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

Form C-122

RECEIVED
SEP - 1 1994
OIL CON. DIV.
DIST. 3

Type Test: ☒ Initial ☐ Annual ☐ Special							Test Date: 08/18/94	
Company: NORTHWEST PIPELINE CORPORATION			Connection: WILLIAMS FIELD SERVICES					
Pool: BLANCO			Formation: MESAVERDE				Unit: ROSA	
Completion Date: 07/16/94	Total Depth:		Plug Back TD:		Elevation:		Farm or Lease Name: ROSA UNIT	
Casing Size:	Weight:	d:	Set At:	Perforations: From	To		Well No.: #32A	
Tubing Size:	Weight:	d:	Set at:	Perforations: From	To		Unit: F Sec: 21 Twp: 31N Rng: 06W	
Type Well - Single - Bradenhead - GG or GO Multiple:			Packer Set At:			County: RIO ARRIBA		
Producing Thru: TUBING	Reservoir Temp. °F:		Mean Annual Temp. °F:		Barometer Pressure - P_a:		State: NEW MEXICO	

L	H	Gg	%CO_2	%N_2	%H_2S	Prover	Meter Run: 2"	Taps

	FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Pressure p.s.i.g.	Temperature °F	Pressure p.s.i.g.	Temperature °F	Pressure p.s.i.g.	Temperature °F	Duration of Flow
SI	2" X 3/4"			1163				0 HRS
1.				260	55			0.5 HRS
2.				255	55			1.0 HRS
3.				246	56			1.5 HRS
4.				245	56			2.0 HRS
5.				239	59			3.0 HRS

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_t	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q,Mcfd
1.	9.604		251	1.001	1.270	1.025	3141
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

P_c 1175 P_c^2 1,380,625

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.		251	63,001	1,317,624
2.				
3.				
4.				

Gas Liquid Hydrocarbon Ration _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator GAS 0.62 XXXXXX
Specific Gravity Flowing Fluid xxxxx _____
Critical Pressure _____ p.s.i.a. _____ p.s.i.a.
Critical Temperature _____ R _____ R

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0478$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^{n} = 1.0356$

$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^{n} = 3,253$

Absolute Open Flow 3253 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By: C. CHARLEY	Calculated By: STERGIE KATIRGIS	Checked By: