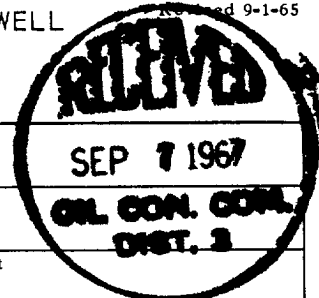


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9-5-67	
Company John E. Schalk			Connection Waiting on pipe line		
Pool Ballard			Formation Pictured Cliffs		Unit
Completion Date 9-5-67		Total Depth 3172'		Plug Back TD 3136'	Elevation 7430 Gr
Farm or Lease Name Cinco Diablos					
Csg. Size 4.50	Wt. 9.50	d 4.090	Set At 3170'	Perforations: From 3053 To 3088	
Well No. 7					
Thq. Size 1.50 N.U.	Wt. 2.75	d 1.610	Set At 3054'	Perforations: From Open Ended To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	County Rio Arriba
Producing Thru Tubing		Reservoir Temp. *F @ -	Mean Annual Temp. *F -	Baro. Press. - P _a 12.0	State New Mexico
L 3054	H 3054	Gg 0.65	% 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							714		715		SI 8 da.
1.	3/4" T.C.					54	169		638		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, Mcfd
1	12.3650		181	1.0058	0.9608	1.020	2,206
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 727	P _c ² 528,529	
NO.	P _t ²	P _w
1	-	650
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - R_w^2} = 4.985$$

$$(2) \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 3.915$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 8,636$$

Absolute Open Flow 8,636 Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n 0.85
Remarks: _____		
Approved By Commission: _____	Conducted By: <i>Will N. Walsh</i>	Calculated By: <i>Will N. Walsh</i>
Checked By: _____		

