

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco-Pictured Cliffs Pictured Cliffs County HidalgoInitial I Annual _____ Special _____ Date of Test April 3, 1956Company STANLEY OIL AND GAS COMPANY Lease Jicarilla Contract 146 Well No. 8Unit 0 Sec. 9 Twp. 25N Rge. 5W Purchaser -Casing 5 1/2" Wt. 14 1/2 I.D. 5.012 Set at 3018 Perf. 2955 To 3000Tubing 2 3/8 Wt. 4.7 I.D. 1.995 Set at 2953 Perf. 2947 To 2953Gas Pay: From 2940 To 2977 L 2947 xG .65 est. -GL 1916 Bar.Press. 12.000Producing Thru: Casing _____ Tubing I Type Well Single-GasDate of Completion: 4-3-56 Packer _____ Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. _____Rotary Drive Bushing Elev. 5744

OBSERVED DATA

Tested Through (Rotary) (Choke) (Jacket) 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						978		978		
1.		1/4	96		60°	96	60°	22		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.	<u>11.3690</u>		<u>108</u>	<u>1.000</u>	<u>.9608</u>	<u>1.010</u>	<u>1.296</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 890 P_c 792.1

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>35.2</u>	<u>736.9</u>		<u>.284</u>
2.									
3.									
4.									
5.									

Absolute Potential: 1.378 MCFPD; n .85COMPANY STANLEY OIL AND GAS COMPANYADDRESS Box 687, Farmington, New MexicoAGENT and TITLE John H. Clark, Field Engineer

WITNESSED _____

COMPANY _____

REMARKS _____



FEDERAL BUREAU OF INVESTIGATION	
U. S. DEPARTMENT OF JUSTICE	
WASHINGTON, D. C. 20535	
REPORT OF	DATE
BY	FILE NO.
TITLE	CLASSIFICATION
CHARACTER OF CASE	STATUS
AGENCY OR SOURCE	REMARKS
APPROVED	SPECIAL AGENT IN CHARGE
SUPERVISOR	DATE