

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 11/13/79	
Company AMOCO PRODUCTION COMPANY				Connection EL PASO NATURAL GAS COMPANY			
Pool BASIN				Formation DAKOTA		Unit	
Completion Date 10/22/79		Total Depth 7051'		Plug Back TD 7049'		Elevation 5716	
Farm or Lease Name LIKINS GAS COM A							
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7051	Perforations: From 6760 To 6952		Well No. 3E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6957	Perforations: From OPEN To ENDED		Unit J	Sec. 34
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 P		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.	
SI	9 DAYS						1480		1615	
1.	2.375		.750				175	60°	762	
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		187	1.000	.9258	1.022	2188
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	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 1627 P _c ² 2647129	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.2925$	$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2122$		
NO P _f P _w P _w ² P _c ² - P _w ²				
1		774	599076	2048053
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2652$	Absolute Open Flow 2652 Mcfd @ 15.025	Angle of Slope θ Slope, n .75
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Approved By Commission:				Conducted By: J. J. BARNETT		Calculated By: R. A. CONNERS		Checked By: BUD FACKRELL	
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