

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 X Annual _____ Special _____ Date of Test 5/29/56Company Delhi-Taylor Oil Corporation Lease K. F. Moore Well No. 4Unit H Sec. 5 Twp. 30N Rge. 8W Purchaser Southern Union Gathering Co.* Liner Casing 5.500 Wt. 14.00 I.D. 5.012 Set at 5176 Perf. 5114 To 5286Tubing 2.375 Wt. 4.70 I.D. 2.995 Set at 5398 Perf. 5388 To 5398Gas Pay: From 5114 To 5286 L _____ xG 0.670 -GL _____ Bar.Press. 12.00Producing Thru: Casing X Tubing _____ Type Well Single

Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 5/22/56 Packer No Reservoir Temp. _____* 7.625" 26.40' 6.969" 3176' OBSERVED DATATested Through (Proven) (Choke) (Water) Type Taps _____

Flow Data						Tubing	Data	Casing Data		Duration of Flow Hr.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI		"				1000		1000		
1.		3/4				750		712	60	3 Hr.
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.	<u>12.3650</u>		<u>724</u>	<u>1.0000</u>	<u>0.8463</u>	<u>1.0722</u>	<u>9,133.997</u>
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 1012 P_c² 1,024,144

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.						<u>524.176</u>	<u>499.968</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 15,639 MCFPD; n 0.75COMPANY Delhi-Taylor Oil CorporationADDRESS P. O. Box 1175 Farmington, New MexicoAGENT and TITLE W. H. Heger, Dist. Eng.

WITNESSED

COMPANY

REMARKS

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