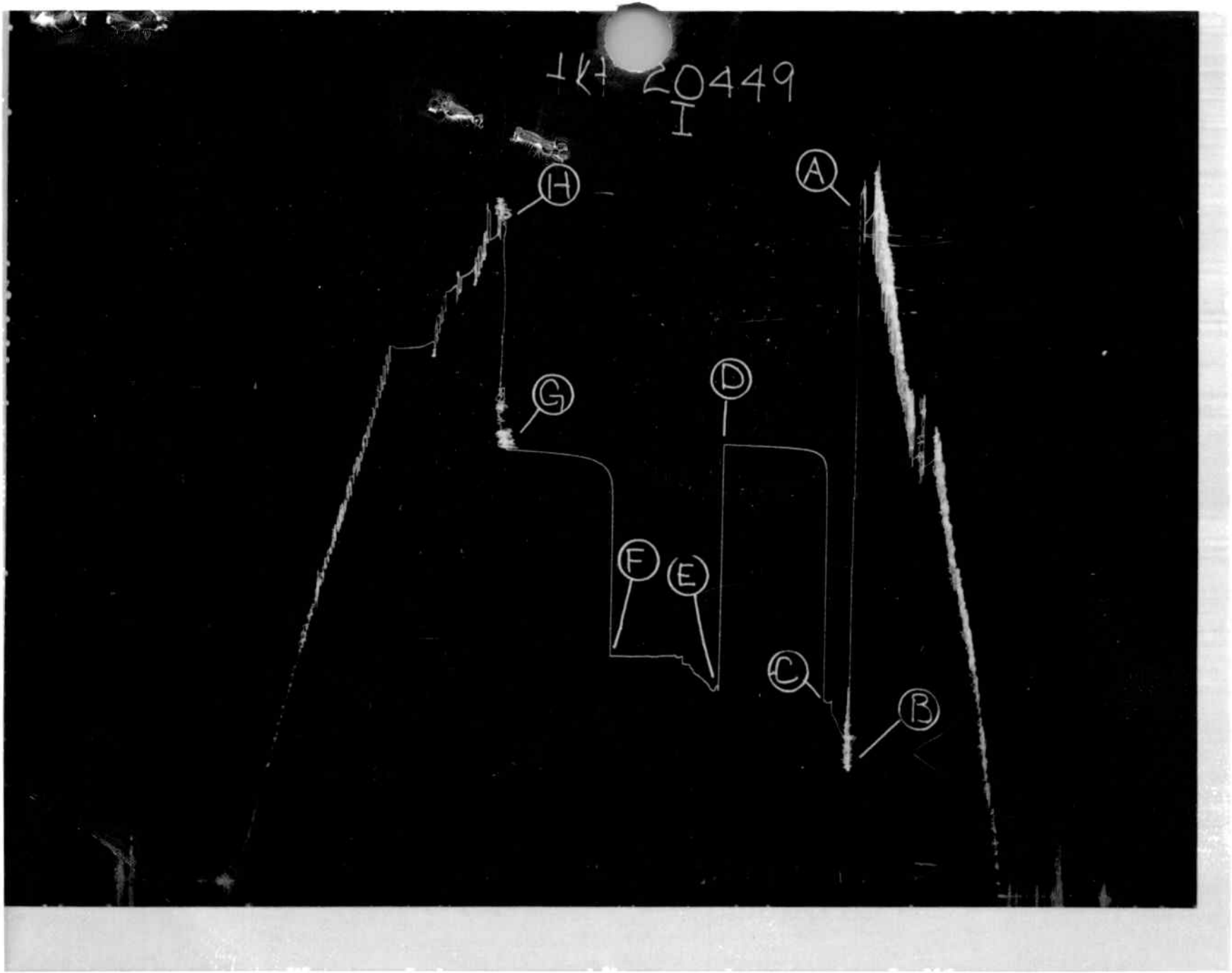
Final Shut-In

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

Point Minutes	Press.
0	1012
3	1815
6	1854
9	1871
12	1882
15	1891
18	1896
21	1898
24	1903
27	1905
30	1908
33	1911
36	1914
39	1917
42	1921
45	1922
48	1922
51	1923
54	1923
57	1924
60	1924

WTC - 4

K.G.S. LIBRARY


IKT 20449
I
H
A
G
D
F
E
C
B