

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco-Pictured Cliffs Formation Pictured Cliffs County Rio ArribaInitial X Annual _____ Special _____ Date of Test April 3, 1956Company STANOLIND OIL AND GAS COMPANY Lease Alamogordo Contract 148 Well No. 8Unit 7 Sec. 23 Twp. 25N Rge. 9W Purchaser -Casing 2 1/2" Wt. 14.7 I.D. 5.012 Set at 3067 Perf. 3021 To 3032Tubing 2 1/8" Wt. 4.78 I.D. 1.995 Set at 3019 Perf. 3013 To 3019Gas Pay: From 3024 To 3024 L 3013 xG .65 est. -GL 1956 Bar.Press. 12.000Producing Thru: Casing _____ Tubing X Type Well Single - GasDate of Completion: 4-3-56 Packer _____ Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. _____Rotary Drive Bushing Elev. 6832

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.	Press. psig	Temp. °F.	
SI						900		900		
1.		3/4	81		60°	81	60°	196		3 Hr.
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.	12.9590		93	1.000	.968	1.000	1.126
2.							
3.							
4.							
5.							

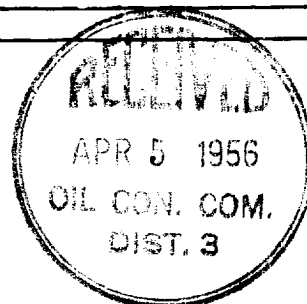
PRESSURE CALCULATIONS

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 912 P_c 831.7

No.	$\frac{P_w}{P_t}$ (psia)	P _t ²	F _c Q	(F _c Q) ²	$\frac{(F_c Q)^2}{(1-e^{-s})}$	P _w ²	P _c ² -P _w ²	Cal. P _w	$\frac{P_w}{P_c}$
1.						43.3	788.4		.888
2.									
3.									
4.									
5.									

Absolute Potential: 1.168 MCFPD; n .85
COMPANY STANOLIND OIL AND GAS COMPANY
ADDRESS Box 487, Farmington, New Mexico
AGENT and TITLE John M. Clark, Field Engineer
WITNESSED _____
COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received	3	
EXHIBIT 21		
Operator	1	
Signature	1	
Exhibitor Name		
Exhibitor Address		
U. S. G. No.	1	
Transfer Fee		
File	1	✓