

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Undersaturated Formation Dakota County San JuanInitial X Annual _____ Special _____ Date of Test 12-29-56Company Stamland Oil and Gas Company Lease G. L. Davies Well No. 1Unit D Sec. 27 Twp. 28 Rge. 13 Purchaser Not ConnectedCasing 24" Wt. 147 I.D. 5.012" Set at 6400 Perf. 6374 To 6319Tubing 2-3/8 Wt. 4.77 I.D. 2" Set at 6188 Perf. 6182 To 6188Gas Pay: From 6194 To 6319 L _____ xG _____ -GL _____ Bar.Press. _____Producing Thru: Casing - Tubing - Type Well Single - GasDate of Completion: 12-29-56 Packer None Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. -

G.L. = 6026

L.R. = 6026

OBSERVED DATA

~~Estimated Through~~ (~~Seconds~~) (~~Minutes~~) (~~Hours~~)

Type Taps _____

Flow Data						Tubing Data		Casing Data		Duration of Flow Hr.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI						3060		2072		(SI 9 days)
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS (Not tested)**

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.							
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 _____
P_c _____ P_c² _____

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 / F _c
1.									
2.									
3.									
4.									
5.									

Absolute Potential: _____ MCFPD; n _____

COMPANY STAMLAND OIL AND GAS COMPANYADDRESS Box 457, Farmington, New MexicoAGENT and TITLE R. R. Bauer, Jr., Field Engineer

WITNESSED _____

COMPANY _____

REMARKS

Well not tested because of no separation facilities.



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