

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

Form C-122
Revised 9-1-65

RECEIVED
DEC - 9 1999

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12/6/99	
Company SCHALK DEVELOPMENT CO.		Connection New Completion	
Pool Blanco Mesa Verde		Formation Mesa Verde	
Completion Date 11-13-99	Total Depth 8030'	Plug Back TD 6750'	Elevation 6574' GR
Farm or Lease Name NM 4454		Well No. Schalk 54 #1E	
Csg. Size 4.500	Wt. 11.60	Set At 8030	Perforations: From 5566 To 5901
Thg. Size 2-7/8"	Wt. 3.5	Set At 5524'	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - single		Packer Set At 5520'	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a 12.0
State New Mexico		Prove: Meter Run Taps	
L	H	Gg	% CO ₂ % N ₂ % H ₂ S

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prove 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.	
SI							690		12	
1.	2	x	.375				70		12	
2.										
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	2.388		82	1.000	1.008	1.007	199
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
					Specific Gravity Separator Gas _____ X X X X X X X X
					Specific Gravity Flowing Fluid _____ X X X X X
					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					
5					

Absolute Open Flow	199	Mcf @ 15.025	Angle of Slope θ	Slope, n
Remarks:				

Calculated By:	Checked By:
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