

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

Form C-122
Revised 9-1-65

RECEIVED
OCT 17 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 09/24/85	
Company Northwest Pipeline Corporation				Connection New Completion	
Pool Blanco				Formation Mesa Verde	
Completion Date 09/05/85		Total Depth 5845'		Plug Back TD 5825'	
				Elevation 6461' GR	
Csg. Size 4.500		Wt. 10.5		d 4.052	
Set At 5845'		Perforations: From 5391' To 5726'		Well No. #61	
Thg. Size 2.375		Wt. 4.7		d 1.995	
Set At 5580'		Perforations: From To		Unit A 15 30N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None	
Producing Thru Tubing				County Rio Arriba	
Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico					
L	H	Gg Est. .600	% CO ₂	% N ₂	% H ₂ S
				Positive Choke	
				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.	
SI	SIP						1195		1195	
1.	2"	X	.750"			71°	378	71°	900	71°
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, Fpv	Rate of Flow Q, Mcfd
1	9.604		390	.990	1.291	1.033	4945
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 _c 1207	P _c 1456849					
NO	P ₁ ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.3306$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.8862$
1		912	831744	625105		
2						
3						
4						
5						

Absolute Open Flow 9327 Mcfd @ 15.025				Angle of Slope @ _____		Slope, n .75	
Remarks: Produced clean dry gas during blow. Vented 618 MCF.							

Approved By Commission:	Conducted By: Gip Aulbert	Calculated By: M.J. Turnbaugh	Checked By:
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