



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

Company E. G. Bradley Lease & Well No. Berghaus # 1
Elevation 2584 Derrick Floor Formation Morrow Effective Pay ----- Ft. Ticket No. 7198
Date 10-16-67 Sec. 10 Twp. 33 Range 29 County Meade State Kansas
Test Approved by Geo. R. Shaw Western Representative Leon Elmore

Formation Test No. 1 O.K. Misrun Interval Tested From 5685' to 5699' Total Depth 5728'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Packer Depth Ft. Size Packer Depth 5685 Ft. Size 6 3/4
Straddle Yes No Conv. B.T. Damaged Yes No
Packer Depth 5699 Ft. Size 6 3/4
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 14 Ft. Size 5 1/2" OD

RECORDERS Depth 5690 Ft. Clock No. 6799 Depth 5693 Ft. Clock No. 6897
Top Make Kuster Cap. 4500 No. 3085 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside
Below Straddle: Depth 5728 Clock No. 139 Inside Outside Depth ----- Ft. Clock No. ----- Inside Outside
Top Make WTC Cap. 4000 No. 35 Inside Outside Bottom Make ----- Cap. ----- No. ----- Inside Outside

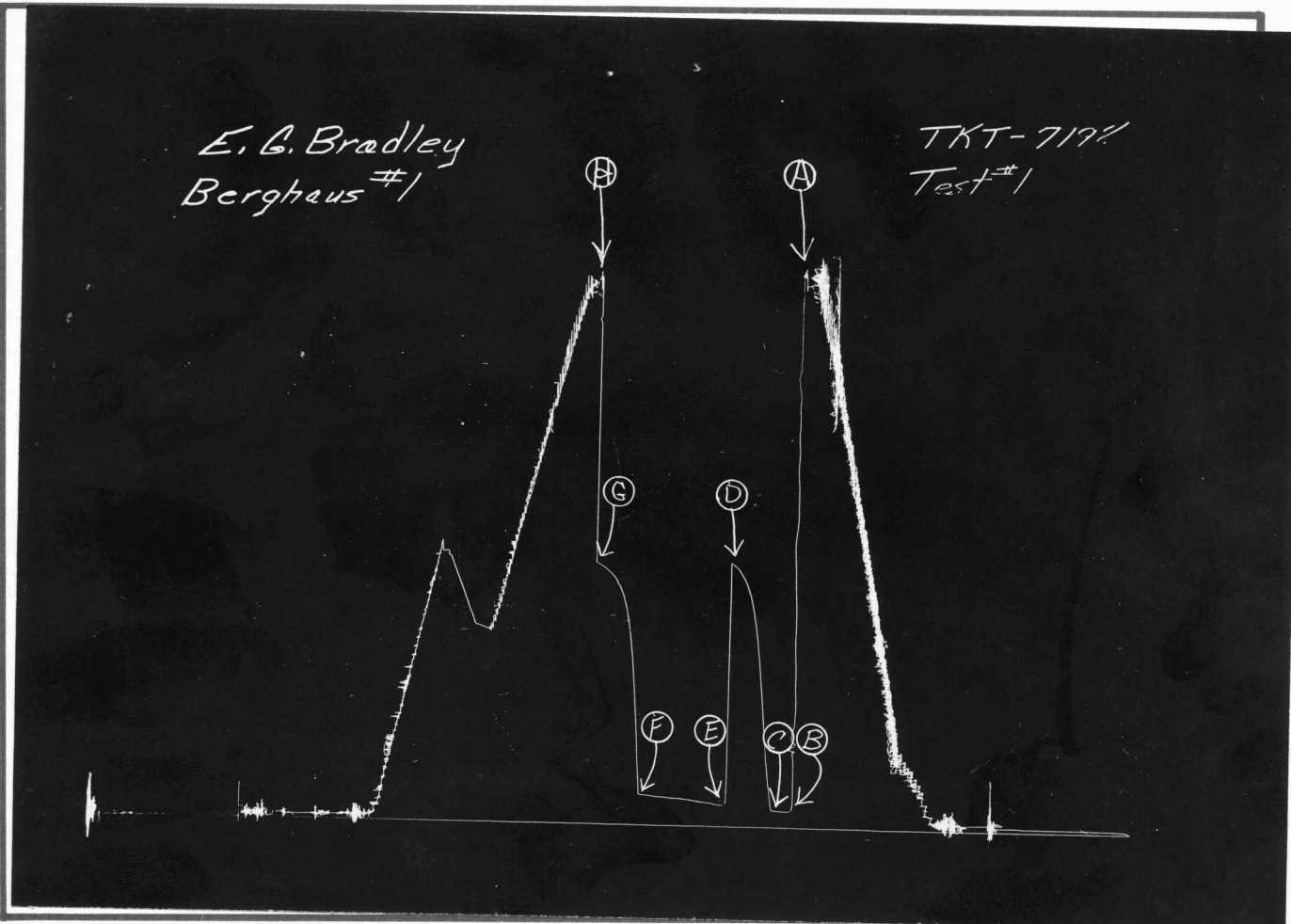
Time Set Packer 2:53 P. M
Tool Open I.F.P. From 2:55 M. to 3:10 M. Hr. 15 Min. From (B) 43 P.S.I. To (C) 52 P.S.I.
Tool Closed I.C.I.P. From 3:10 M. to 3:40 p M. Hr. 30 Min. (D) 1342 P.S.I.
Tool Open F.F.P. From 3:40 M. to 4:40 p M. 1 Hr. -- Min. From (E) 74 P.S.I. To (F) 131 P.S.I.
Tool Closed F.C.I.P. From 4:40 M. to 5:10 p M. Hr. 30 Min. (G) 1339 P.S.I.
Initial Hydrostatic Pressure (A) 2789 P.S.I. Final Hydrostatic Pressure (H) 2767 P.S.I.

