

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool BLAND MOUNTAIN Formation PERMIAN County BLAND
Initial 2 Annual Special Date of Test 6-4-56
Company AMERICAN PETROLEUM COMPANY Lease 30-4 Well No. 25-4
Unit 1 Sec. 24 Twp. 30N Rge. 2E Purchaser
Casing 7-1/8" Wt. I.D. Set at 200.7 Perf. 2000 To 2000
Tubing 5" Wt. I.D. Set at 272 Perf. To
Gas Pay: From 2000 To 2000 L xG -GL Bar.Press. 20 PSIA
Producing Thru: Casing Tubing 2 Type Well SINGLE
Date of Completion: 5-22-56 Packer Reservoir Temp.
Single-Bradenhead-G. G. or G.O. Dual

OBSERVED DATA

Tested Through (2000) (Choke) (2000) 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										
1.										
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.							
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 75 = 2,000
COMPANY
ADDRESS
AGENT and TITLE G. E. Singer - Chief Test Engineer
WITNESSED
COMPANY

REMARKS



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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