

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 4/4/56Company Dalhi-Taylor Oil Corporation Lease Florence Well No. 26-TUnit M Sec. 25 Twp. 29N Rge. 9W Purchaser Southern Union Gathering Co.Casing 9 5/8" Wt. 36 I.D. 8.921 Set at 2512 Perf. 2374 To 2466Inner 7" Wt. 20 I.D. 6.456 Set at 2475-4757 Perf. 4030 To 4064 and fromTubing 2 1/2" Wt. 6.50 I.D. 2.441 Set at 0-2523 ~~4626~~ To 47002" Wt. 4.70 I.D. 1.995 Set at 2523-4636 Perf. 4626 To 4686Gas Pay: From 4030 To 4700 L 4626 xG 0.690 -GL 3192 Bar.Press. 12.0Producing Thru: Casing _____ Tubing I Type Well G. G. Dual

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

Date of Completion: 3/24/56 Packer At 2523' 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						<u>1025</u>		<u>-</u>		
1.		<u>3/4</u>	<u>452</u>		<u>75</u>	<u>452</u>	<u>75</u>	<u>-</u>		<u>3 Hours</u>
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.	<u>14.1605</u>		<u>464</u>	<u>0.9859</u>	<u>0.9325</u>	<u>1.0456</u>	<u>6,316</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 1037 P_c² 1075.37

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>215.30</u>	<u>860.97</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 7,471 MCFPD; n 0.75COMPANY Dalhi-Taylor Oil CorporationADDRESS P. O. Box 1175 Farmington, New MexicoAGENT and TITLE J. E. Kruger, Dist. Engineer

WITNESSED _____

COMPANY _____

REMARKS

This well is a Picture Cliffs - Mesaverde dual completion. See letter of application dated April 2, 1956.

OIL CONSERVATION COMMISSION	
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NO. COMEX. REC-100	3
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DATE	TIME
BY	INITIALS
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