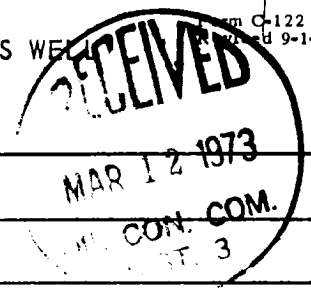


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 2-15-73		RECEIVED MAR 12 1973 NEW MEXICO OIL CON. COM. 3	
Company Lynco Oil Company				Connection					
Pool Blanco Mesa Verde				Formation Mesa Verde				Unit	
Completion Date		Total Depth 5300		Plug Back TD		Elevation 6282 KB		Farm or Lease Name Schumacher	
Csg. Size ★	Wt.	d	Set At	Perforations: From 4550 To 5260				Well No. 1	
Tbg. Size 1 1/4	Wt. 2.33	d	Set At 5241	Perforations: From To				Unit Sec. Twp. Rye. K 18 30 10	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single - Gas						Packer Set At		County San Juan	
Producing Thru Casing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	2 x 3/4						0		1050		742
2.							0		317		3 hrs
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	12.3650		329		.9608	1.035	4043
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX	
3.					Specific Gravity Flowing Fluid _____ XXXXXX	
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5.					Critical Temperature _____ R _____ R	

P _c 1062 P _c ² 1127844				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1.			108993	1018851
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1070$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0902$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4408$

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope Θ _____	Slope, n .85
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Remarks: * 7" 0 to 2936'
 4 1/2" 2936 to 5325'

Approved By Commission:	Conducted By: Tefteller, Inc.	Calculated By: Neil Tefteller	Checked By:
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