

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco-Huacaverde Formation Huacaverde County San Juan
Initial X Annual _____ Special _____ Date of Test 4-16-56
Company STANOLIND OIL AND GAS COMPANY Lease Southern Gas Unit "B" Well No. 1
Unit A Sec. 18 Twp. 29N Rge. 9W Purchaser El Paso Natural Gas Company
Casing 5 1/2" Wt. 14 1/2 I.D. 5.022 Set at 4536 Perf. 4112 To 4436
Tubing 2 3/8" Wt. 4.7 1/2 I.D. 1.995 Set at 4405 Perf. 4399 To 4405
Gas Pay: From 3700 To 4436 L 4399 xG .65 est. -GL 2899 Bar.Press. 12,000
Producing Thru: Casing _____ Tubing X Type Well Single - Gas
Date of Completion: 4-16-56 Packer _____ Reservoir Temp. 139° Calc. Single-Bradenhead-G. G. or G.O. Dual

Rotary Drive Bushing Elev. + 5562

OBSERVED DATA

Tested Through (200000) (Choke) (200000) 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>3/4</u>	<u>189</u>		<u>60</u>	<u>1087</u> <u>189</u>	<u>60</u>	<u>1090</u> <u>532</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>12.3650</u>		<u>201</u>	<u>1.000</u>	<u>.9808</u>	<u>1.015</u>	<u>21.2</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 1102 P_c 1200.4

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>295.9</u>	<u>918.5</u>		<u>4776</u>
2.									
3.									
4.									
5.									

Absolute Potential: 2,991 MCFPD; n .75COMPANY STANOLIND OIL AND GAS COMPANYADDRESS Box 457, Farmington, New MexicoAGENT and TITLE John N. Clark, Field Engineer *J M Clark*

WITNESSED _____

COMPANY _____

DIST. 3

REMARKS

OIL COMPANY, SINO OIL CO. 1941
AZED DISTRICT OFFICE

10. Copies of 1-1 2

[illegible]

10. *Journal of the American Medical Association*, 1990; 263: 1033-1036.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.