

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 06 19 80				
Company AMOCO PRODUCTION CO.					Connection EL PASO NATURAL GAS CO.				
Pool OTERO					Formation CHACRA				
Completion Date 05 15 80		Total Depth 7710		Plug Back TD 4050		Elevation 6815GL		Farm, or Lease Name JICARILLA CONTRACT 148	
Csg. Size 5.500	Wt. 17	d 4.892	Set At 7710	Perforations: From 3885 To 3902		Well No. 18			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 3922	Perforations: From open To ended		Unit Sec. Twp. Rge. F 23 25N 5W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE					Packer Set At 4050 FT		County RIO ARriba		
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State NEW MEXICO	
L	H	G _g	% 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	15 days						532		535		3 hrs
1.	2.375		.750				55		275		
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		67	1.000	.9608	1.008	802
2.							
3.							
4.							
5.							

NO.	P _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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 547	P _c ² 299209	
NO.	P _t ²	P _w ²
1	287	82369
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.3799$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right] = 1.2731$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1021$$

RECEIVED

JUL 16 1980

OIL CON. COM.

DIST. 3

Absolute Open Flow 1021 Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:

Approved By Commission:	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: R A DOWNEY
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