

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 6-4-81	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Gonzales			Formation Mesaverde		Unit
Completion Date 03-24-81		Total Depth 5418		Plug Back TD 5403	Elevation 6672
Farm or Lease Name Jicarilla Contract 146					
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 5418	Perforations: From .5112 To	
Well No. #32					
Tub. Size 2.063	Wt. 3.25	d 1.751	Set At 5366	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual				Packer Set At 4135	Unit Sec. Twp. Rge. A 10 25N 5W
Producing Thru tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F	
Baro. Press. - P _a		County Rio Arriba			
State New Mexico					
L	H	G _g .650	% 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.	
Si	47 days						860		-	
1.	2.375		.750				55		-	
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, Mhd
1	12.365		69	1.000	.9608	1.006	824
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	Deq.
2.					Specific Gravity Separator Gas	
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	
5.					Critical Temperature	

P _c 872	P _c ² 760384					
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0415$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0309$
1		174	30276	730108		
2						
3						
4						
5						

Absolute Open Flow 849 Mhd @ 15.025 Angle of Slope θ .75 Slope, n .75

Remarks: X Heavy oil flow

Approved By Commission	Conducted By JJB	Calculated By JJ Barnett	Checked By
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