

J-10-30N 1170

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Well : DECKER NO. 7

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Field : BLANCO PICTURED CLIFFS

File 2-8952-FT&BU

GAS PRODUCTION DATA

Date of Test	October 5, 1978
Rate No.	1
Choke Size (Inch)	1/2"
Flow Time Used for Calculations (Hours)	Final
Size Line (Inch)	2
Size Orifice (Inch)	1/2"
Flowing Temperature ($^{\circ}$ F)	60
Gas Gravity (Estimated)	0.650
Temperature Base ($^{\circ}$ F)	60
Pressure Base (Psia)	15.025
Coefficient (MCF/D)	4.279
Static Pressure (P_m) (Psia)	103
Supercompressibility Factor (F_{py})	1.000
Flowing Temperature Factor (F_{tf})	1.000
Specific Gravity Factor (F_g)	1.240
GAS VOLUME (MCF/D)	547



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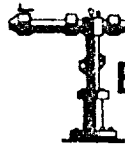
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Field : BLANCO PICTURED CLIFFS

File 2-8952-FT&BU

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1978 Date	Status of Well	Time	Elapsed Time Hrs. Min.	Daily Rate Gas MCF/D	Wellhead Pressure Tbg. Csg.	BHP @ 2920' Psig
10-5	Well Flowing	09:00	24 00			
"	Gradient Traverse					
"	Inst. @ 2920'	10:15		552	No 92	
"	"	10:30		547	91	120
"	Shut-in for build					
"	up	10:30	0 00			
"	"	10:36	0 06			168
"	"	10:42	0 12			199
"	"	10:48	0 18			225
"	"	10:54	0 24			254
"	"	11:00	0 30			275
"	"	11:06	0 36			293
"	"	11:12	0 42			307
"	"	11:18	0 48			323
"	"	11:24	0 54			336
"	"	11:30	1 00			350
"	"	12:00	1 30			407
"	"	12:30	2 00			457
"	"	13:30	3 00			527
"	"	14:30	4 00			573
"	"	15:30	5 00			629
"	"	16:30	6 00			666
"	"	17:30	7 00			698
"	"	18:30	8 00			725
"	"	19:30	9 00			752
"	"	20:30	10 00			770
"	"	22:30	12 00			816
10-6	"	00:30	14 00			859
"	"	02:30	16 00			890
"	"	04:30	18 00			920
"	"	06:30	20 00			943
"	"	08:30	22 00			961
"	Pulled inst.	10:00	23 30		890	975



EFTELLER, INC.

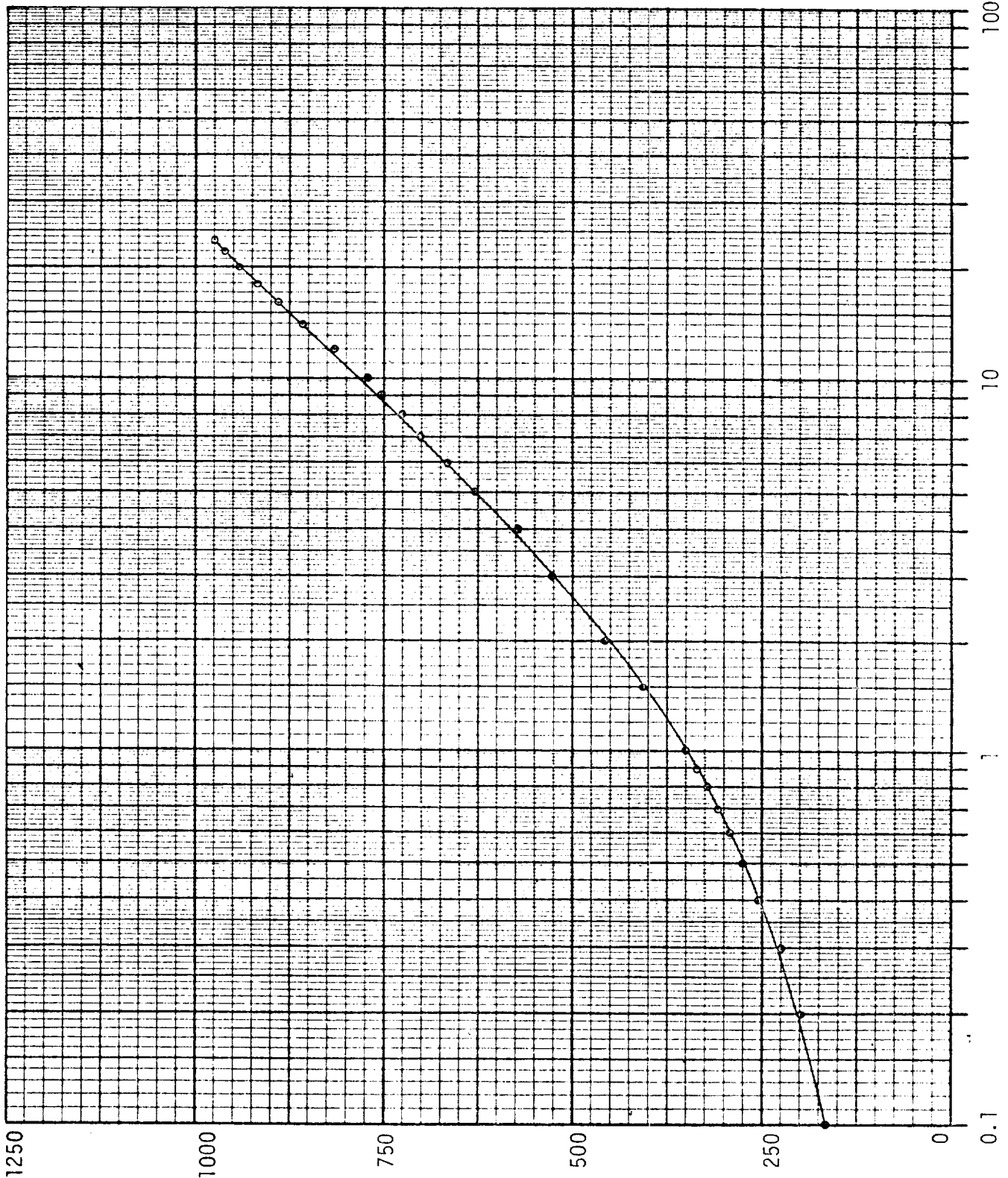
reservoir engineering data

MIDLAND, TEXAS

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Company GREAT WESTERN DRILLING COMPANY Formation PICTURED CLIFFS
Well DECKER NO. 7 County SAN JUAN
Field BLANCO PICTURED CLIFFS State NEW MEXICO

BUILD UP CURVE





reservoir engineering data

MIDLAND, TEXAS

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Company GREAT WESTERN DRILLING COMPANY Lease DECKER Well No. 7
Field BLANCO PICTURED CLIFFS County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date OCTOBER 5, 1978

Status of Well Flowing 2" x 1½" CFP.

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	91	
1000	101	0.010
2000	111	0.010
2920*	120	0.010

* Mid-Perf

160

140

120

100

80

60

40

20

0

Datum Pressure

Psig

Elev. 6390 GL Datum Ft.
Total Depth 2988 Perf. 2892-2946 Ft.
Tubing in. to Ft.
Casing 4 1/2 in. to 3035 Ft.
Casing Press. Tubing Press. 91
Oil Level Water Level
Temperature 120 °F @ 2920 Ft.
Element No. 14441 Range 0-4600
Last Test Date
Pressure Last Test Date Psig
B.H.P. Change Psi

DEPTH: FEET