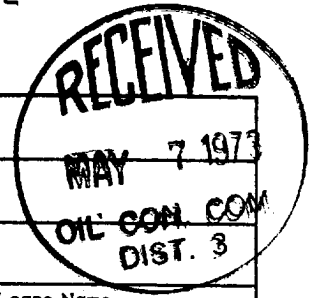


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-5-73	
Company Dugan Production Corp				Connection			
Pool Undesignated - P.C.				Formation Pictured Cliffs		Unit	
Completion Date 4-28-73		Total Depth		Plug Back TD		Elevation 6023 GR	
Csg. Size 2 1/2"	Wt. 6.5#	d	Set At 1556	Perforations: From 1528 To 1538		Well No. 5	
Tbg. Size 1 1/4"	Wt. 2.4#	d 1.380	Set At 1535	Perforations: From Open End To		Unit Sec. Twp. Rge. A 36 27N 12W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas				Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _g	
State New Mexico							
L	H	Gg .62 est.	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							328		410	
1.										
2.	5/8" Pos Choke			58		67°			259	
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	8.5417		70	.9933	.9837	1.0000	584
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 422	P _c ² 178,084					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7018$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n-.85} = 1.5713$
1						
2		271	73,441	104,643		
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 918$

Absolute Open Flow 918 Mcfd @ 15.025

Angle of Slope θ _____ Slope, n .85

Remarks: _____

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