

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Astec-Pictured Cliffs Formation Pictured Cliffs County San Juan
Initial I Annual _____ Special _____ Date of Test 4-2-56
Company STANLEED OIL AND GAS COMPANY Lease Astec Gas Unit "B" Well No. 1
Unit 1 Sec. 25 Twp. 29N Rge. 10W Purchaser _____
Casing 5 1/2 Wt. 140 I.D. 5.012" Set at 1970 Perf. 1880 To 1914
Tubing 1 1/2 Wt. 2.40 I.D. 1.38" Set at 1902 Perf. 1896 To 1902
Gas Pay: From 1878 To 1917 L 1902 xG .65 est. GL 1230 Bar.Press. 12.0
Producing Thru: Casing I Tubing _____ Type Well Single - Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 4-2-56 Packer _____ Reservoir Temp. _____
Rotary Drive Sinking Elev. $\pm$ 2570

OBSERVED DATA

Tested Through (Prover) (Choke) (None) 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>135</u>		<u>60°</u>	<u>187</u>	<u>60°</u>	<u>600</u>		<u>1</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>12.3650</u>		<u>148</u>	<u>1.000</u>	<u>.960</u>	<u>1.017</u>	<u>2090</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
 F_c _____ ($1-e^{-s}$)

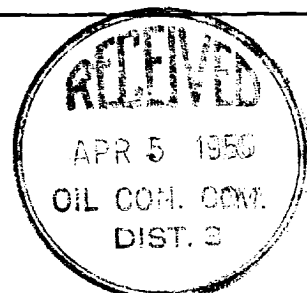
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid .65 est.
 P_c 700 P_c^2 490

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>32.64</u>	<u>497.96</u>		<u>.2597</u>
2.									
3.									
4.									
5.									

Absolute Potential: 2.190 MCFPD; n 0.85

COMPANY STANLEED OIL AND GAS COMPANY
ADDRESS Box 497, Farmington, New Mexico
AGENT and TITLE John H. Clark, Field Engineer *John H. Clark*
WITNESSED _____
COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION	
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