

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Formation Mesa Verde County San Juan
Initial X Annual _____ Special _____ Date of Test 3/28/56
Company El Paso Natural Gas Lease Heaton Well No. 5
Unit 880th, 1190thW
Sec. 28 Twp. 31N Rge. 11W Purchaser _____
Casing 5 1/2 4472-4948
7 Wt. _____ I.D. _____ Set at 4552 Perf. _____ To _____
Tubing 2 Wt. _____ I.D. _____ Set at 4845 Perf. _____ To _____
Gas Pay: From 4674 To 4786 L. _____ xG 0.685 -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: _____ Packer _____ 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.	
1.		<u>3/4</u>	<u>417</u>			<u>1053</u>	<u>70</u>	<u>3 hours</u>
2.						<u>1055</u>	<u>69</u>	
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>14.1605</u>		<u>429</u>	<u>0.9905</u>	<u>0.9359</u>	<u>1.045</u>	<u>5885</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

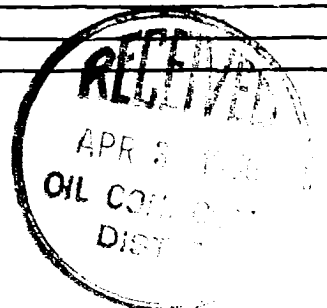
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
P_c _____ (1-e^{-s})

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.									
2.									
3.									
4.									
5.									

Absolute Potential: 21,460 MCFPD; n 0.750
COMPANY El Paso Natural Gas Company
ADDRESS P. O. Box 997, Farmington, N.M.
AGENT and TITLE L. D. Galloway, Sr. Gas Engineer
WITNESSED _____
COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
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