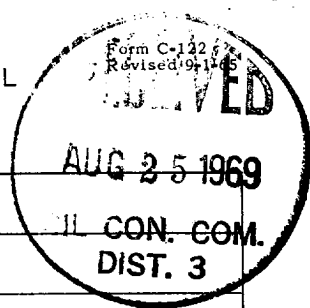


3-000 1-M² Hugh T-MODII 1-ET PDSO 1-ETIC

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



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-26-69				
Company Hughes Tool Co.					Connection				
Pool Barnett					Formation				
Completion Date 7-26-69					Total Depth 7100				
Plug Back TD 7100					Elevation 1500				
Farm or Lease Name Licence A					Well No. 2				
Csg. Size 14.155 in		Wt. 2.25 lb/ft		Set At 7100		Perforations: From 7100 To 7100		Unit Sec. Twp. Rge. 1 2 50	
Teg. Size 14.155 in		Wt. 2.25 lb/ft		Set At 7100		Perforations: From 7100 To 7100		Unit Sec. Twp. Rge. 1 2 50	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple 4-in. gas well					Packer Set At 7100				
Producing Thru 7100					Reservoir Temp. °F @ 7100				
Mean Annual Temp. °F 7100					Baro. Press. - P _a 14.7				
L 14.155		H 14.155		Gg 1.15		% CO ₂ 0		% N ₂ 0	
% H ₂ S 0		Prover 14.155		Meter Run 14.155		Taps 14.155			

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.	
1										
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	1.014						1200
3							
4							
5							

NO.	P _i	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1						
2						
3						
4						
5						

NO.	P _i ²	P _w ²	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.014$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n/2} = 1.014$

(3) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n/2} = 1.014$

Absolute Open Flow 1200 @ 15.025 Angle of Slope Θ 0 Slope, n 0.000

Remarks:

Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____