

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

Form C-122
Revised 9-1-65

JUL 26 1985

OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 7-22-85	
Company El Paso Exploration		Connection	
Pool Blanco		Formation Mesa Verde	
Completion Date 7-22-85		Total Depth 6409	Plug Back TD 6337
Elevation 7332 GR		Farm or Lease Name Jicarilla 117 E	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4208
Perforations: From *6080 To 6314		Well No. 9A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6285
Perforations: From To		Unit Sec. Twp. Rge. C 33 26 3	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual		Packer Set At 3998	County Rio Arriba
Producing Thru Tbg.	Reservoir Temp. *F a	Mean Annual Temp. *F	Baro. Press. - P _a
State New Mexico			
L	H	G _g .680	% 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							317				16 Days
1.		.750		83		60	83				
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 _{pv}	Rate of Flow Q, Mcfd
1	12.365		95	1.000	.9393	1.009	1113
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 329	P _c ² 108241	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{108241}{69825}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3893$
NO. 1	P _w 196	P _w ² 38416	P _c ² - P _w ² 69825
2			
3			
4			
5			

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1546$	
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Absolute Open Flow 1546 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: *4.500" Liner 4002' - 6354. Gas vented during test = 169 MCF.

Approved by Commission:	Conducted By: Gary Osborne	Calculated By: Ed Mabe	Checked By: kld
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