

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-120
Revised 1/77

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

RECEIVED
AUG 09 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-1-84	
Company Caulkins Oil Company		Connection	
Pool Blanco Mesa Verde		Formation Mesa Verde	
Completion Date 7-25-84		Total Depth 7575'	
Plug Back TD 7575'		Elevation 6605	
Farm or Lease Name Breech C		Well No. 244-E	
Csq. Size 5 1/2"	wt. 17# 15.5#&	d 4.892	Set At 7575'
Perforations From 4824' To 5444'		Well No. 244-E	
Tq. Size 1 1/4"	wt. 2.3#	d 1.380	Set At 5479'
Perforations From 5479' To		Unit E 14 26N 6W	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Gas-Gas Dual		Packer Set At 5530'	
Producing Thru Tubing		Reservoir Temp. °F #	
Mean Annual Temp. °F		Baro. Press. - P _a	
County Rio Arriba		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							760		1007		7 Days
1.							64		517		3 Hours
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 _{sp}	Rate of Flow Q, Mcfd
1	14.1605		76	1.000	1.000	1.000	1.076
2.							
3.							
4.							
5.							

NO.	R _i	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 1019	P _c ² 1,038,361	(1) $\frac{P_c^2}{R_c^2 - R_w^2} = 1.369$	(2) $\left[\frac{P_c^2}{R_c^2 - R_w^2} \right]^n = 1.266$
NO.	P _i ²	P _w	R _c ²
1		529	279,841
2			
3			
4			
5			

Absolute Open Flow 1.362		Mcf @ 15.025		Angle of Slope @ _____		Slope, n 75	
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Remarks:			
Approved By Division	Conducted By:	Calculated By:	Checked By: