

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 3-20-79			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 3/12/79		Total Depth 6600		Plug Back TD 6570		Elevation 5806		Farm or Lease Name Eskeenalwood Gas Com B	
Csq. Size 4.50	Wt. 11.6	d d	Set At 6599	Perforations: From 6478 To 6498		Well No. 1			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6495	Perforations: From Open To Ended		Unit Sec. Twp. Rge. A 25 28N 9W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg .70	% 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	8 Days					1929		1932		
1.	2.375	.750				252		472		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	12.365		264	1.000	.9258	1.031	3116
2.							
3.							
4.							
5.							

NO.	P _r	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 _____ 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

P _c 1944	P _c ² 3779136	(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.0681$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.0507$	
NO.	P _r	P _w	P _w ²	P _e ² - P _w ²
1		491	241081	3538055
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 3274$

Absolute Open Flow 3274 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission	Conducted By R. A. Conner	Calculated By R. A. Conner	Checked By B. E. Fackrell
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