

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 12-1-55

Pool Boain		Formation Dakota		County Big Horn	
Initial 1		Annual		Date of Test 1-17-67	
Company Jacinto L. Hurt		Lease San Juan 29-7		Well No. 100	
Unit 11	Sec. 6	Twp. 27N	Range 7W	Purchaser	
Casing 4 1/2	Wt. 10.5	I.D.	Set at 7630	Perf. 7792	To 7792
Tubing 1 1/4	Wt. 20.4	I.D.	Set at 7595	Perf. Open ended	To
Gas Pay:	From 7792	To 7595	L	G 0.700	GL Bar. Press.
Producing Through:		Casing	Tubing 1	Type Well — Single — Braden head — G.G. or G.O. Dual Single - Gas	
Date of Completion 1-10-67		Packer -		Reservoir Temp. -	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps					
FLOW DATA				TUBING DATA		CASING DATA				
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	DURATION
1.										
2.										
3.		3/16"	527		55		55	1400		3 hr.
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 P D @ 15.025 psia
1.							
2.							
3.	12.850		527	1.048	0.832	1.070	(51)
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 _____ (1-e^{-S}) _____ P_c **2616** P_c² **6,922,976**

No.	$\frac{P_w}{P_t}$ 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	$\frac{P_w}{P_c}$
1.									
2.									
3.	1410					2,010,774	4,912,202		1.4319
4.									
5.									

ABSOLUTE POTENTIAL: **2456** MCFPD; n **0.75** **1.237**

COMPANY **Jacinto L. Hurt** WITNESSED **Clarence Taylor**
 ADDRESS **23 Petroleum Bldg., Denver** COMPANY **Continental Oil Co.**
 AGENT AND TITLE **Robert A. Taylor, General Manager**

RECEIVED
JAN. 8. 1967
OIL CON. COM.
DIST. 3