NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesa Verde Formation Mesa Verde County San Juan

Initial X Annual _____ Special _____ Date of Test 3/19/56

Company El Paso Natural Gas Co. Lease San Juan 32-9 Well No. 25

Unit G Sec. 2 Twp. 31N Rge. 10W Purchaser _____

Casing 5½ Wt. _____ I.D. _____ Set at 5590 Perf. 3240 To _____

Tubing 2 Wt. 4.7 I.D. 1.995 Set at 5516 Perf. _____ To _____

Gas Pay: From _____ To _____ L _____ xG 0.650 -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) 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		3/4			77	1011		1012		3 hours
1.						418		924		
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.	14.1605		430	0.9840	0.9606	1.038	5975
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

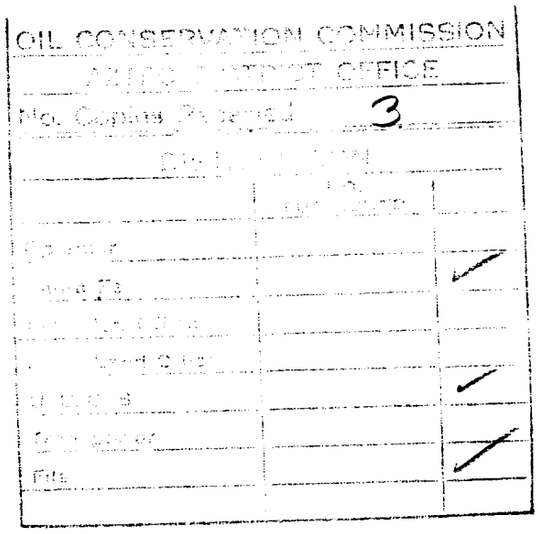
Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
F_c _____ $(1-e^{-s})$ _____ P_c _____ P_c^2 _____

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

Absolute Potential: 23,123 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

RECEIVED
MAR 22 1956
OIL CON. COM.
DIST. 3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