

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 10-9-80			
Company El Paso Exploration Company				Connection Northwest Pipeline					
Pool S. Blanco				Formation Pictured Cliff				Unit	
Completion Date 9-25-80		Total Depth 6215'		Plug Back TD 6183'		Elevation 6969 GR		Farm or Lease Name Jicarilla 152W	
Csg. Size *7.00"	Wt. 20.0	d 6.456	Set At 3855'	Perforations: From 3519' To 3640		Well No. #5			
Tbg. Size 1.660	Wt. 2.90	d 1.380	Set At 3639'	Perforations: From To		Unit G	Sec. 7	Twp. 26	Rge. 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 3700'		County Rio Arriba			
Producing Thru Csg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	Gg 0.670	% 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							1031		1028		14 Days
1.	3/4" Choke			284		59	301				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 Fg	Super Compress. Factor F _{sp}	Rate of Flow Q, Mcfd
1	12.365		296	1.001	0.9463	1.032	3578
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	Deq.
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1043	P _c ² 1,087,849	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0990$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0733$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		313	97,969	989,880
2				
3				
4				
5				

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3,840$$

GET 10-10-80
OIL CON. COM.
DIST. 2

Absolute Open Flow	3,840	Mcf @ 15.025	Angle of Slope θ	Slope, n 0.85
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Remarks: * 4 1/2" Liner 3711 to 6215
No Liquids, Gas Vented - 598 MCF

Approved By Commission:	Conducted By: Lvle Nation	Calculated By: Bill Clark	Checked By:
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