DEVIATION REPORT

COMPANY Northwest Pipeline Corporation ADDRESS P.O. Box 90, Farmington, New Mexico

LEASE San Juan 32-7 Unit WELL 57 UNIT LETTER I SEC 17 T 32N R 7W

POOL and FORMATION Basin Dakota COUNTY San Juan

(') DEPTH	(°) DEVIATION
1517'	3/4°
1999'	1/2°
2533'	1°
3039'	1°
3426'	1°
3853'	1-1/4°
4382'	2-1/2°
4857'	4°
5360'	4-1/2°
5890'	3°
6955'	1-1/2°
7440'	1°
_____	_____
_____	_____

RECEIVED
JUN 30 1980
OIL CON. COM.
DIST. 3

Certificate: I, the undersigned, state that I, Donna Brace Donna Brace acting in my capacity as Production Clerk of Northwest Pipeline Corporation, am authorized by said Company to make this report which was prepared by me or under my supervision and direction; and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to before me this 27th day of June, 1980

Virginia A. Copeland
NOTARY PUBLIC IN AND FOR SAN JUAN COUNTY, NEW MEXICO

My Commission Expires 12-18-80

NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 6-20-1980	
Company: NWP Corporation		Connection: New Completion			
Pool: Basin		Formation: Dakota		Unit: SJ 32-7	
Completion Date: 5-28-80	Total Depth: 8143	Plug Back TD: 8135	Elevation: 6576	Farm or Lease Name: SJ 32-7 Unit	
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 8143		Perforations: From 8064 To 8126		Well No.: 57	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 8111		Perforations: From To		Unit: I / Sec.: 17 / Twp.: 32N / Rge.: 7W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Gas - Single		Packer Set At: None		County: San Juan	
Producing Thru: Tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12-0	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		est. .585				positive choke		

NO.	FLOW DATA: Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							2111		2150		SIP
1.	2	x	.750	83		68°	83		284		3 hrs.
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		95	.992	1.307	1.006	1190
2.							
3.							
4.							
5.							

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

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 2162 P_c^2 4674244

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		296	87616	4586629
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0191$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0143$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1207$

Absolute Open Flow 1207 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Well produced very light mist throughout test.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Jack Vescovi	B.J. Broughton	