

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 8-26-80			
Company El Paso Exploration Company				Connection Northwest Pipeline					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 8-17-80		Total Depth 5873'		Plug Back TD 5840'		Elevation 6630 GR		Farm or Lease Name Jicarilla 152W	
Csg. Size 7"*	Wt. 20.0*	d 6.456	Set At 3520	Perforations: From 4892 To 5788'		Well No. #1A (MV)			
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 5553	Perforations: From To		Unit Sec. Twp. Rge. C 7 26 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 3378		County Rio Arriba			
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg 0.670	% CO ₂	% N ₂	% H ₂ S	Prover		Meter Run 4"	Taps Flg

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							1134				9 Days
1.	4" X 2.50"			22	6.2	63	85				3 Hr.
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 _{pv}	Rate of Flow Q, Mcfd
1	32.64	36.15	34	0.9971	1.222	1.000	1438
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	°Eq.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1146	P _c ² 1,313,316	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0412$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0308$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	9409	228	51,984
2			
3			
4			
5			

ACF = Q	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1482$
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Absolute Open Flow	1482	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: * 4½ Liner 3386 - 5873'	
Liquid - 7.0 Bbls Oil, 25.7 Bbls Water, Gas Vented - 180 MCF	

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