

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Undesignated Dakota Formation Dakota County San Juan

Initial XXX Annual _____ Special _____ Date of Test _____

Company Dalhi-Taylor Oil Corp. Lease Sallars Well No. 1

Unit B Sec. 30 Twp. 30N Rge. 10W Purchaser _____

Casing 5-1/2" Wt. 176 I.D. 4.992 Set at 7234 Perf. 7211 To 7236

Tubing 1" Wt. 4.70 I.D. 1.993 Set at 7206 Perf. 7200 To 7206

Gas Pay: From 7010 To 7236 L 7211 xG .636 -GL 4000 Bar.Press. 12

Producing Thru: Casing _____ Tubing XX Type Well Single gas

Date of Completion: 6-27-60 Packer None Reservoir Temp. _____

OBSERVED DATA

Tested Through 1111111 (Choke) 1111111

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.	
1.						2107		2103		10 days
2.		3/4"	214		81°	214	81°	220		3 hours
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.	12.965		226	.9894	.9721	1.021	2719
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 2209 psia P_c 4800

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.						767	4173		.300
2.									
3.									
4.									
5.									

Absolute Potential: 2000 MCFPD; n = .75

COMPANY Dalhi-Taylor Oil Corporation

ADDRESS P. O. Box 1198, Farmington, New Mexico

AGENT and TITLE Jack P. Barry - Dist. Engineer

WITNESSED Tom Grant

COMPANY El Paso Natural Gas Company

REMARKS



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OIL CONSERVATION COMMISSION	
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