

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 3/9/70	
Company Chaparral Oil & Gas Co.		Connection	
Pool Fulcher Kutz		Formation Pictured Cliffs	
Completion Date 3/9/70		Total Depth 1922'	Plug Back TD 1922'
		Elevation 5853 Gr	Farm or Lease Name Sally
Csg. Size 4 1/2"	Wt. 9.5	Set At 1922'	Perforations: From 1863' To 1869'
Thq. Size 1 1/2"	Wt. 1.90	Set At 1864.54'	Perforations: From 1877' To 1887'
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	Well No. 1
Producing Thru Tubing		Reservoir Temp. °F a	Mean Annual Temp. °F
		Baro. Press. - P _a	Unit Sec. Twp. Rge. 0 24- 28N- 11W
L	H	G _q	County San Juan
		% CO ₂	State New Mexico
		% 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	2"		3/4"				272		272		7 Days
1.							32		198		3 Hours
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		44	1.0000	.9258	1.0000	504
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

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		210	44100	36.556	2.2064	1.9594
2						
3						
4						
5						

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

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