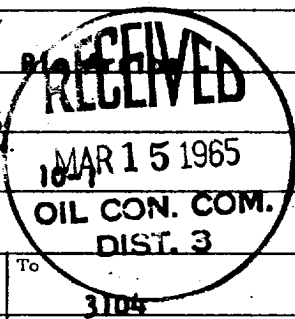


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool South Blanco			Formation Pictured Cliffs			County		
Initial X		Annual		Special		Date of Test 3-6-65		
Company Wagenseller and August				Lease Jicarilla Contract #168			Well No.	
Unit 1	Sec. 13	Twp. 23N	Range 3W		Purchaser El Paso			
Casing 4 1/2	Wt. 9.5	I.D. 4.090	Set at 3150		Perf. 3094	To 3104		
Tubing 2 3/8	Wt. 4.7	I.D. 1.995	Set at 3101		Perf. 3101	To		
Gas Pay: From 3094		To 3104		L 3101	G 0.67 est	GL	Bar. Press. 12.0	
Producing Through:			Casing	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 11-18-64		Packer -			Reservoir Temp. 101			



OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ THC Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.						893		897		
2.										
3.		3/4 THC	43		51			141		3 hrs
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia
1.							
2.							
3.	12.365		55	1.0088	0.9463	1.000	649
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c _____ (1-e^{-S}) _____ P_c **909** P_c² **826,281**

No.	$\frac{P_w}{P_t}$ 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	$\frac{P_w}{P_c}$
1.									
2.									
3.						23,409	802,872		1.0292
4.									
5.									

ABSOLUTE POTENTIAL: **665** MCFPD: **10.85/1.0247**

COMPANY **Wagenseller and August** WITNESSED _____

ADDRESS **1705. Bev. Drive, Beverly Hills, Cal** COMPANY _____

AGENT AND TITLE **M. B. Jones, Engineer**

Original Signed by
MORRIS B. JONES