

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

Form 1-722
Revised 9-1-65

☐ Initial ☐ Annual ☐ Special				Test Date 11-12-70	
Well No. 1 & Gr. Co. prod.				Connection El Paso Natural Gas	
Formation Mesaverde				Unit Crack	
Total Depth 7712'		Plus Back TD 7108'		Elevation 6343 Gr	
Well No. 1-573		Set At 3560		Well No. 1-573	
Perforations: From 5100 To 5250		Set At 5534		Perforations: From --- To ---	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At -----	
Producing Thru 5100		Reservoir Temp. °F 9		Baro. Press. - P _a	
Mean Annual Temp. °F		County New Mexico		State	
L	H	G _g	% 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.	
1							100		100	
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf
1	18.733		112	1.0000	.9258	1.0000	1873
2							
3							
4							
5							

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

NO.	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8324$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5749$
	418.420	175,072	436,567		

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2019$		RECEIVED NOV 20 1970 OIL CON. COM. DIST. 3
Absolute Open Flow _____ Mcfd @ 15.025		
Angle of Slope _____ Slope, n _____		
Remarks: _____		

Approved By Commission: NOV 20 1970	Conducted By:	Calculated By:	Checked By:
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