

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 9-27-83			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 9-1-83		Total Depth 6385'		Plug Back TD 6342'		Elevation 6014GL		Farm or Lease Name C.A. McAdams "D"	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6385	Perforations: From 6207 To 6344		Well No. 1E			
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6317	Perforations: From Open To Ended		Unit Sec. Twp. R. 10 C 20 27 10			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F P		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	13 Days						1368		1370		
2.	2.375	.750					65		365		3 hrs.
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		77	1.000	.9258	1.009	889
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 1382	P _c ² 1909924	
NO.	P _w	P _w ²
1	377	142129
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0804$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0597$

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 942$

Absolute Open Flow	942	Mcf/d @ 15.025	Angle of Slope @	Slope, n	75
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Remarks: Drilled and completed by True Drilling Company. Flowed med. H2O and med. oil.

Approved by Commission	Conducted By J.J. Barnett	Calculated By J.J. Barnett	Checked By
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