

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

Form C-122
Revised 9-1-65

RECEIVED
JUL 19 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 7-16-85							
Company El Paso Exploration				Connection							
Pool Blanco				Formation Mesa Verde							
Completion Date 7-16-85		Total Depth 6483		Plug Back TD 6465							
				Elevation 7152 GL							
Farm or Lease Name Jicarilla 119 N											
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4239	Perforations: From *5548 To 6357							
Teg. Size 2.375	Wt. 4.7	d 1.995	Set At 6332	Perforations: From To							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 4108							
Producing Thru Tbg.		Reservoir Temp. *F a		Mean Annual Temp. *F							
				Baro. Press. - P _a 12							
State New Mexico											
L	H	G _g	% CO ₂	% N ₂	% H ₂ S						
		.690									
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F	TUBING DATA		CASING DATA		Duration of Flow
							Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	
SI							574				14 Days
1.			.750	84		64	84				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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1	12.365		96	.9962	.9325	1.009	1113				
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 _r 586 P _r ² 343396											
NO.	P _i	P _w	P _w ²	P _c ² - P _w ²							
1		197	38809	304587							
2											
3											
4											
5											
Absolute Open Flow 1218 Mcfd @ 15.025					Angle of Slope θ _____						
Slope, n .75											
Remarks: *4.500" Liner 4101'-6483'											
Gas vented during test = 175 MCF.											
Approved By Commission:		Conducted By: Gary Osborne		Calculated By: Ed Mabe		Checked By: kld					