WESTERN TESTERS

P. O. BOX 1599
WICHITA, KANSAS 67201

Company McCoy Petroleum Co. Lease & Well No. Orr #1

Elevation 1364 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 21344

Date 3-2-75 Sec. 23 Twp. 34S Range 7W County Harper State Kansas

Test Approved by Eldon J. Schierling Western Representative Forrest Purnell

Formation Test No. 1 O.K. X Misrun - Interval Tested From 4651' to 4701' Total Depth 4701'

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

Top Packer Depth 4651 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -

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

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 50 Ft. Size 5½OD & 3/4 Surface Choke Size 3/4 In. Bottom Choke Size In.

RECORDERS Depth 4693 Ft. Clock No. 6800 Depth 4695 Ft. Clock No. 6859

Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3150 No. 1565 Inside Outside

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

Time Set Packer 11:25 A M

Tool Open I.F.P. From 11:30A M. to 12:00P M. - Hr. 30 Min. From (B) 42 P.S.I. To (C) 42 P.S.I.

Tool Closed I.C.I.P. From 12:00P M. to 12:45P M. - Hr. 45 Min (D) 434 P.S.I.

Tool Open F.F.P. From 12:45P M. to 1:45P M. - Hr. 60 Min. From (E) 32 P.S.I. To (F) 32 P.S.I.

Tool Closed F.C.I.P. From 1:45P M. to 2:45P M. - Hr. 60 Min. (G) 469 P.S.I.

Initial Hydrostatic Pressure (A) 2376 P.S.I. Final Hydrostatic Pressure (H) 2274 P.S.I. Maximum Temp. 136

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 60' very slightly gas cut mud. 3000' odorless dead gas.

Reversed Out - Yes X No Mud Type Salt Viscosity 38 Weight 9.2 Water Loss 7.2 cc. Chlorides 30,000 PPM

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 Sweetman Drilling Co. Length Drill Pipe? 4399 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 236 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4"H-90 In. Length D.S.T. Tool 66 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 3-2-75 Test Ticket No. 21344

Recorder No. 1559 Capacity 4200 Location 4693 Ft.

Clock No. 6800 Elevation 1364 Kelly Bushing Well Temperature 136 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2376 P.S.I.	Open Tool	11:25 A M	
B First Initial Flow Pressure	42 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	42 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	434 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	32 P.S.I.	Final Closed-in Pressure	60 Mins.	57 Mins.
F Second Final Flow Pressure	32 P.S.I.			
G Final Closed-in Pressure	469 P.S.I.			
H Final Hydrostatic Mud	2274 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	42
P 2 5	42
P 3 10	42
P 4 15	42
P 5 20	42
P 6 25	42
P 7 30	42
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

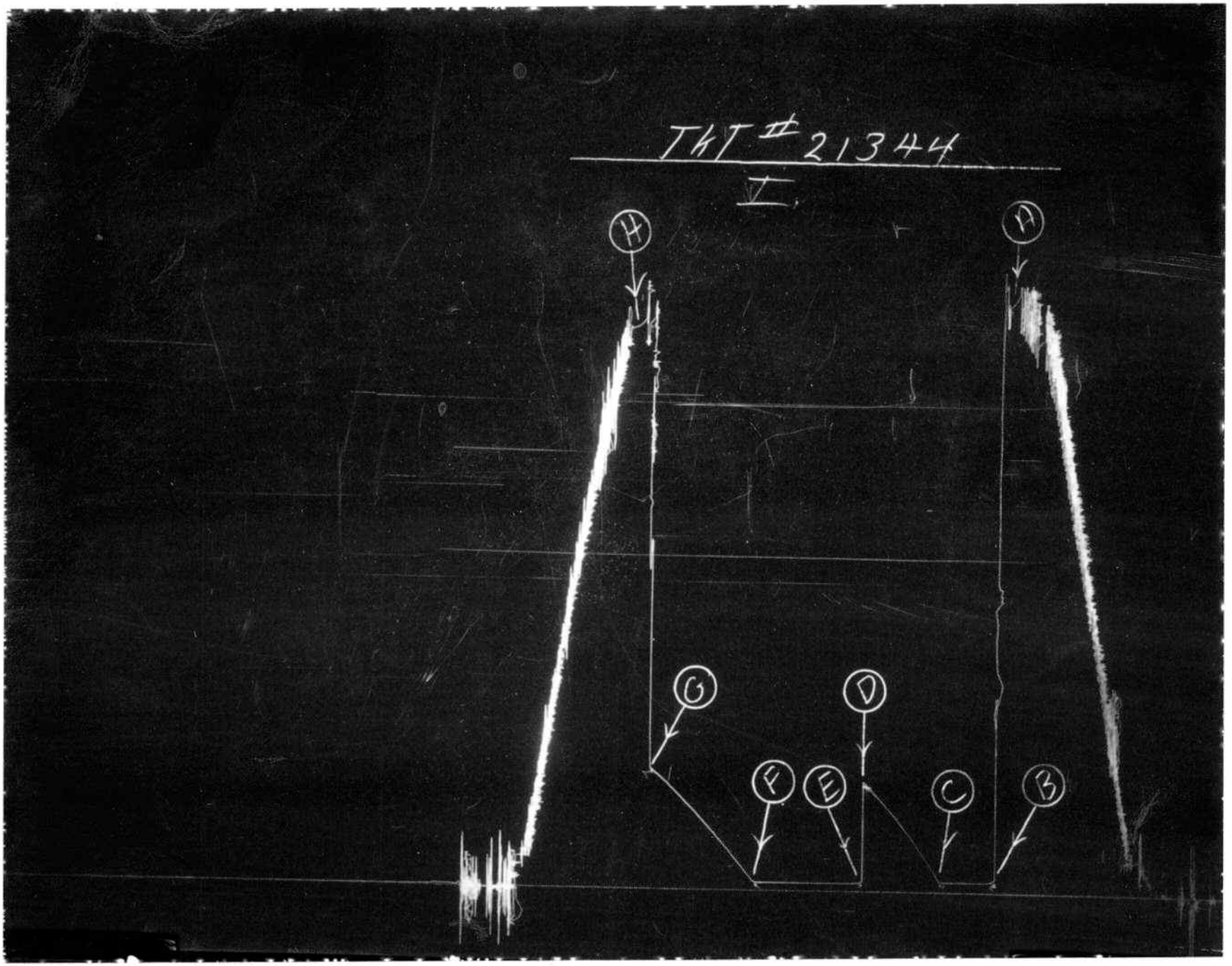
Point Minutes	Press.
0	42
3	69
6	98
9	133
12	163
15	195
18	224
21	249
24	278
27	301
30	326
33	351
36	374
39	397
42	421
45	434

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

Point Minutes	Press.
0	32
5	32
10	32
15	32
20	32
25	32
30	32
35	32
40	32
45	32
50	32
55	32
60	32

Final Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	32
3	54
6	77
9	105
12	132
15	159
18	183
21	207
24	231
27	254
30	278
33	302
36	324
39	346
42	370
45	391
48	414
51	433
54	453
57	469


TKT # 21344
I
H
A
G
D
F
E
C
B