

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 11-30-81	
Company El Paso Exploration Company				Connection Northwest Pipeline Corp.		
Pool Basin				Formation Dakota		Unit
Completion Date 11-23-81		Total Depth 8161		Plug Back TD 8120		Elevation 7214
Farm or Lease Name Jicarilla 123C		Well No. #30				
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 8161	Perforations: From 7915 To 8103		Unit J
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 8092	Perforations: From To		Sec. 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @ 180		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
State New Mexico						
L	H	G _g 0.738	% 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	
1.	4" X 2.500"			3	2.5	45	21		403		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	103.20	3.062	15	1.015	1.164	1.000	373
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 2310	P _c ² 5,336,100	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0334$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0249$
NO.	P _t ²	P _w	P _w ²
1	415	172,225	5,163,875
2.			
3.			
4.			
5.			

Absolute Open Flow 382 Mcfd @ 15.025		Angle of Slope @	Slope, n 0.75
Remarks: Gas Vented - 112 MCF			
Liquids Produced - 21.0 Bbls Oil, 9.1 Bbls Water			
Approved By Commission:	Conducted By: Lyle Nation	Calculated By: William Clark	Checked By: