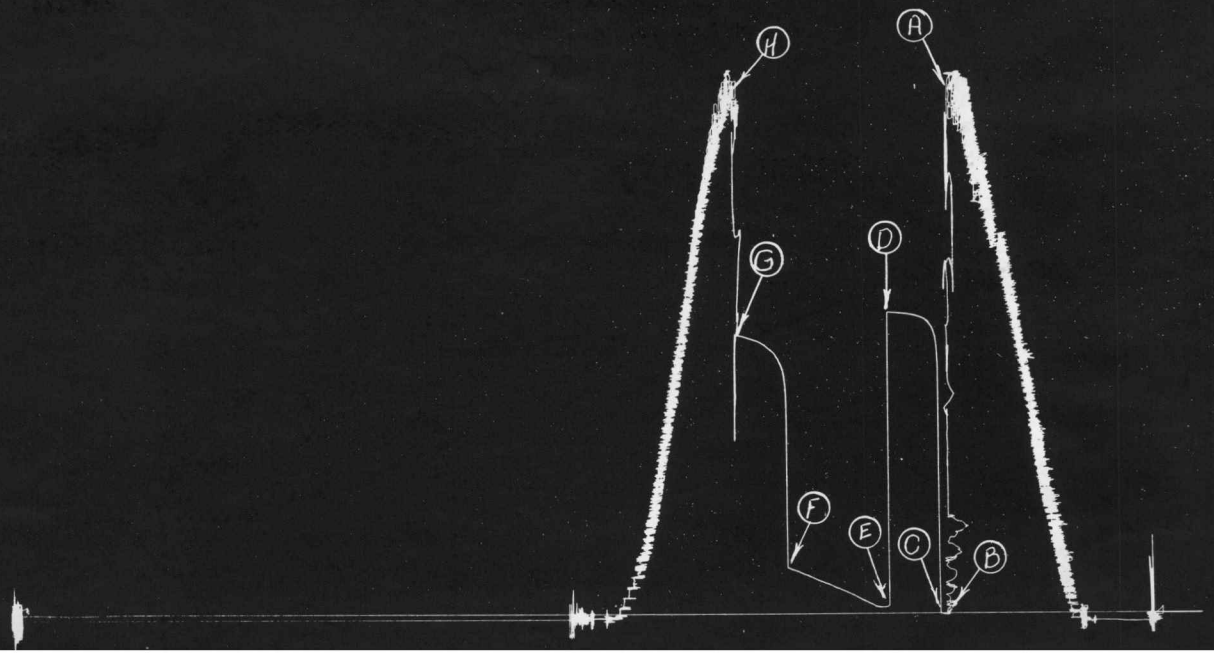
Pickrell Drlg. Co.
Mauth "C" #1

Test #1
TKT 5085



Home Office: Great Bend, Kansas

P. O. Box 793 GLadstone 3-7903

Company Pickrell Drilling Company Lease & Well No. Mauth #1-C

Elevation 2279 Derrick Floor Formation Miss. Ticket Number 5085

Date Oct.13,1965 Sec. 2 Twp. 20 Range 21 County Ness State Kansas

Test Approved by K. W. Johnson Western Representative Gerrell Veatch

---

Formation Test No. 1 O.K. x Misrun Interval Tested From 4422' to 4428' Total Depth 4428'

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 4418 Ft. Size 6 3/4 Packer Depth 4422 Ft. Size 6 3/4

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

Packer Depth Ft. Size

Tool Size 5½ OD Tool Jt. Size 5½ FH Anchor Length 6 Ft. Size 5½ OD

RECORDERS Depth 4414 Ft. Clock No. 6774 Depth 4425 Ft. Clock No. 143

A.P. Top Make Kuster Cap. 4300 No. 1567 Inside Outside Bottom Make Western Cap. 3600 No. 30 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 3:28P M

Tool Open I.F.P. From 3:30P M to 3:35 M Hr. 5 Min. From (B) 2 P.S.I. To (C) 4 P.S.I.

Tool Closed I.C.I.P. From 3:35 M. to 4:05 M. Hr. 30 Min. (D) 1344 P.S.I.

Tool Open F.F.P. From 4:05 M. to 5:05 M. 1 Hr. Min. From (E) 28 P.S.I. To (F) 203 P.S.I.

Tool Closed F.C.I.P. From 5:05 M. to 5:35 M. Hr. 30 Min. (G) 1247 P.S.I.

Initial Hydrostatic Pressure (A) 2330 P.S.I. Final Hydrostatic Pressure (H) 2319 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/8 In.		M.	
			M.	
			M.	

BLOW Good throughout test. Bottom Choke Size 3/4 In.

Did Well Flow Yes x No Recovery Total Ft. 540' total. 120' muddy salt water; 420 salt water Mud

Reversed Out Yes x No Mud Type gel Viscosity 46 Weight 9.9 Maximum Temp. 123 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint Jars: Size Make Ser. No.

Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes

Length Drill Pipe 3347 ft. I.D. Drill Pipe 3.7 in Length Weight Pipe 1050 ft. I.D. Weight Pipe 3.5 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 31 ft.

Remarks Kuster recorder above packer

WESTERN TESTING CO., INC.
Pressure Data

Date October 13, 1965 — Test Ticket No. 5085

Recorder No. 1567 — Capacity 4300 — Location 4414 Ft.

Clock No. 6774 — Elevation 2279 Derrick Floor — Well Temperature 123 °F

Point		Pressure		Time Given		Time Computed	
A	Initial Hydrostatic Mud	2330	P.S.I.	Opened Tool	3:28P M		
B	First Initial Flow Pressure	2	P.S.I.	First Flow Pressure	5 Mins.	5	Mins.
C	First Final Flow Pressure	4	P.S.I.	Initial Closed-in Pressure	30 Mins.	31	Mins.
D	Initial Closed-in Pressure	1344	P.S.I.	Second Flow Pressure	60 Mins.	60	Mins.
E	Second Initial Flow Pressure	28	P.S.I.	Final Closed-in Pressure	30 Mins.	32	Mins.
F	Second Final Flow Pressure	203	P.S.I.				
G	Final Closed-in Pressure	1247	P.S.I.				
H	Final Hydrostatic Mud	2319	P.S.I.				

PRESSURE BREAKDOWN

First Flow Press.
Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	2
P 2 5	4
P 3	
P 4	
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	4
3	1178
6	1268
9	1314
12	1322
15	1329
18	1335
21	1340
24	1344
27	1344
30	1344
31	1344

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

Point Minutes	Press.
0	28
5	28
10	38
15	58
20	75
25	95
30	110
35	127
40	142
45	159
50	174
55	192
60	203

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 2 Min.

Point Minutes	Press.
0	203
3	1049
6	1129
9	1167
12	1189
15	1204
18	1217
21	1225
24	1235
27	1240
30	1245
32	1247