

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Antelope-Pictured Cliffs Formation Pictured Cliffs County San Juan
Initial X Annual _____ Special _____ Date of Test 3-19-56
Company Stanolind Oil and Gas Company Lease Abraham Gas Unit A Well No. 1
Unit I Sec. 26 Twp. 29N Rge. 10W Purchaser None
Casing 5-1/2" Wt. 24.5 I.D. 5.012 Set at 1950 Perf. 1892 To 1920
Tubing 1-3/4" Wt. 2.45 I.D. 1.360 Set at 1900 Perf. 1902 To 1906
Gas Pay: From 1890 To 1920 L 1902 xG .45 -GL 1240 Bar.Press. 12,000
Producing Thru: Casing X Tubing _____ Type Well Single Gas
Date of Completion: 3-19-56 Packer _____ Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. 92

OBSERVED DATA

Tested Through (none) (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>1/4"</u>	<u>205</u>		<u>60</u>	<u>23</u>	<u>60</u>	<u>67</u>		<u>1 hr.</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>12.5100</u>		<u>205</u>	<u>1.0000</u>	<u>.9408</u>	<u>1.000</u>	<u>3.908</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

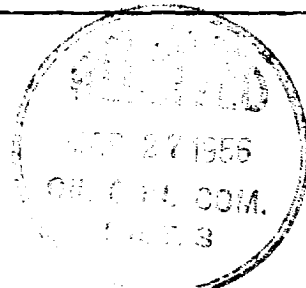
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid .45
P_c 691 P_c 477.5

No.	$\frac{P_w}{P_t}$ (psia)	P_t^2	F _c Q	(F _c Q) ²	$\frac{(F_c Q)^2}{(1-e^{-s})}$	P _w ²	P _c ² -P _w ²	Cal. P _w	$\frac{P_w}{P_c}$
1.						<u>74.7</u>	<u>400.8</u>		<u>.402</u>
2.									
3.									
4.									
5.									

Absolute Potential: 3,430 MCFPD; n 0.85
COMPANY STANOLIND OIL AND GAS COMPANY
ADDRESS Box 407
AGENT and TITLE John H. Clark, Field Engineer
WITNESSED _____
COMPANY _____

REMARKS



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