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

BLOW Strong. Bottom Choke Size 3/4 In.
Did Well Flow Yes No Recovery Total Ft. 190 feet oil and gas cut mud; 60 feet oil cut water; 120 feet water.

Reversed Out Yes No Mud Type starch Viscosity 46 Weight 9.3 Water Loss ---- cc. Maximum Temp. 123 °F
EXTRA EQUIPMENT: Dual Packers Safety Joint Jars: Size 4 1/2" OD Make WTC Ser. No. 405
Type Circ. Sub. plug Did Tool Plug? no Where? ----- Did Packer Hold? yes
Length Drill Pipe 5020 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ----- ft. I.D. Weight Pipe ----- in. Length Drill Collars 603 ft.
I. D. Drill Collars 2 1/2 in. Length D.S.T. Tool 65 ft.

Remarks Gas to surface in 28 minutes. Too small to measure.



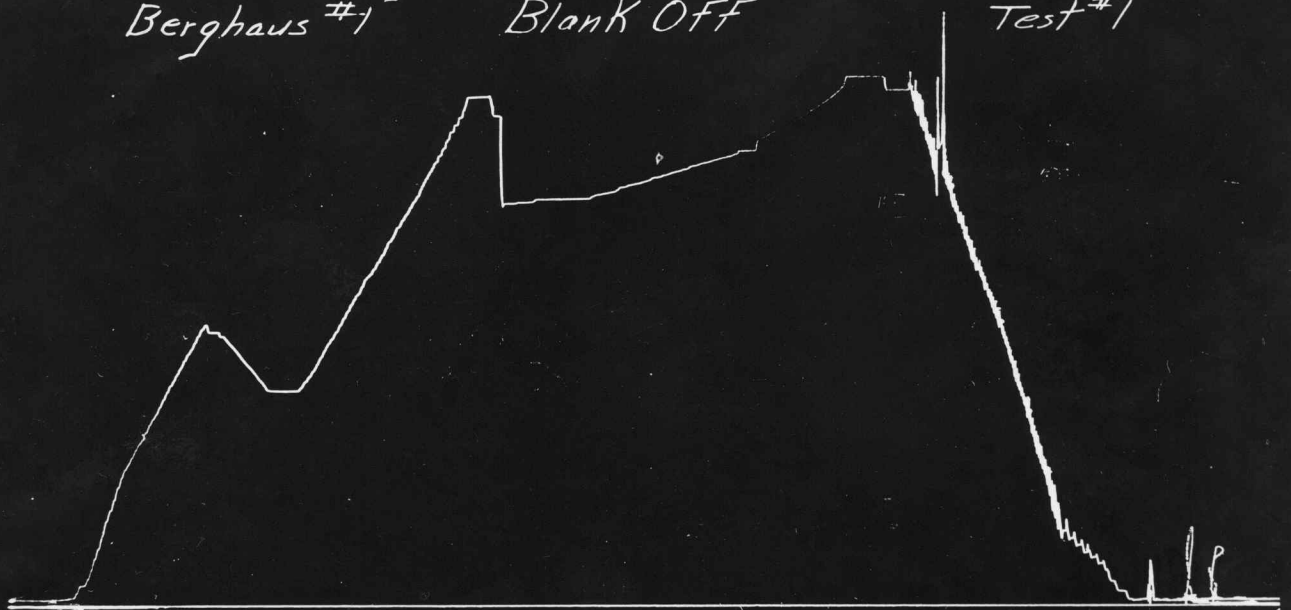
This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2805	2789	PSI
(B) First Initial Flow Pressure	47	43	PSI
(C) First Final Flow Pressure	59	52	PSI
(D) Initial Closed-in Pressure	1337	1342	PSI
(E) Second Initial Flow Pressure	71	74	PSI
(F) Second Final Flow Pressure	131	131	PSI
(G) Final Closed-in Pressure	1337	1339	PSI
(H) Final Hydrostatic Mud	2782	2767	PSI

E. G. Bradley
Berghaus #1

Blank OFF

TKT-7198
Test #1



WESTERN TESTING CO., INC.
Pressure Data

Date 10-16-67 Test Ticket No. 7198
 Recorder No. 3085 Capacity 4500 Location 5690 Ft.
 Clock No. 6799 Elevation 2584 Derrick Floor Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2789</u>	P.S.I.	<u>2:53 P.</u>	<u>M</u>
