

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Falshaw Unit P.O. Formation Flinted G1170 County New Mexico
Initial X Annual _____ Special _____ Date of Test 12-23-64
Company Amoco Oil & Gas Company Lease 1000000 Well No. 3
Unit 3 Sec. 3 Twp. 24N Rge. 10E Purchaser Amoco Oil & Gas
Casing 3-1/2 Wt. 7.7 I.D. 3.000 Set at 2157 Perf. 1940 To 1979
Tubing 1" Wt. 1.7 I.D. 1.049 Set at _____ Perf. _____ To _____
Gas Pay: From _____ To _____ L 1940 xG 0.700(0.700) GL _____ Bar.Press. _____
Producing Thru: Casing X Tubing _____ Type Well Single gas
Date of Completion: 12-11-64 Packer _____ Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (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.	
1.	<u>1 1/2</u>	<u>3/8</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>12.33</u>		<u>47</u>	<u>1.000</u>	<u>0.700</u>	<u>1.000</u>	<u>730</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_c _____

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>17,400</u>	<u>21,000</u>		
2.									
3.									
4.									
5.									

Absolute Potential: Oil & Gas Company MCFPD; n _____

COMPANY _____

ADDRESS _____

AGENT and TITLE _____

WITNESSED _____

COMPANY _____

REMARKS _____

