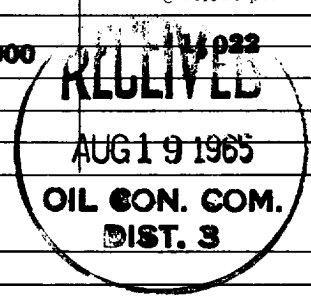


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool TAPACITO			Formation PICTURED CLIFFS			County RIO ARriba			
Initial X		Annual		Special		Date of Test AUGUST 13, 1965			
Company NORTHWEST PRODUCTION CORPORATION			Lease <i>Acquilla 119</i>			Well No. 2			
Unit P	Sec. 8	Twp. 26N	Range 4W		Purchaser EL PASO NATURAL GAS CO.				
Casing 4-1/2" OD	Wt. 10.50	I.D. 4.052"	Set at 3584		Perf. 3505	To 3519			
Tubing 1-1/4"	Wt. 2.30	I.D. 1.380	Set at 3515		Perf. 3511	To 3513			
Gas Pay: 3500		From 3525	To 3515	L 3515	G 3511	GL 3511	Bar. Press. 11.5		
Producing Through: Casing			Tubing X			Type Well - Single - Braden head - G.G. or G.O. Dual Single - Gas			
Date of Completion JULY 30, 1965		Packer None		Reservoir Temp.					
OBSERVED DATA									
Tested Through:			Prover ☐	Choke ☒	Meter ☐	Type of Taps			
FLOW DATA						TUBING DATA		CASING DATA	
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.
SI									
1.		3/4	76		60°	626		626	
2.						76	60	561	
3.									
4.									
5.									
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia		
1.									
2.	12.3650		88	1.000	.9393	1.000	14,922		
3.									
4.									
5.									
PRESSURE CALCULATIONS									
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____				
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____				
F _c 1.430 (1-e ^{-S}) .148					P _c 636 P _c ² 407,044				
No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	P _w P _c
1.									
2.	P_w 573								
3.	P_t 88	7744	1482	2196	.148	326,329	76,715	574	
4.									
5.									



ABSOLUTE POTENTIAL: **3108 MCFD** MCFPD; n **.85/3,0408**

COMPANY **NORTHWEST PRODUCTION CORPORATION** WITNESSED _____

ADDRESS **P.O. BOX 1796, EL PASO, TEXAS 79949** COMPANY _____

AGENT AND TITLE **CHARLES E. VERNER, WELL TESTER**

DRILLING DEPARTMENT

COMPANY **NORTHWEST PRODUCTION CORPORATION**

LEASE "H" WELL NO. 2

DATE OF TEST **AUGUST 13, 1965**

SHUT-IN PRESSURE (PSIG): TUBING **626** CASING **626** S.I. PERIOD **7** DAYS

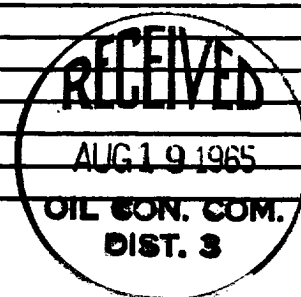
SIZE BLOW NIPPLE **3/4 T.C. Ch.**

FLOW THROUGH **Tubing** WORKING PRESSURES FROM

[illegible]

START AT: 1:45 P.M. END TEST AT: 4:45 PM

REMARKS: First 25 minutes blew dry, then started to make water spray.
Light spray of water throughout test.



TESTED BY: C. Werner

WITNESS: