

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

November 3, 1975



C Northwest Pipeline Corporation
P. O. Box 90
Farmington, New Mexico 87401

Attention: D. H. Marencelli

Administrative Order NSL-728

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Gentlemen:

P Reference is made to your application for approval of a non-standard location for your San Juan 32-7 Unit Well No. 29, located 718 feet from the North Line and 620 feet from the East Line of Section 18, Township 32 North, Range 7 West, N29W, Blanco-Mesaverde Pool, San Juan County, New Mexico.

Y By authority granted me under the provisions of Rule 104 F of the Commission Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/JEK/dr

cc: Oil Conservation Commission - Aztec
Oil & Gas Engineering Committee - Hobbs

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501



November 3, 1975

Northwest Pipeline Corporation
P. O. Box 99
Fairington, New Mexico 87401

Attention: D. H. Maroncelli

Administrative Order 85N-788

Gentlemen:

Reference is made to your application for approval of a non-standard location for your San Juan 32-V Unit Well No. 29, located 710 feet from the North line and 630 feet from the East line of Section 18, Township 32 North, Range 7 West, WPM, Blanco-Mesaville Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Commission Rules and Regulations, the above-described nonstandard location is hereby approved.

Very truly yours,

JOE D. RAMEY
Secretary-Director

JDR/TEK/dt

cc: Oil Conservation Commission - After
Oil & Gas Engineering Committee - Hobbs

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Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-2-75	
Company Northwest Pipeline Corp.		Connection New connection	
Pool Blanco		Formation MV	
Completion Date 11-25-75		Total Depth 5735'	Plug Back TD 5689
Elevation 6252'GR		Farm or Lease Name S.J. 32-7 Unit	
Csg. Size 4.500	Wt. 10.5#	d 5.052	Set At 5731
Perforations: From 5166 To 5590		Well No. 29	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5542
Perforations: From To		Unit Sec. Twp. Rge. A 18 32 7	
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Gas Single		Packer Set At none	
Producing Thru tubing		County San Juan	
Reservoir Temp. °F #		State New Mexico	
Mean Annual Temp. °F		Baro. Press. - P ₀	
L	H	G _g .587	% CO ₂
% N ₂		% H ₂ S	
Prover 3/4 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.		Temp. °F
SI							1185		1184		STP
1.	2 x .750					58°	214		587		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		226	1.002	1.011	1.017	2879
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature	Mcf/bbl.	Deq.
1.											XXXXXXX	
2.											XXXXX	
3.												
4.												
5.												

NO.	P ₁ ²	P _w	P _w ²	P _c ² - P _w ²
1		599	358801	1074008
2				
3				
4				
5				

P_c 1197 P_c² 1432809

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3341$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2413$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3574$

Absolute Open Flow 3574 Mcfd @ 15.025 Angle of Slope 0 Slope, n .75

Remarks: Blew light water mist throughout test.

Approved By Commission:	Conducted By: Fred S. Hamrick	Calculated By: Fred S. Hamrick	Checked By: B. J. B.
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