

O. C. D.

Form C-12

ARTESIA, OFFICE

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Malaga (Morrow) ☒ Formation Morrow County EddyInitial X Annual _____ Special X Date of Test Dec. 1, 1980Company Adams Exploration Company Lease Ann Com Well No. 1Unit G Sec. 15 Twp. 24-S Rge. 28-E Purchaser El Paso Natural GasCasing 5" Wt. 18.0# I.D. 4.276 Set at 12,709 Perf. 12,350 To 12,634Tubing 2 3/8" Wt. 4.7# I.D. 1.991 Set at _____ Perf. OE To _____Gas Pay: From 12,350 To 12,634 L _____ xG _____ -GL _____ Bar.Press. _____Producing Thru: Casing _____ Tubing X Type Well Single
Ready for production _____ Single-Bradenhead-G. G. or G.O. DualDate of Completion: 9-2-80 Packer 12,258 Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)

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			650							48 hr SI
1.	See remarks below:									
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.							
2.	See remarks below:						
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio No Hydc. Liq. cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})Specific Gravity Separator Gas .578
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 P _c
1.									
2.									
3.									
4.									
5.									

Absolute Potential: + 350 MCFPD; n _____COMPANY Adams Exploration CompanyADDRESS P. O. Box 10585, Midland, Texas 79702AGENT and TITLE J. C. Helm, Operations Manager

WITNESSED _____

COMPANY _____

REMARKS

Attempts were made to obtain a flow test on well after a 48 hr SI period. Well would not unload the water accumulation in the tubing. FTP went to zero in less than 1/2 hr of flowing and well remained dead thereafter. Attached letter from EPNG is submitted in verification of unsuccessful effort to obtain an open flow test.