

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco-Pictured Cliffs Formation Pictured Cliffs County Rio Arriba
Initial I Annual _____ Special _____ Date of Test 3/9/56
Company Stanolind Oil & Gas Company Lease Jicarilla Contract 148 Well No. 5
Unit 0 Sec. 13 Twp. 25N Rge. 9W Purchaser _____
Casing 5 1/2" Wt. 14.4 I.D. 5.012" Set at 3230 Perf. 3180 To 3180
Tubing 2-3/8" Wt. 4.74 I.D. 1.995 Set at 3155 Perf. 3149 To 3155
Gas Pay: From 3172 To 3200 L 3142 xG .65 -GL 204.1 Bar.Press. 12.000
Producing Thru: Casing _____ Tubing I Type Well Gas - single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 3-9-56 Packer _____ Reservoir Temp. 125° F est

RDS - 6923'

CR - 6914'

OBSERVED DATA

Tested Through (Packer) (Choke) (None) 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.		<u>3/4</u>	<u>495</u>		<u>60°</u>	<u>1041</u>	<u>60°</u>	<u>1041</u>		<u>3 hrs.</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>12.3890</u>		<u>907</u>	<u>1.0000</u>	<u>.9808</u>	<u>1.055</u>	<u>6.395</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

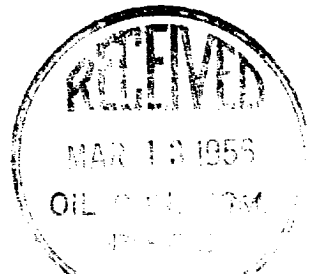
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid 0.65
P_c 1053 P_c 1100.0

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>692.2</u>	<u>426.6</u>		<u>.790</u>
2.									
3.									
4.									
5.									

Absolute Potential: 14,600 MCFPD; n .45
COMPANY STANOLIND OIL AND GAS COMPANY
ADDRESS Box 489, Farmington, New Mexico
AGENT and TITLE John R. Clark, Field Engineer *JR Clark*
WITNESSED _____
COMPANY _____

REMARKS



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