

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Astec-Island Cliffs Formation Pictured Cliffs County San JuanInitial I Annual _____ Special _____ Date of Test 11/3/56Company STANLIND OIL AND GAS COMPANY Lease Norris Gas Unit Well No. 11/3/56 /Unit I Sec. 26 Twp. 29N Rge. 10W Purchaser Not ConnectedCasing 5-1/2 Wt. 140 I.D. 5.012" Set at 1929 Perf. 1862 To 1874Tubing 1-3/4 Wt. 240 I.D. 1" Set at 1876 Perf. 1886 To 1896Gas Pay: From 1862 To 1874 L 1874 xG 0.65 est. GL _____ Bar.Press. 11,000 est.Producing Thru: Casing I Tubing _____ Type Well Single - GasDate of Completion: 11/3/56 Packer None Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. 90° F.G. L. Flow: 5535'

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>60</u>	<u>60</u>	<u>60</u>	<u>60</u>	
1.		<u>3/4</u>	<u>28</u>			<u>31</u>	<u>60</u>	<u>28</u>		<u>3 hr.</u>
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>12.3530</u>		<u>40</u>	<u>1.000</u>	<u>0.9008</u>	<u>1.000</u>	<u>475</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e⁻⁸)Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid 0.65 est.
P_c 674 P_c 484

No.	P _w P _t (psia)	P _c ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ⁻⁸)	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.						<u>2.6</u>	<u>482.8</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 475 MCFPD; n 0.85COMPANY STANLIND OIL AND GAS COMPANYADDRESS Box 487, Farmington, New MexicoAGENT and TITLE R. M. Rader, Jr., Field Engineer RMBader Jr.

WITNESSED _____

COMPANY _____

REMARKS



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