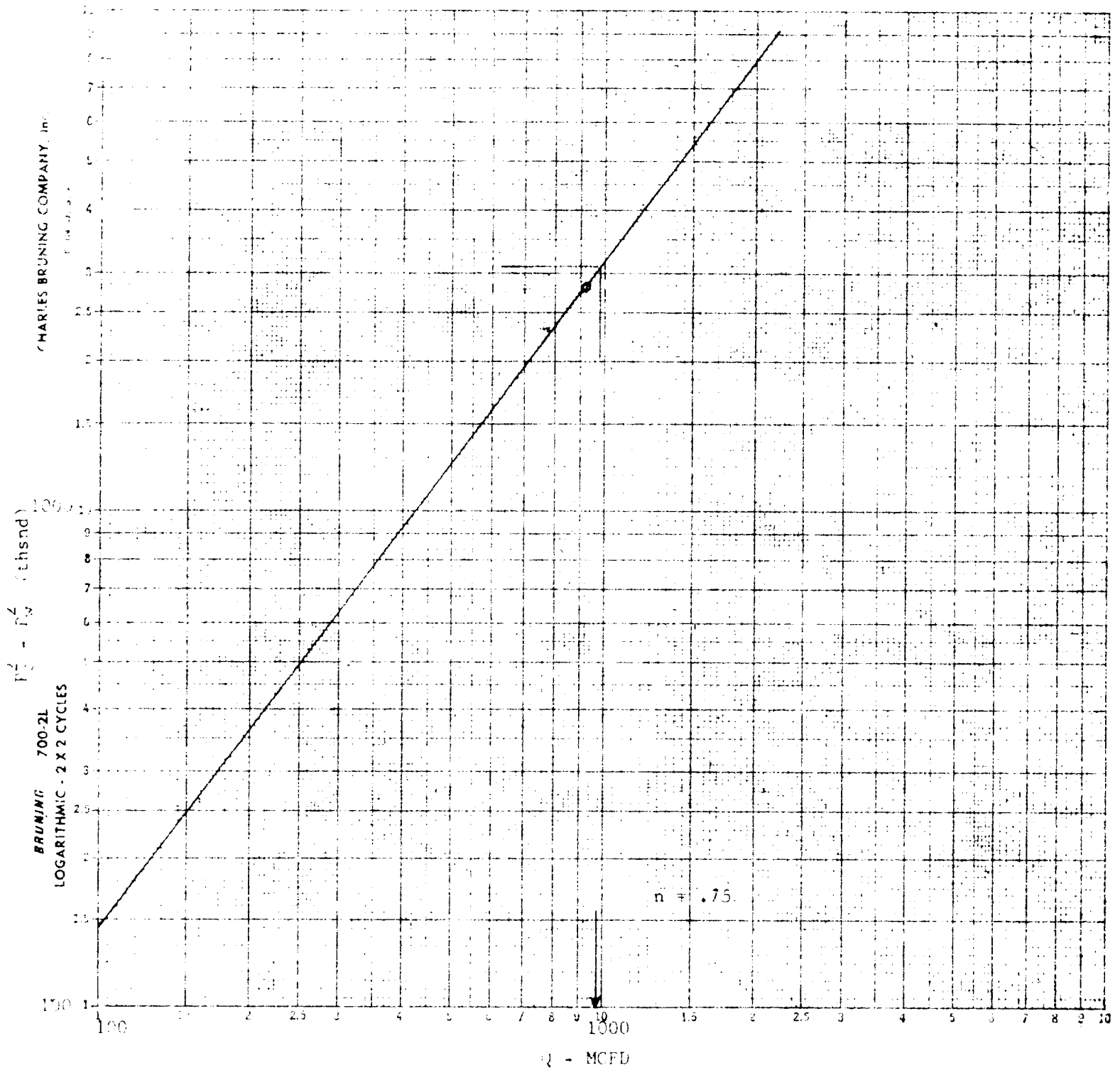


Monsanto Chemical Company
 NWP Well No. 1 - Dakota
 San Juan County, N. Mex.
 December 7, 1962



NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Basin Dakota Formation Dakota County San Juan
Initial _____ Annual _____ Special x Date of Test 12-7-62
Company Monsanto Chemical Company Lease NWP Well No. 1
Unit K Sec. 23 Twp. 30N Rge. 12W Purchaser El Paso Natural Gas Company
Casing 5½ Wt. 15.5 I.D. _____ Set at 6464 Perf. 6220 To 6270
Tubing 2 3/8 Wt. 4.7 I.D. _____ Set at 6220 Perf. _____ To _____
Gas Pay: From 6220 To 6270 L _____ xG _____ -GL .732 Bar.Press. _____
Producing Thru: Casing _____ Tubing x Type Well Dual - Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) Type Taps Flange

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
1.	2"	3/4	71		59	73	62	492	62	3
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wPF}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.2023		83	1.0010	.9047	1.005	921.8
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-S})
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1757 P_c² 3.087

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w / P _c
1.	504					254	2.833		.287
2.									
3.									
4.									
5.									

Absolute Potential: 980 MCFPD; n .75

COMPANY _____
ADDRESS _____
AGENT and TITLE _____
WITNESSED _____
COMPANY _____

REMARKS

