

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

Pool Fallard			Formator Pictured Cliffs			County Rio Arriba		
Initial X		Annual		Special		Date of Test June 13, 1966		
Company Florence & Florence				Lease Jicarilla Florence 'D'			Well No. 3	
Unit NE/4	Sec. 5	Twp. 23N	Range 4E	Purchaser El Paso Natural Gas Company				
Casing 2-7/8	Wt. 6.50	I.D. 2.441	Set at 2670	Perf. 2508	To 2632			
Tubing None	Wt.	I.D.	Set at	Perf.	To			
Gas Pay:	From 2528	To 2632	L 2617	G .650 (est)	GL 1701	Bar. Press. 12.0		
Producing Through:		Casing X	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single				
Date of Completion 6/6/66		Packer None		Reservoir Temp.				

OBSERVED DATA										
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	TC	.750	314		60			724		7 days
2.								314	60	3 hrs.
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-MCF PD @ 15.025 psia
1.	12.365		326	1.000	.9608	1.032	3997
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS									
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____				
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____				
F _c 5.551 (1-e ^{-S}) 0.116					P _c 736 P _c ² 541.696				

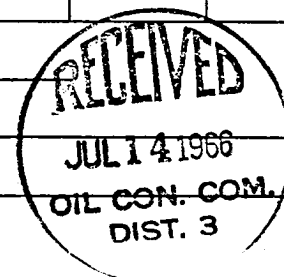
No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ⁴⁰⁴	P _c ² - P _w ²	Cal P _w	P P _c
1.	326	106.276	22.187	492.263	57.103	163.379	378.317	1.4310	1.3568
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **5,423** MCFPD: **n .850**

COMPANY **Florence & Florence** WITNESSED _____

ADDRESS _____ COMPANY _____

AGENT AND TITLE **Wayne B. Smith, Pres.**



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