

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-30-85				
Company El Paso Natural Gas					Connection				
Pool Blanco					Formation Mesa Verde				
Completion Date 12-30-85		Total Depth 5072		Plug Back TD 5037		Elevation 5756 GR		Farm or Lease Name Wilmuth	
Gas. Size .7000	Wt. 20	d 6.456	Set At 2734	Perforations: From *4630 To 4974		Well No. #1A			
Req. Size 2.375	wt. 4.7	d 1.995	Set At 4957	Perforations: From To		Unit Sec. Twp. Rge. P 26 31 11			
Type Well - Single - Fractured - G.G. or G.O. Multiple G.G. Dual					Packer Set At 4148'		County San Juan		
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	G _g .690	% CO ₂	% N ₂	% H ₂ S	Prover		Meter Run	Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
51							954				7 Days
1.	.750			321		70	321				3 Hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		333	0.9905	.9325	1.034	3932
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf./bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	X X X X X X X X
3					Specific Gravity Flowing Fluid	X X X X X
4					Critical Pressure	P.S.I.A. P.S.I.A.
5					Critical Temperature	R R

P _r 954	P _w 910116	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = \frac{910116}{781952}$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.1206$
NO. 1	P _r 358	P _w 128164	P _r - P _w 781952
2			
3			
4			
5			

Absolute Open Flow 4406 Mcfd @ 15.025		Angle of Slope →	Slope, n 7.50
Remarks: 4 1/2" Liner - 2606 - 5077'			

Approved by Commission:	Conducted By:	Calculated By: Scott Lindsay	Checked By: kld
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