

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco Formation Pictured Cliffs County Rio Arriba
Initial X and Annual X Special _____ Date of Test 5-5-56
Company Caswell Silver Lease Jicarilla Tribal 67 Well No. 67-2
Unit 1/4 Sec. 20 Twp. 25N Rge. 5W Purchaser El Paso Natural Gas Company
Casing 4 1/2" Wt. 1 1/2 I.D. 4.09 Set at 2739.87 Perf. 2650 To 2660
Tubing 2" Wt. 2.4 I.D. 2 Set at 2650 Perf. None To Open Ended
Gas Pay: From 2649 To 2694 L 2650 xG .65 -GL _____ Bar.Press. 12.0
Producing Thru: Casing _____ Tubing X Type Well Single - Gas
Date of Completion: _____ Packer _____ Reservoir Temp. _____
Single-Bradenhead-G. G. or G.O. Dual

OBSERVED DATA

Tested Through XXXXXX (Prover) (Choke) XXXXXX (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						860		860		
1.		3/4	53		70°	53		128		3 hours
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.	12.365		65	.9905	.9608	1.0	625 MCF
2.							
3.							
4.							
5.							

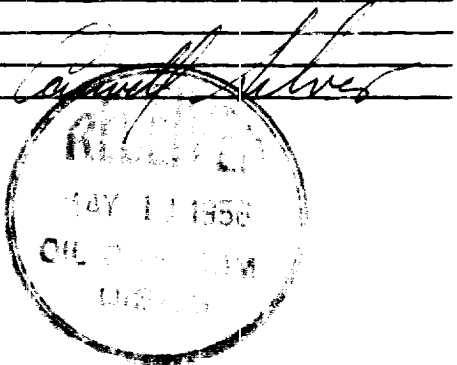
PRESSURE CALCULATIONS

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 860 P_c 739

No.	$\frac{P_w}{P_t}$ (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	$\frac{P_w}{P_c}$
1.						169	570		.149
2.									
3.									
4.									
5.									

Absolute Potential: 1,244 MCFPD; n .85
COMPANY Caswell Silver
ADDRESS 323 Simms Building, Albuquerque, New Mexico
AGENT and TITLE _____
WITNESSED M. J. Florance
COMPANY _____

REMARKS



Oil Export Control Commission