

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Tapacito Formation Pictured Cliffs County Mc Arriba
Initial XX Annual _____ Special _____ Date of Test 11/7/60
Company Secony Mobil Oil Co., Inc. Lease Jicarilla "B" Well No. 2
Unit A Sec. 19 Twp. 26N Rge. 3W Purchaser El Paso Natural Gas Company
Casing 5 1/2" Wt. 144/ft. I.D. Set at 6110' Perf. _____ To 3730' - match
Tubing 1" Wt. 1.84/ft. I.D. Set at 3728' Perf. _____ To _____
Gas Pay: From 3719' To 3745' L 3730' xG 0.665 -GL 2480 Bar. Press. 12.0
Producing Thru: Casing _____ Tubing X Type Well Gas-Gas Dual
Date of Completion: 10/25/60 Packer 5350' Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. _____

OBSERVED DATA

Tested Through (XXXXXX) (Choke) (XXXXXX)Type Taps ---

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Line) Size	(Choke) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI	7 day					1050		1050		
1.	2"	3/4"	116			116	68°	151	68°	1 hr.
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.	12.365	-	128	0.9924	0.9498	-	1.422
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

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

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1062 P_c 1,127.8

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 ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.	163					26.56	1,101.2		0.153
2.									
3.									
4.									
5.									

Absolute Potential: 1,522 MCFPD; n 0.85COMPANY Secony Mobil Oil Co., Inc.ADDRESS Box 778, Farmington, New MexicoAGENT and TITLE H. J. Voracek Petroleum Engineer

WITNESSED _____

COMPANY _____

REMARKS _____

