

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pool South Blanco Formation Pictured Cliffs County Rio Arriba
Initial Yes Annual _____ Special _____ Date of Test 12-29-57
Company Caulkins Oil Company Lease Breesh Well No. PC 312
Unit N Sec. 18 Twp. 26N Rge. 6W Purchaser Southern Union Gas Company
Casing 4 1/2 Wt. 9.5# I.D. 4.090 Set at 3001 Perf. 2927 To 2986
Tubing 2 3/8 Wt. 4.7 I.D. 1.995 Set at 2925 Perf. _____ To _____
Gas Pay: From 2920 To 2986 L 2925 xG .660 -GL 1930 Bar.Press. 12.00
Producing Thru: Casing No Tubing Yes Type Well Single Gas
Date of Completion: 12-22-57 Packer _____ Reservoir Temp. _____
Single-Bradenhead-G. G. or G.O. Dual

OBSERVED DATA

Tested Through 1054333 (Choke) 1054333 Type Taps _____

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.	
SI						834		834		7 day SI
1.		3/4"	1054		36°	1054	36°	277	36°	3 hrs.
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	14.1605		117	1.0239	.9535	---	1617
2.							
3.							
4.							
5.							

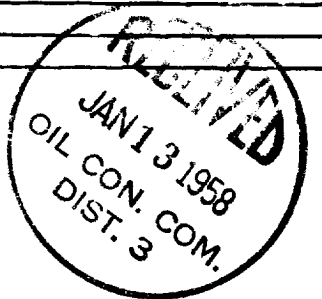
PRESSURE CALCULATIONS

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 _____ P_c² _____

No.	$\frac{P_w}{P_t}$ (psia)	P _t ²	F _c Q	(F _c Q) ²	$\frac{(F_c Q)^2}{(1-e^{-s})}$	P _w ²	P _c ² -P _w ²	Cal. P _w	$\frac{P_w}{P_c}$
1.						83.5	632.2		.342
2.									
3.									
4.									
5.									

Absolute Potential: 1772 MCFPD; n .75
COMPANY Caulkins Oil Company
ADDRESS Post Office Box 967, Farmington, New Mexico
AGENT and TITLE Frank J. Brey, Superintendent
WITNESSED Charles Veroner
COMPANY Caulkins Oil Company

REMARKS



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