

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco Formation Pictured Cliff County Rio Arriba
Initial x Annual _____ Special _____ Date of Test 8-24-58
Company Caulkins Oil Co. Lease Breech "C" Well No. PC - 328
Unit P Sec. 13 Twp. 26 N Rge. 6 W Purchaser Southern Union Gas Co.
Casing 5 1/2 Wt. 15.5 I.D. _____ Set at 3126 Perf. 3029 To 3084
Tubing 1 1/4 Wt. 2.4 I.D. 1.66 Set at 3047 Perf. 3047 To _____
Gas Pay: From 3028 To 3084 L 3047 xG .660 -GL 2011 Bar.Press. 12.00
Producing Thru: Casing _____ Tubing x Type Well Single Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 8-15-58 Packer none Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)

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						1000		1000		7 day S I
1.		3/4"	130		36.0	130	36.0	712		3 hrs.
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.							
2.	14.1605		142	1.0239	.9535	---	1963
3.							
4.							
5.							

PRESSURE CALCULATIONS

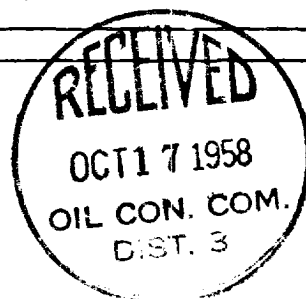
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

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.						524.1	500.0		.715
2.									
3.									
4.									
5.									

Absolute Potential: 3613 MCFPD; n (.085) 1.8407
COMPANY Caulkins Oil Company
ADDRESS P. O. Box 967, Farmington, New Mexico
AGENT and TITLE Frank Bray Field Supt.
WITNESSED James R. Gordon
COMPANY Southern Union Gas Co.

REMARKS



AZTEC DISTRICT

Mo. Copies Received

CONCLUSION

	NO:	
	DROPPED	
	/	
	/	
Give name first		
O G G S.	/	
Transferer		
File	/	✓