

3 - New Mexico Oil Conservation Commission

1 - V.E. Johnston

NEW MEXICO OIL CONSERVATION COMMISSION

1 - Lee Tracy

1 - Hickey

1 - Fisher

2 - Phillips Petr.

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122

Revised 12-1-55

Pool Elmer Macomber Formation Macomber County El Paso

Initial 8 Annual _____ Special _____ Date of Test 4-13-56

Company Pacific Northwest Pipeline Corp Lease Indian Well No. 4-1

Unit 8 Sec. 36 Twp. 28N Rge. 3W Purchaser _____

Casing 7-7/8" Wt. _____ I.D. _____ Set at 544 Perf. 544 To 644

Tubing 2-3/8" Wt. _____ I.D. _____ Set at 647 Perf. _____ To _____

Gas Pay: From 544 To 644 L _____ xG .720 -GL _____ Bar.Press. 12.500

Producing Thru: Casing _____ Tubing 8 Type Well Single

Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 3-10-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (NONE) (Choke) (NONE) shut in 7 days Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI										
1.		<u>1/4</u>								<u>1 Hr.</u>
2.										
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-MCFPD @ 15.025 psia
1.	<u>12.500</u>		<u>76</u>	<u>.995</u>	<u>.995</u>	<u>1.000</u>	<u>897</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.

Gravity of Liquid Hydrocarbons _____ deg.

F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____

Specific Gravity Flowing Fluid _____

P_c 2403 P_c 1940.6

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.						<u>146.00</u>	<u>2403.7</u>		<u>1.06</u>
2.									
3.									
4.									
5.									

Absolute Potential: 897 MCFPD: n .75/ 1.000

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION

ADDRESS 1111 East Main Street, Farmington, New Mexico

AGENT and TITLE C. E. ... - Well Test Engineer

WITNESSED _____

COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

No. Copies Received **3**

DISTRIBUTION

	NO. COPIES	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	☒