

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco - Mesaverde Formation Mesaverde County San JuanInitial I Annual _____ Special _____ Date of Test 8/8/57Company Delhi-Taylor Oil Corporation Lease _____ State _____ Well No. 4Unit N Sec. 32 Twp. 29N Rge. 9W Purchaser Southern Union Gas Co.* Casing 7 5/8 Wt. 26.40 I.D. 6.969 Set at 2362 Perf. 4490 To 4580Tubing 2 3/8 Wt. 4.70 I.D. 1.995 Set at 4543 Perf. 4543 To 4533

Gas Pay: From _____ To _____ L _____ xG _____ -GL _____ Bar.Press. _____

Producing Thru: Casing _____ Tubing I Type Well SingleDate of Completion: 8/1/57 Packer No Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. _____* Liner 5 1/2" 15.50 2299 - 4628

OBSERVED DATA

Tested Through 2" Blow Nipple
(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									
1.	Pitot	Tube	22		50	1040		1032	
2.								456	3 Hours
3.									
4.									
5.									

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wbf}}$	Pressure Pipe psia Multiplier	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	3.0424		1.068	1.0098	0.9811		3,219
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas-Liquid Hydrocarbon Ratio _____ scf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1052 P_c 1106.704

No.	P _w (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.						219.024	887.680		
2.									
3.									
4.									
5.									

Absolute Potential: 3,798 MCFPD; n 0.75COMPANY Delhi-Taylor Oil CorporationADDRESS P. O. Box 1175 Farmington, New MexicoAGENT and TITLE J. E. Fraser Dist. Engineer

WITNESSED _____

COMPANY _____

REMARKS _____



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