

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

Form C-122
Revised 9-1-65

RECEIVED
AUG 27 1984

Type Test: ☒ Initial ☐ Annual ☒ Special		Test Date: 8-6-84	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company	
Pool: Basin		Formation: Dakota	
Completion Date: 7-19-84		Total Depth: 7426	Plug Back TD: 7380
Csg. Size: 4.500		Wt.: 11.6	d: 4.000
Tbg. Size: 2.375		Wt.: 4.7	d: 1.995
Set At: 7426		Perforations: From 7166 To 7339	
Set At: 7329		Perforations: From Open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single		Packer Set At: None	
Producing Thru tubing		Baro. Press. - P _g	
Reservoir Temp. °F		Mean Annual Temp. °F	
L		H	G _g
% CO ₂		% N ₂	% H ₂ S
Prover		Meter Run	
Taps		State: New Mexico	
County: San Juan		Unit: C	
Sec. 34		Twp. 32	
Rge. 10		Well No. 1	
Farm or Lease Name: Jaquez Gas Com "F"		DIST. 3	

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	12 Days						2130		2240	
1.	2.375	.750					87		437	
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	12.365		99	1.000	.9258	1.011	1146
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.0414$	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.0309$
1		449	201601	4869903		
2						
3						
4						
5						

Absolute Open Flow: 1181 Mcfd @ 15.025		Angle of Slope θ: _____		Slope, n: .75	
Remarks: Flared Med H ₂ O Spary					
Approved By Commission:		Conducted By: J.J. Barnett		Calculated By: J.J. Barnett	
				Checked By:	