

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 7/23/80	
Company Hill & Llewellyn <i>Superior</i>				Connection		
Pool Ballard				Formation Pictured Cliffs		Unit
Completion Date		Total Depth 2428		Plug Back TD 2398		Elevation
Csg. Size 2.875		Wt. 6.50	d 2.441	Set At 2398	Perforations: From 2151 To 2236	
Trq. Size None		Wt.	d	Set At	Perforations: From To	
Type Well - Single - Prodenhead - G.G. or G.O. Multiple Single				Pecker Set At		County San Juan
Producing Thru Casing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .650 est	% 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		.750		61		61			597		7 days 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, Fpv	Rate of Flow Q, Mcf/d
1	12.3650		73	.9990	.9608	1.000	866
2							
3							
4							
5							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/ool.
1					A.P.L. Gravity of Liquid Hydrocarbons	Eq.
2					Specific Gravity Separator Gas	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

P _c 609	P _c ² 370881	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0208$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0177$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	5329	87	7571
2			
3			
4			
5			

Absolute Q _g on Flow		881	Mcf/d @ 15.025	Angle of Slope @	Slope, n = .85
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Remarks:			
Approved By: _____	Conducted By: _____	Calculated By: _____	Checked By: _____