

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED
JUN 29 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 6/14/84	
Company Amoco Production Company		Connection Not Dedicated	
Pool Otero		Formation Chacra	
Completion Date 5/25/84		Total Depth 2945	Plug Back TD 2870
		Elevation 5467 GL	Form or Lease Name Hare Gas Com "I"
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 2941
Perforations: From 2714 To 2823		Well No. 1	
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 2834
Perforations: From Open To Ended		Unit Sec. Twp. Rge. E 23 29 11	
Type Well - Single - Brdenhead - G.C. or G.O. Multiple Single		Pecker Set At None	
Producing Thru		County San Juan	
Reservoir Temp. °F #		State New Mexico	
Mean Annual Temp. °F		Boro. Press. - P _g	
L	H	Cg	% 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	44 Days						788		788		
1.											
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.							
2.							
3.							
4.							
5.							

NO.	R _t	Temp. °R	T _r	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

NO.	P ₁ ²	P _c ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_w^2 - P_c^2} =$ _____	(2) $\left[\frac{P_c^2}{P_w^2 - P_c^2} \right]^n =$ _____
1.						
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_w^2 - P_c^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope @ _____ Slope, n _____

Remarks: Did not flow well due to housing in area. Drilled by true.

Approved By Division	Conducted By: J. J. Barnett	Calculated By: J. J. Barnett	Checked By: JB
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