

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

Form C-122
Revised 12-1-55

Well South Blanco Pictured Cliffs			Formation Pictured Cliffs			County Rio Arriba		
Initial X		Annual		Special		Date of Test 4-27-67		
Company Intermountain Petroleum Corp.			Lease McKenzie Federal			Well No. 3		
Shot 1780S 790E		Sec. 25	Twp. 25	Range 6		Purchaser El Paso Natural Gas Company		
Flowing 4 1/2	Wt.	I.D.	Set at 2619		Perf. 2552	To 2566		
Flowing 1	Wt.	I.D.	Set at 2565		Perf. 2560	To 2565		
From 2552	To 2566	L	G .650(E)	GL	Bar. Press. 12			
Casing		Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single				
Date of Completion		Packer		Reservoir Temp.				

OBSERVED DATA

Type of Taps Prover ☐ Choke ☐ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
								321		7 Days
	.750	35		50	35			665		3 Hrs.

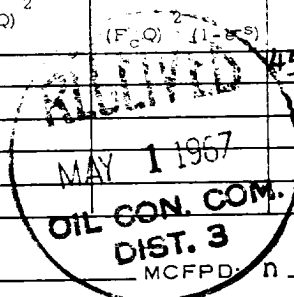
FLOW CALCULATIONS

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
12.3650		47	1.0098	.9608	1.000	564

PRESSURE CALCULATIONS

Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 P_e _____ (1-e^{-S}) _____ P_c **833** P_c² **693.889**

P _w 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	P _w P _c
677					458.329	235.560	2.9457	2.5050



ABSOLUTE POTENTIAL: **1,413** MCFPD **.85**
 COMPANY **Intermountain Petroleum Corporation** WITNESSED *[Signature]*
101 Petroleum Center Building
 ADDRESS **Farmington, New Mexico** COMPANY _____
 AGENT AND TITLE *Wayne B. Smith, P.E.*