

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: 7-31-85			
Company: BHP Petroleum (Ameircas) Inc.						Connection:			
Pool: North Pinon				Formation: Fruitland				Unit: Gallegos Canyon Unit	
Completion Date: 7-24-85		Total Depth: 1168		Plug Back TD: 1126		Elevation: GR-5414		Farm or Lease Name: Gallegos Canyon Unit	
Csg. Size: 4.5	Wt. 10.5	d 4.052	Set At 1168	Perforations: From 973 To 1070				Well No. 358	
Tbg. Size: 2.375	Wt. 4.7	d 1.995	Set At 1050	Perforations: From To				Unit Sec. Twp. Rge. 0 29 29N 12W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County: San Juan	
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a 12		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.		Temp. °F
SI							422		422		7 days 3
1.			3/4"	95			95		95		
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, Mcfd
1	14.1605		107	0.9905	0.9608	1.0081	1454
2.							
3.							
4.							
5.							

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

P _c 434	P _c ² 188,356					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0647$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0547$
1		107	11,449	176,907		
2						
3						
4						
5						

Absolute Open Flow 1533 Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: Flow claculation assumes 0.65 gas gravity at 70°F. Fpv is based on A.G.A. Report No. 3.							
Approved By Commission:		Conducted By: T. C. Durham		Calculated By: Paul Bertoglio PCB		Checked By:	