

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Anteo-Pictured Cliffs Formation Pictured Cliffs County San Juan
Initial I Annual _____ Special _____ Date of Test 4-13-56
Company STANLEY OIL AND GAS COMPANY Lease Likens Gas Unit "B" Well No. 1
Unit P Sec. 26 Twp. 29N Rge. 10W Purchaser none
Casing 5 1/2" Wt. 14.5 I.D. 5.012 Set at 1970 Perf. 1980 To 1936
Tubing 1 1/2" Wt. 2.45 I.D. 1 Set at 1981 Perf. 1903 To 1911
Gas Pay: From 1894 To 1940 L 1903 xG .65 wt. -GL _____ Bar.Press. 12,000
Producing Thru: Casing I Tubing _____ Type Well Single - Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 4-13-56 Packer _____ Reservoir Temp. 90° F.

OBSERVED DATA

Tested Through (Prover) (Choke) (Valve)

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						<u>710</u>		<u>710</u>		
1.		<u>3/4</u>	<u>108</u>		<u>60°</u>	<u>122</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>12,360</u>		<u>120</u>	<u>1.000</u>	<u>.968</u>	<u>1.012</u>	<u>143</u>
2.							
3.							
4.							
5.							

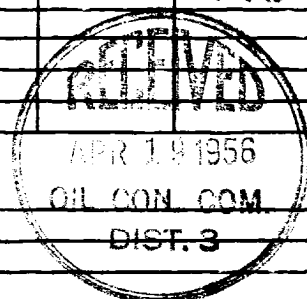
PRESSURE CALCULATIONS

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 wt.
P_c 742 P_c 321.3

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>13.9</u>	<u>505.4</u>		<u>.276</u>
2.									
3.									
4.									
5.									

Absolute Potential: 1402 MCFPD; n .83
COMPANY STANLEY OIL AND GAS COMPANY
ADDRESS Box 407, Farmington, New Mexico
AGENT and TITLE John H. Clark, Field Engineer
WITNESSED _____
COMPANY _____



REMARKS

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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