Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company C.R. McClelland Lease & Well No. G. Williams #1

Elevation 1401 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 24576

Date 12-22-76 Sec. 32 Twp. 29S Range 6E County Butler State Kansas

Test Approved by D. Seeber Western Representative Bill Baker

Formation Test No. 1 O.K. X Misrun - Interval Tested From 2834' to 2850' Total Depth 2850'

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

Top Packer Depth - Ft. Size - Bottom Packer Depth 2834 Ft. Size 6 3/4

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

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 16 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4

RECORDERS Depth 2843 Ft. Clock No. 10167 Depth 2846 Ft. Clock No. 8475

Top Make Kuster Cap. 3150 No. 1565 Inside Outside Bottom Make Kuster Cap. 3150 No. 1562 In Out

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

Time Set Packer 12:28A. M

Tool Open I.F.P. From 12:30A M. to 1:00A M. = Hr. 30 Min. From (B) 17 P.S.I. To (C) 24 P

Tool Closed I.C.I.P. From 1:00A M. to 1:30A M. - Hr. 30 Min (D) 815 P.

Tool Open F.F.P. From 1:30A M. to 2:30A M. - Hr. 60 Min. From (E) 39 P.S.I. To (F) 34 P.

Tool Closed F.C.I.P. From 2;30A M. to 3:15A M. - Hr. 45 Min. (G) 588 P.

Initial Hydrostatic Pressure (A) 1457 P.S.I. Final Hydrostatic Pressure (H) 1433 P.S.I. Maximum Temp. 110

INFORMATION

BLOW Very weak throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 30' of very slightly oil cut mud.

Reversed Out - Yes X No Mud Type Chem Viscosity 40 Weight 9.6 Water Loss 12.0 cc. Chlorides 2,000 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 White & Ellis Drlg. Length Drill Pipe? 1664 Ft. I.D. Drill Pipe 3.9 In. Tool Joint Size 4½I

Length Weight Pipe 977 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4½IF In. Length Drill Collars 209 Ft. I.D. Drill Collars 2 1/4

Tool Joint Size 4"H-90 In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 12-22-76 Test Ticket No. 24576

Recorder No. 1565 Capacity 3150 Location 2843 Ft.

Clock No. 10167 Elevation 1401 Kelly Bushing Well Temperature 110 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1457	P.S.I.	Open Tool	12:28A. M	
B	First Initial Flow Pressure	17	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	24	P.S.I.	Initial Closed-in Pressure	30 Mins.	27 Mins.
D	Initial Closed-in Pressure	815	P.S.I.	Second Flow Pressure	60 Mins.	70 Mins.
E	Second Initial Flow Pressure	36	P.S.I.	Final Closed-in Pressure	45 Mins.	36 Mins.
F	Second Final Flow Pressure	34	P.S.I.			
G	Final Closed-in Pressure	588	P.S.I.			
H	Final Hydrostatic Mud	1433	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	17
P 2	5	19
P 3	10	20
P 4	15	20
P 5	20	22
P 6	25	23
P 7	30	24
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In

Breakdown: 9 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	24
	3	31
	6	45
	9	78
	12	146
	15	309
	18	531
	21	680
	24	777
	27	815

Second Flow Pressure

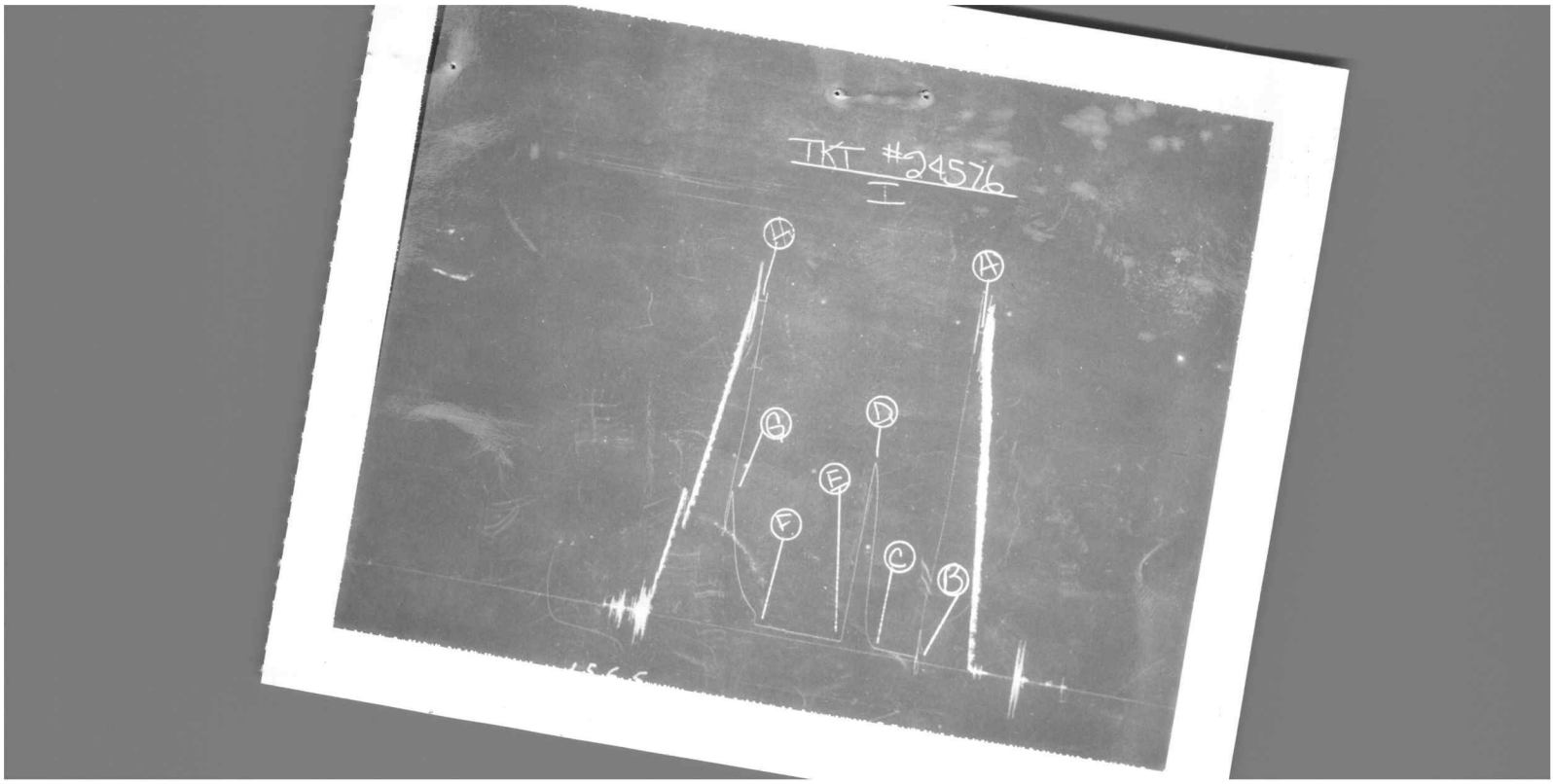
Breakdown: 14 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	36
	5	27
	10	27
	15	28
	20	28
	25	28
	30	30
	35	30
	40	30
	45	30
	50	32
	55	33
	60	33
	65	34
	70	34

Final Shut-In

Breakdown: 12 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	34
	3	96
	6	110
	9	130
	12	147
	15	174
	18	210
	21	252
	24	301
	27	365
	30	440
	33	522
	36	588


TKT #24576
A
B
C
D
E
F