

3 - Hoses
1 - V.L. Johnston
1 - Outlier
1 - Fowler
1 - Ballie

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Wildcat Formation Pictured Cliffs County Richardson
Initial X Annual _____ Special _____ Date of Test 3-19-56
Company Pacific Northwest Pipeline Corp Lease Indian Well No. 1 #1
Unit D Sec. 27 Twp. 28N Rge. 3W Purchaser _____
Casing 7-5/8" Wt. 25.4 I.D. 6.949 at 3000 Perf. 3046 To 3090
Tubing 2" Wt. _____ I.D. _____ Set at 6027.77 Perf. _____ To _____
Gas Pay: From 3046 To 3090 L _____ xG 400 Int. -GL _____ Bar.Press. _____
Producing Thru: Casing X Tubing _____ Type Well Prod G.O.
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 11-22-55 Packer 3300 Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (3300) S.I. 10 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.	
1.		<u>3/4"</u>			<u>63</u>		<u>30</u>	<u>1</u>
2.								
3.								
4.								
5.								

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	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>12.000</u>		<u>30</u>	<u>.9971</u>	<u>1.000</u>	<u>1.000</u>	<u>6.17</u>
2.							
3.							
4.							
5.							

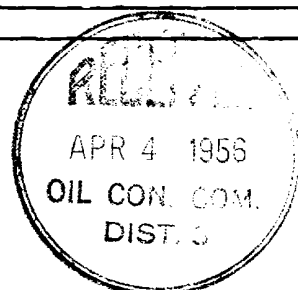
PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c 1.57 (1-e^{-s}) 1.56
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 805 P_c 711.9

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>30</u>	<u>900</u>	<u>6.17</u>	<u>38.07</u>	<u>37.57</u>	<u>2.7</u>	<u>711.1</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 6.8 MCFPD; n .55
COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 1313 West Main Street, Huntington, New Mexico
AGENT and TITLE C. E. Wagner - Gas Well Tester
WITNESSED _____
COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received

3

DISTRICT OFFICE

Operator

Inspector

Assistant Inspector

Chief Clerk

Secretary

Transporter

File

1

1

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