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 3/16/56

Company El Paso Natural Gas Company Lease Lindsey Well No. 1-A

Unit H Sec. 19 Twp. 30 Rge. 8 Purchaser ____

Casing 5½ Wt. 15.5 I.D. ____ Set at 4832 Perf. ____ To ____

Tubing 2 Wt. 4.7 I.D. ____ Set at 4804 Perf. ____ To ____

Gas Pay: From 4186 To 4824 L ____ xG .600 -GL ____ Bar.Press. ____

Producing Thru: Casing ____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 1/21/56 Packer ____ Reservoir Temp. ____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) Choke Type Taps ____

No.	Flow Data (Prover) (Line) Size	Flow Data (Choke) (Orifice) Size	Flow Data Press. psig	Flow Data Diff. h_w	Flow Data Temp. °F.	Tubing Data Press. psig	Tubing Data Temp. °F.	Casing Data Press. psig	Casing Data Temp. °F.	Duration of Flow Hr.
SI						1086		1102		
1.						470	65	1011		3 hours
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.	4.1605		482	.9952	1.000	1.038	7051
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio ____ cf/bbl. Specific Gravity Separator Gas ____

Gravity of Liquid Hydrocarbons ____ deg. Specific Gravity Flowing Fluid ____

F_c ____ $(1-e^{-s})$ ____ P_c 1114 P_c^2 1,240,996

No.	P_w / P_t (psia)	P_t^2	F_cQ	$(F_cQ)^2$	$\frac{(F_cQ)^2}{(1-e^{-s})}$	P_w^2	$P_c^2-P_w^2$	Cal. P_w	$\frac{P_w}{P_c}$
1.	1023								
2.									
3.									
4.									
5.									

Absolute Potential: 28,310 MCFPD; n .75

COMPANY El Paso Natural Gas Company

ADDRESS P. O. Box 997, Farmington, N.M.

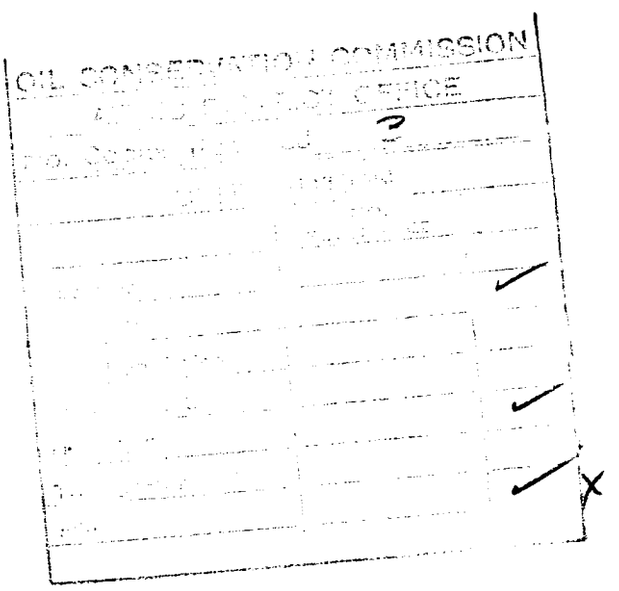
AGENT and TITLE L. D. Galloway

WITNESSED ____

COMPANY ____

REMARKS

Tested by H. L. Kendrick


OIL CONSERVATION COMMISSION