

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Elanco-Muscardo Formation Muscardo County San JuanInitial I Annual _____ Special _____ Date of Test 4-12-57Company PAN AMERICAN PETROLEUM CORP. Lease State Gas Unit #1 Well No. 1Unit I Sec. 26 Twp. 21N Rge. 12W Purchaser State-GasCasing 7" Wt. 207 I.D. 6.406 Set at 4075 Perf. * To _____Tubing 2-3/8" Wt. 4.7 I.D. 1.975 Set at 4075 Perf. 4075 To 4075Gas Pay: From 4000 To 2170 L _____ xG .46 (est) -GL _____ Bar.Press. _____Producing Thru: Casing _____ Tubing I Type Well Gas - Single

Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 4-12-57 Packer _____ Reservoir Temp. 147° F. est.GL Elev: 6117RSD Elev: 6126

OBSERVED DATA

All depths from RSD

Tested Through (Gauge) (Choke) (Gauge)

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	2000-in for 7 days					1044	60	1073	60	
1.		1/4	41		60	41	60	103	60	3
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>12.345</u>		<u>71</u>	<u>1.000</u>	<u>.912</u>	<u>1.02</u>	<u>451</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 _____

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: _____ MCFPD; n _____

COMPANY PAN AMERICAN PETROLEUM CORPORATIONADDRESS Room 402, Washington, New MexicoAGENT and TITLE R. H. Bauer, Jr., Field Engineer

WITNESSED _____

COMPANY _____

REMARKS

* LINE: 3" CD 15' from 443-3197
Part. 4000-2140

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