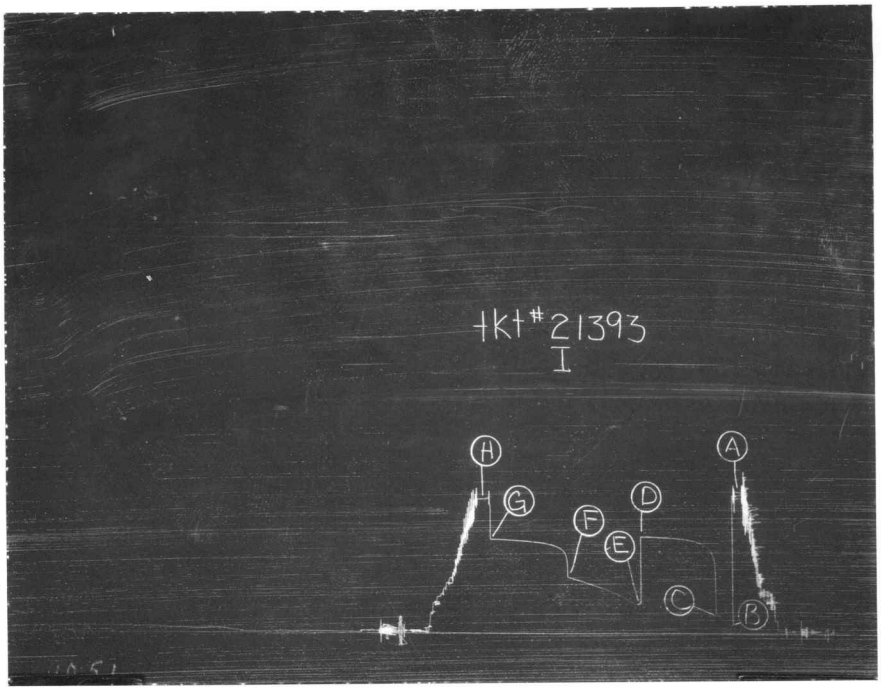
tkt# 21393
I
H
G
F
E
D
C
A
B

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

Company Petroleum Resources Lease & Well No. Stephenson-Shafer #1

Elevation 1175 Kelly Bush Formation Hoover Effective Pay - Ft. Ticket No. 21393

Date 3-26-75 Sec. 23 Twp. 33S Range 5E County Cowley State Kansas

Test Approved by George R. McNeish Western Representative Norman Allen

Formation Test No. 1 O.K. X Misrun - Interval Tested From 1600' to 1630' Total Depth 1630'

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

Top Packer Depth - Ft. Size - Bottom Packer Depth 1600 Ft. Size 6 3/4

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

Tool Size 4½OD Tool Joint Size 3½IF Anchor Length 30 Ft. Size 4½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 1623 Ft. Clock No. 10168 Depth 1626 Ft. Clock No. 10167

Top Make Kuster Cap. 4250 No. 1051 Inside Outside Bottom Make Kuster Cap. 4200 No. 3354 Inside Outside

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

Time Set Packer 1:43 A M

Tool Open I.F.P. From 1:45A M. to 2:00A M. - Hr. 15 Min. From (B) 45 P.S.I. To (C) 116 P.S.I.

Tool Closed I.C.I.P. From 2:00A M. to 3:00A M. - Hr. 60 Min (D) 561 P.S.I.

Tool Open F.F.P. From 3:00A M. to 4:00A M. - Hr. 60 Min. From (E) 183 P.S.I. To (F) 329 P.S.I.

Tool Closed F.C.I.P. From 4:00A M. to 5:00A M. - Hr. 60 Min. (G) 552 P.S.I.

Initial Hydrostatic Pressure (A) 804 P.S.I. Final Hydrostatic Pressure (H) 783 P.S.I. Maximum Temp. 89

INFORMATION

BLOW Fair blow diminishing to weak blow at end of test.

Did Well Flow - Yes X No Recovery Total Ft. 660' salt water.

Reversed Out - Yes X No Mud Type Chemical Viscosity 36 Weight 9.6 Water Loss 13.0 cc. Chlorides -

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

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

DRILLING CONTRACTOR DNB Drilling Company Length Drill Pipe? 505 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe 390 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4½XH In. Length Drill Collars 690 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4½XH In. Length D.S.T. Tool 45 Ft.

Remarks: Copy of fluid analysis to G. McNeish. Fluid checked 114,000 PPM chlorides .1 resistivity at 68 degrees Fahrenheit.

WESTERN TESTING CO., INC.
Pressure Data

Date 3-26-75 Test Ticket No. 21393

Recorder No. 1051 Capacity 4250 Location 1623

Clock No. 10168 Elevation 1175 Kelly Bushing 89 Ft.

Well Temperature °F

Point	Pressure		Time Given A	Time Computed
A Initial Hydrostatic Mud	804	P.S.I.		
B First Initial Flow Pressure	45	P.S.I.	Open Tool 15 M	15
C First Final Flow Pressure	116	P.S.I.	First Flow Pressure 60 Mins.	60 Mins.
D Initial Closed-in Pressure	561	P.S.I.	Initial Closed-in Pressure 60 Mins.	60 Mins.
E Second Initial Flow Pressure	183	P.S.I.	Second Flow Pressure 60 Mins.	60 Mins.
F Second Final Flow Pressure	329	P.S.I.	Final Closed-in Pressure Mins.	Mins.
G Final Closed-in Pressure	552	P.S.I.		
H Final Hydrostatic Mud	783	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure

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

Point Mins.	Press.
P 1 0	45
P 2 5	58
P 3 10	95
P 4 15	116
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 0 final inc. of Min.

Point Minutes	Press.
0	116
3	459
6	494
9	513
12	525
15	532
18	538
21	543
24	547
27	548
30	551
33	553
36	555
39	556
42	557
45	558
48	559
51	560
54	560
57	561
60	561

Second Flow Pressure

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

Point Minutes	Press.
0	183
5	174
10	194
15	217
20	234
25	249
30	265
35	278
40	290
45	303
50	316
55	323
60	329

Final Shut-In

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

Point Minutes	Press.
0	329
3	483
6	500
9	508
12	517
15	523
18	528
21	530
24	532
27	534
30	537
33	540
36	542
39	545
42	546
45	547
48	548
51	549
54	550
57	551
60	552

March 26, 1975

George R. McNeish
Box 734
Winfield, Kansas

Dear Mr. McNeish

This is your copy of the fluid analysis you requested on the Stephenson-Shafer #1 test.

Fluid checked 114,000 PPM chlorides .1 resistivity at 68 degrees Fahrenheit.

Sincerely

C. G. King
WESTERN TESTING CO.,INC.

CGK/kjs