

Form C-122
Revised 10-1-78

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 1/26/80									
Company Hill & Llewellyn		Connection									
Pool Ballard		Formation Picured Cliffs									
Completion Date 1/18/80	Total Depth 2340	Plug Back TD 2311	Elevation								
Farm or Lease Name Newsom B											
Ceq. Size 2.875	Wl. 6.50	d 2.441	Set At 2340								
Perforations: From 2101 To 2194	Well No. 18										
Tq. Siz None	Wl.	d	Set At								
Perforations: From To	Unit Sec. Twp. Rge. A-8-26N-8W										
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single	Packer Set At	County San Juan									
Producing Thru Casing	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a								
State New Mexico											
L	H	Gg	% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps								
.650											
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	Duration of Flow
SI									627		8 days
1.	.750		21			52					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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1	12.3650		33	1.0078	.9608		395				
2.											
3.											
4.											
5.											
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	Specific Gravity Separator Gas _____ XXXXXXXXXX				
1					Specific Gravity Flowing Fluid _____	Critical Pressure _____ P.S.I.A.	Critical Temperature _____ R				
2.											
3.											
4.											
5.											
P _c 639 P _c ² 408321				(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.0038$	$n = 1.0032$						
NO	P _f ²	P _w ²	P _e ²	P _e ² - P _w ²							
1	1089	39	1546	406775							
2.											
3.											
4.											
5.											
Absolute Open Flow 396 Mcfd @ 15.075				Angle of Slope @	Slope, n .85						
Remarks: Light fog of water & drip throughout test.											
Approved by Division		Conducted By:		Calculated By:		Checked By:					
		ARK									