

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 6-30-76	
Company Shell Oil Company				Connection			
Pool				Formation Pictured Cliffs		Unit	
Completion Date		Total Depth		Plug Back TD		Elevation	
Farm or Lease Name Carson Unit							
Gas. Size	Wt.	d	Set At	Perforations: From To		Well No. 34-11	
Thg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. 0 11 25N 16W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F 99 @ 1226		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

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.	
SI	7 days						221			
1.	2	x	3/4				40	60		
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, Mcfd
1	12.365		52	1.000	.9608		617
2.							
3.							
4.							
5.							

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

P _c 233	P _c ² 54289	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0524$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0444$
NO.	P _t ²	P _w	P _w ²
1		52	2704
2			
3			
4			
5			

Absolute Open Flow 644 Mcfd @ 15.025		Angle of Slope @ 49.5°	Slope, n 0.854
Remarks:			
Approved By Commission: Conducted By: Tefteller, Inc. Calculated By: N. Tefteller Checked By:			