

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool AZTEC-PICTURED CLIFFS Formation PICTURED CLIFFS County SAN JUAN
Initial X Annual - Special - Date of Test 10-4-56
Company STANOLIND OIL AND GAS COMPANY Lease M. POLLOCK GAS UNIT Well No. 1
Unit P Sec. 28 Twp. 29-N Rge. 10-W Purchaser -
Casing 5 1/2" Wt. 14.7 I.D. 5.012 Set at 1713' Perf. 1830' To 1890'
Tubing 1 1/2" Wt. 2.44 I.D. 1.380 Set at 1851' Perf. - / 841 To - / 1571
Gas Pay: From 1821 To 1840 L - xG .65 est. -GL - Bar.Press. 12
Producing Thru: Casing X Tubing - Type Well Gas - Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 10-4-56 Packer - Reservoir Temp. 91° F. calc.
285 Flow: 5552'

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) 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.	
SI								
1.		<u>3/4</u>	<u>92</u>			<u>63</u>	<u>60</u>	<u>3 hr.</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>12.9670</u>		<u>64</u>	<u>1.000</u>	<u>.9408</u>	<u>1.000</u>	<u>760</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 .65 est.
P_c 644 P_c 644

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.						<u>4.36</u>	<u>439.2</u>		
3.									
4.									
5.									

Absolute Potential: 760 MCFPD; n .85
COMPANY STANOLIND OIL AND GAS COMPANY
ADDRESS Box 487 Farmington, N. M.
AGENT and TITLE R. A. Bauer, Jr. RMBauer Jr.
WITNESSED -
COMPANY -

REMARKS

