

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9-4-74	
Company Continental Oil Company				Connection None	
Pool Jalmat				Formation Yates	
Completion Date 9-4-74		Total Depth 3200		Plug Back TD	
Csg. Size 5 1/2		Wt. d		Set At 2870	
Tbg. Size 2 3/8		Wt. d		Set At 3182	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F 13.2	
Baro. Press. - P _a 13.2		State New Mexico			
L .3182	H	G _g .668 (Assumed)	% CO ₂	% N ₂	% H ₂ S
Prover 2"		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							260		250		24 hr.
1.	2	x	3/8	15		75	180		230		1 Hr.
2.	2	x	3/8	25		82	164		217		1 hr.
3.	2	x	3/8	33		87	151		208		1 Hr.
4.	2	x	3/8	44		88	136		196		1 hr.
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	2.378		28.2	.9859	1.231	Nil	81
2	2.378		38.2	.9795	1.231	Nil	110
3	2.378		46.2	.9750	1.231	Nil	132
4	2.378		57.2	.9741	1.231	Nil	163
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.04	535	1.41	Nil	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.	.06	542	1.43	Nil	Specific Gravity Separator Gas .660
3.	.07	547	1.45	Nil	Specific Gravity Flowing Fluid X X X X X
4.	.09	548	1.45	Nil	Critical Pressure 670 P.S.I.A.
5.					Critical Temperature 378 R

NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	273.2	74.6	5568.16	15.5	2.422	2.422
2		243.3	59.1	21.6		
3		230.2	53.0	25.7		
4		221.2	48.9	30.8		
5		209.2	43.8			

Absolute Open Flow 395 Mcfd @ 15.025 Angle of Slope 450 Slope, n 1.000

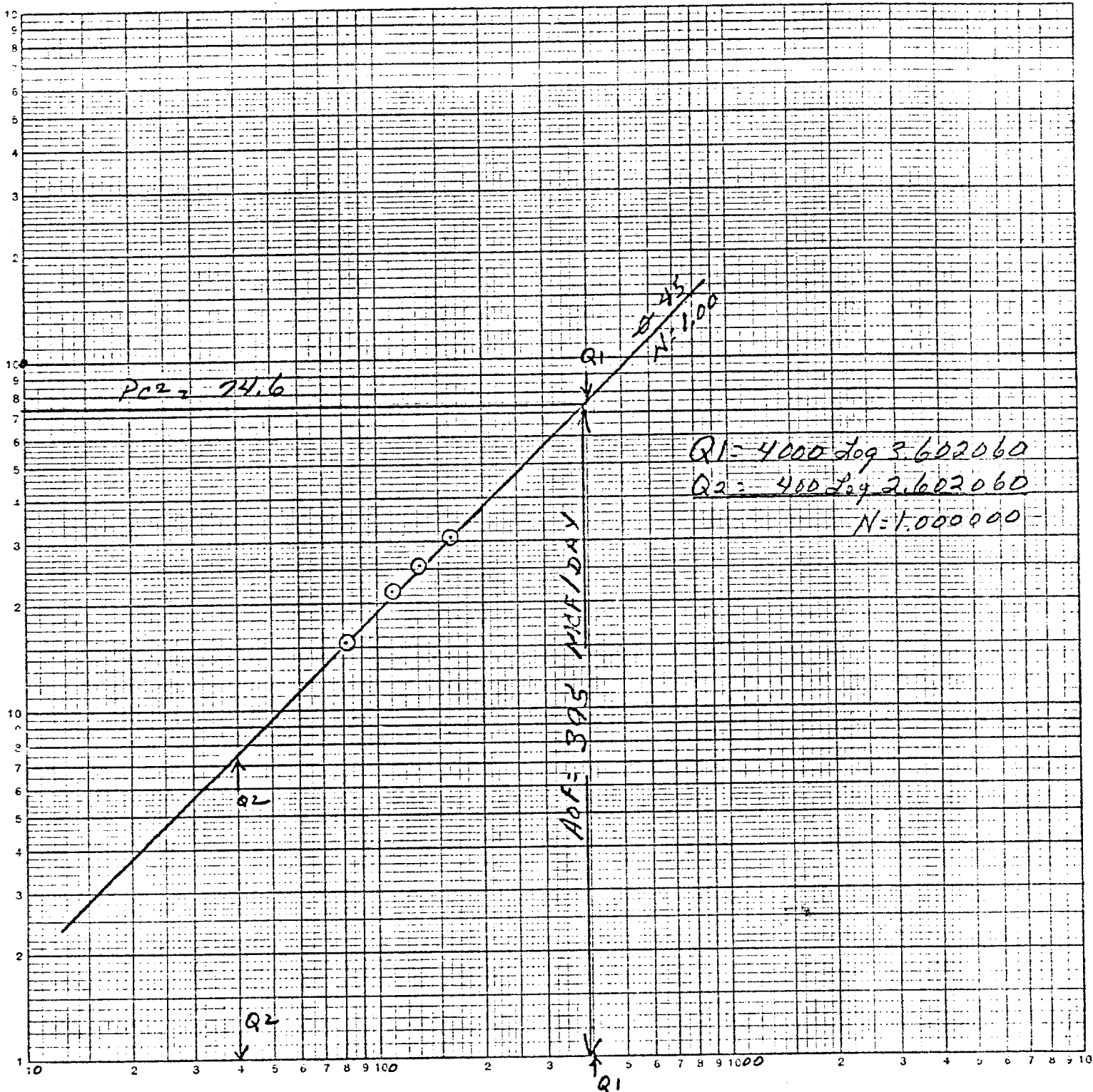
Remarks: No fluid was made during test.

Approved By Commission 	Conducted By: Reggie Reston	Calculated By: Reggie Reston	Checked By:
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Lea County, N.Mex.

$P_c^2 - P_w^2$ in (000's)

LOGARITHMIC
3 X 3 CYCLES
KEUFEL & ESSER CO.
46 7400
MADE IN U.S.A.



$Q = \text{Mcf/Day}$

$AOF = 395 \text{ Mcf/Day}$