NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Wildcat Formation Pictured Cliff County San Juan

Initial X Annual ____ Special ____ Date of Test 3/24/56

Company J. Glenn Turner Lease Huerfanito Well No. 43-22

Unit L Sec. 22 Twp. 27N Rge. 9W Purchaser ____

1650'S, 990'W

Casing 5½ Wt. 14 & 15½ D. ____ Set at 2315 Perf. ____ To ____

Tubing 1 Wt. 1.68 I.D. ____ Set at 2365 Perf. ____ To ____

Gas Pay: From 2315 To 2379 L ____ xG .660 -GL ____ Bar.Press. ____

Producing Thru: Casing X Tubing ____ 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 ____

	Flow Data					Tubing Data		Casing Data		
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h_w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	Duration of Flow Hr.
SI						641		641		
1.	3/4	16.5				2.5	72	16.5		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.	11.1605		28.5	.9887	.9535	1.000	380
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	$(F_cQ)^2$	$\frac{(F_cQ)^2}{(1-e^{-s})}$	P_w^2	$P_c^2-P_w^2$	Cal. P_w	$\frac{P_w}{P_c}$
1.									
2.									
3.									
4.									
5.									

Absolute Potential: 381 MCFPD; n 0.850
COMPANY El Paso Natural Gas Comp.
ADDRESS Box 997 [illegible] N.M.
AGENT and TITLE [illegible]
WITNESSED [illegible] Stoebe
COMPANY Benson [illegible]tin Greer

REMARKS

OIL CONSERVATION COMMISSION

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