15-163-21474

29-10s-18w

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Rockwood Petroleum Company Lease & Well No. Dauwe #2

Elevation 2100Kelly Bushing Formation Topeka Effective Pay - Ft. Ticket No. 12442

Date 11/4/81 Sec. 29 Twp. 10S Range 18W County Rooks State Kansas

Test Approved by E. McNeil Western Representative Clyde Scheffe

Formation Test No. 1 Interval Tested from 3257 ft. to 3267 ft. Total Depth 3267 ft.

Packer Depth 3252 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3257 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3259 ft. Recorder Number 1561 Cap. 3200

Bottom Recorder Depth (Outside) 3262 ft. Recorder Number 1134 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Ramco Drlling Rig #1 Drill Collar Length 187 I. D. 2.25 in.

Mud Type starch-premix Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3030 I. D. 3.8 in.

Chlorides 42,000 P.P.M. Test Tool Length 30 ft. Tool Size 5½OD in.

Jars: Make WTC Serial Number 420 Anchor Length 10 ft. Size 5½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Initial flow period weak increasing to fair. Final flow period weak increasing to strong.

			Oil	Gas	Mud	Water
Recovered 10 ft. of	oil cut mud					
Recovered 240 ft. of	oil specked salt water	Samples #1	15%	10%	65%	10%
Recovered ft. of		#2	5%	20%	37%	38%
Recovered ft. of		#3	5%	15%	20%	60%
Recovered ft. of						

Remarks: Tool slid ten feet ; packers seeped on first opening.

Time Set Packer(s) 10:35 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 1:35 ~~A.M.~~ P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure (A) 1676 P.S.I.

Initial Flow Period Minutes 30 (B) PACKER LEAK P.S.I. to (C) 102 P.S.I.

Initial Closed In Period Minutes 45 (D) 1133 P.S.I.

Final Flow Period Minutes 55 (E) 121 P.S.I. to (F) 144 P.S.I.

Final Closed In Period Minutes 42 (G) 1113 P.S.I.

Final Hydrostatic Pressure (H) 1676 P.S.I.

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 11/4/81 Test Ticket No. 12442

Recorder No. 1561 Capacity 3200 Location 3259 Ft.

Clock No. - Elevation 2100 Kelly Bushing Well Temperature 112 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1676 P.S.I.	Open Tool	10:35A M	
B	First Initial Flow Pressure	PACKER LEAK P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	102 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1133 P.S.I.	Second Flow Pressure	60 Mins.	55 Mins.
E	Second Initial Flow Pressure	121 P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F	Second Final Flow Pressure	144 P.S.I.			
G	Final Closed-in Pressure	1113 P.S.I.			
H	Final Hydrostatic Mud	1676 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	PACKER LEAK
P 2 5	PACKER LEAK
P 3 10	PACKER LEAK
P 4 15	99
P 5 20	98
P 6 25	100
P 7 30	102
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	102
3	1050
6	1075
9	1091
12	1099
15	1106
18	1110
21	1118
24	1121
27	1124
30	1126
33	1128
36	1130
39	1131
42	1132
45	1133

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	121
5	121
10	121
15	121
20	121
25	125
30	127
35	133
40	135
45	137
50	140
55	144

Final Shut-In
Breakdown: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	144
3	992
6	1033
9	1051
12	1064
15	1072
18	1079
21	1087
24	1093
27	1097
30	1102
33	1105
36	1108
39	1111
42	1113

1561 [redacted] 11-4-81 [redacted] Rockwood Petro. Dawne #1

TKT # 12442

DST #1

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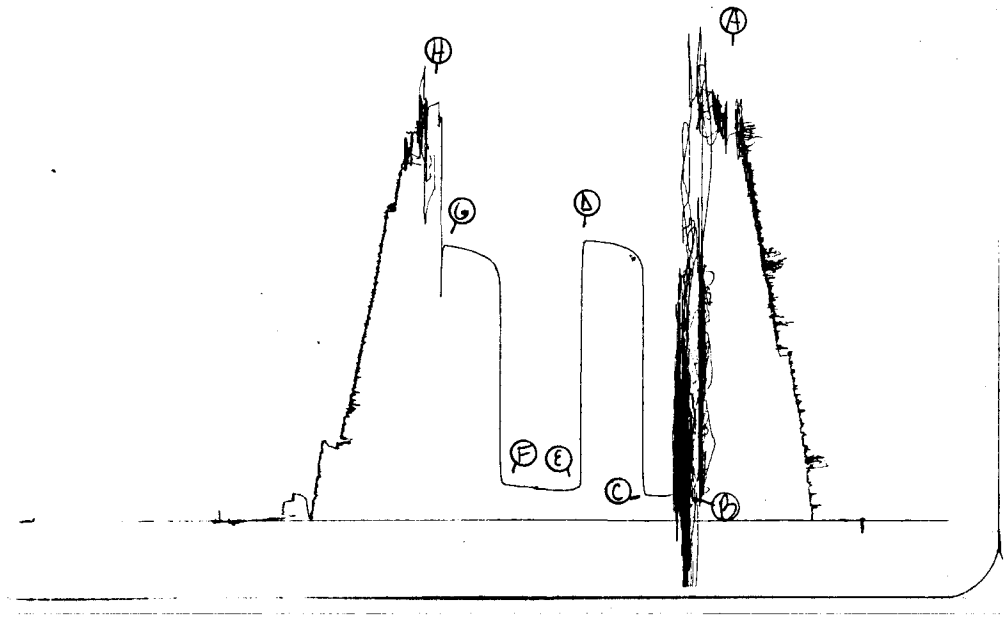

This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1580	1676	PSI
(B)	First Initial Flow Pressure	86	PACKER LEAK	PSI
(C)	First Final Flow Pressure	102	102	PSI
(D)	Initial Closed-in Pressure	1125	1133	PSI
(E)	Second Initial Flow Pressure	117	121	PSI
(F)	Second Final Flow Pressure	141	144	PSI
(G)	Final Closed-in Pressure	1101	1113	PSI
(H)	Final Hydrostatic Mud	1580	1676	PSI