B First Initial Flow Pressure	<u>43</u>	P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>52</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1342</u>	P.S.I.	<u>60</u> Mins.	<u>59</u> Mins.
E Second Initial Flow Pressure	<u>74</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>131</u>	P.S.I.		
G Final Closed-in Pressure	<u>1339</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2767</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>--</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>--</u> Min.	Breakdown: <u>11</u> Inc. of <u>5</u> mins. and a final inc. of <u>4</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>--</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>43</u>	<u>0</u>	<u>52</u>	<u>0</u>	<u>131</u>
P 2 <u>5</u>	<u>45</u>	<u>3</u>	<u>229</u>	<u>5</u>	<u>518</u>
P 3 <u>10</u>	<u>50</u>	<u>6</u>	<u>461</u>	<u>10</u>	<u>832</u>
P 4 <u>15</u>	<u>52</u>	<u>9</u>	<u>687</u>	<u>15</u>	<u>1032</u>
P 5		<u>12</u>	<u>925</u>	<u>20</u>	<u>1154</u>
P 6		<u>15</u>	<u>1099</u>	<u>25</u>	<u>1219</u>
P 7		<u>18</u>	<u>1203</u>	<u>30</u>	<u>1261</u>
P 8		<u>21</u>	<u>1263</u>	<u>35</u>	<u>1289</u>
P 9		<u>24</u>	<u>1302</u>	<u>40</u>	<u>1314</u>
P10		<u>27</u>	<u>1326</u>	<u>45</u>	<u>1328</u>
P11		<u>30</u>	<u>1342</u>	<u>50</u>	<u>1339</u>
P12				<u>55</u>	
P13				<u>59</u>	
P14					
P15					
P16					
P17					
P18					
P19					
P20					