

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

Form C-122
Revised 12-1-55

Pool South Blanco			Formation Pictured Cliffs			County Rio Arriba				
Initial X		Annual		Special		Date of Test 7-9-65				
Company Sherman F. Wagenseller			Lease Pubco Apache			Well No. 3				
Unit J	Sec. 16	Twp. 23N	Range 2W		Purchaser EPNG					
Casing 4 1/2	Wt. 9.5	I.D. 4.090	Set at 3152		Perf. 3096		To 3116			
Tubing 2 3/8	Wt. 4.7	I.D. 1.995	Set at 3080		Perf. 3080		To			
Gas Pay:	From 3096	To 3116	L 3080	G 0.62 est	GL	Bar. Press. 12.0				
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single					
Date of Completion 7-3-65		Packer			Reservoir Temp. 101					
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.	
SI						919		953		
1.										
2.										
3.		3/4	177		58			389		3 hrs.
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.										
2.										
3.	12.365		189	1.0019	0.9837	1.000	2,303			
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 965 P _c ² 931,225					
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	$\frac{F_w}{P_c}$	
1.										
2.										
3.						160,801	770,424		1.2087	
4.										
5.										

RECEIVED
JUL 15 1965
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: **2,705** MCFPD: **0.85/1.1747**

COMPANY **Sherman F. Wagenseller** WITNESSED _____

ADDRESS **170 S. Beverly Drive, Beverly Hills, Cal** COMPANY _____

AGENT AND TITLE **Original Signed by MORRIS B. JONES** **M. B. Jones, Engineer**