

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 5/12/80	
Company Supron Energy Corporation				Connection Gas Company of New Mexico			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 5/3/80		Total Depth 8044		Plug Back TD 5953		Elevation 7099	
Farm or Lease Name Jicarilla "B"		Well No. 12		Perforations: From 5803 To 5922		Well No. 12	
Log. Size 7.625 5.500	Wt. 26.40 15.50	d 6.969 4.950	Set At 3950 3752-7998	Perforations: From 5868 To 5872		Unit Sec. Twp. Rge. B 35 26N 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----		County Rio Arriba	
Producing Thru Tubing L 5858		Reservoir Temp. °F @ 0.650		Mean Annual Temp. °F 12		State New Mexico	
Gg 5858		H 0.650		% 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	
1	2"		3/4"				1202		1202		7 days
2							52	54°	398		3 hours
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 Fpv	Rate of Flow Q, Mcfd
1	12.3650		64	1.0078	0.9608	1.000	766
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _t	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

NO.	P _t ²	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n =$
1	410	168,100	1,305,696		1.1287	1.0950
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____	
AOF = Q $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n =$ 839			

Approved By Commission:		Conducted By: John Rector		Calculated By: Kenneth E. Roddy		Checked By:	
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