

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Ballard Pictured Cliff Formation Pictured Cliff County San Juan
Initial I Annual _____ Special _____ Date of Test April 4, 1956
Company J. Glenn Turner Lease Huerfano Well No. 42-27
Unit B Sec. 27 Twp. 27N Rge. 9W Purchaser _____
Casing 5 1/2 Wt. _____ I.D. _____ Set at 2285 Perf. _____ To _____
Tubing 1 Wt. _____ I.D. _____ Set at 2342 Perf. _____ To _____
Gas Pay: From 2285 To 2349 L _____ xG 0.735 -GL _____ Bar.Press. _____
Producing Thru: Casing I 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 _____

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						606		606		
1.		3/4	18			19		18	59	3 hours
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.	14.1605		30	1.0010	0.9035	1.0000	284
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_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: 305 MCFPD; n 0.850
COMPANY El Paso Natural Gas Company
ADDRESS Box 997, Farmington, N.M.
AGENT and TITLE Kenneth C. McBride, Gas Engineer
WITNESSED W. L. Stoebe
COMPANY W. L. Stoebe

REMARKS



BIL. OF THE HOUSE OF REPRESENTATIVES			
JANUARY 1891			
JANUARY 1891			
1	2	3	4
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