

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-28-70	
Company Chanarral Oil & Gas Co.				Connection		
Pool Fulcher-Kutz				Formation Pictured Cliffs		Unit J
Completion Date 2-18-70		Total Depth 1990		Plug Back TD 1990		Elevation 5852 DF
Csg. Size 4 1/2	Wt. 9.5	d	Set At 1990	Perforations: From 1874 To 1934		Well No. 1
Tbg. Size 1 1/2	Wt. 1.90	d	Set At 1875	Perforations: From 1867 To 1875		Unit Sec. Twp. Rge. J 13 28N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a
County San Juan		State N. Mex.				
L	H	G _q	% 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
SI							295		295		7 day
1.							75		218		3 hr.
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	12.365		87		9258		996
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 307	P _c ² 94249	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2794$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.0143$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		230	52900	41349
2				
3				
4				
5				

Absolute Open Flow 2006 _____ Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		

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