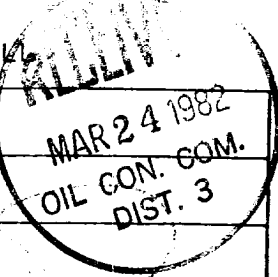


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☐ Initial ☐ Annual ☒ Special				Test Date 3/5/82	
Company M.R. SCHALK				Connection NEW COMPLETION	
Pool BASIN DAKOTA				Formation DAKOTA	
Completion Date 2/7/82		Total Depth 6359'		Plug back TD 6312'	
Elevation 6033'		Farm or Lease Name FULLERTON GAS COM			
Csq. Size 4.500	Wt. 10.5#	d d	Set At 6351'	Perforations: From 6172' To 6262'	
Thg. Size 2.375	Wt. 4.7#	d d	Set At 6248'	Perforations: From To	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple SINGLE - GAS				Packer Set At NONE	
Producing Thru TUBING		Reservoir Temp. °F #		Mean Annual Temp. °F 12.0	
Baro. Press. - P _a 12.0		State NEW MEXICO			
L	H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover 3/4" CHOKE				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	
SI	2	X	.750	186		60°	1780		1740		SIP
1.							186		751		3 hrs.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		198	1.000	.9608	1.014	2385
2.							
3.							
4.							
5.							

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

P _c 1752	P _c ² 3069504				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		763	582169	2487335	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2340$
2					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1708$
3					
4					
5					

Absolute Open Flow 2792 Mcfd @ 15.025 Angle of Slope ϕ Slope, n .75

Remarks:

Approved By Division	Conducted By: R.E. ELLIOTT	Calculated By: J.E. EVANS	Checked By:
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