

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco-Piñaredo Cliffs Formation Piñaredo Cliffs County San Juan
 Initial X Annual _____ Special _____ Date of Test 3-15-58
 Company PAN AMERICAN PETROLEUM CORP. Lease W. D. Heath "B" Well No. 2
 Unit 0 Sec. 31 Twp. 30N Rge. 9W Purchaser El Paso Natural Gas Company
 Casing 5 1/2" Wt. 140 I.D. 5.012 Set at 2622 Perf. 2330 To 2370
 Tubing 1.66 Wt. 2.37 I.D. 1-1/4 Set at 2354 Perf. 2343 To 2354
 Gas Pay: From 2330 To 2370 L 2350 xG 0.69(est) GL 1622 Bar.Press. 12
 Producing Thru: Casing X Tubing _____ Type Well Gas - Single
 Date of Completion: 2-27-58 Packer None Reservoir Temp. 94° F

OBSERVED DATA

Tested Through (None) (Choke) (None) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(None) (Line) Size	(Choke) (None) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI	<u>Shut in 14 days</u>					<u>1031</u>		<u>1031</u>		
1.	<u>2"</u>	<u>1/4"</u>	<u>287</u>		<u>60(est)</u>	<u>277</u>	<u>60(est)</u>	<u>287</u>	<u>60(est)</u>	<u>3</u>
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.	<u>12.363</u>		<u>279</u>	<u>1.000</u>	<u>0.9323</u>	<u>1.033</u>	<u>3323</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 1043 P_c² 1,087,849

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>85,321</u>	<u>1,006,328</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 2594 MCFPD; n 0.85
 COMPANY PAN AMERICAN PETROLEUM CORPORATION
 ADDRESS Box 107, Farmington, New Mexico
 AGENT and TITLE E. N. Heath, Jr., Field Engineer *E. N. Heath Jr.*
 WITNESSED _____
 COMPANY _____

REMARKS



