

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 11-12-77	
Company Dugan Production Corp.		Connection	
Pool WAW Pictured Cliffs		Formation Pictured Cliff	
Completion Date 10-28-77		Total Depth 1450'	Plug Back TD 1392'
		Elevation 6080' GR	Farm or Lease Name KR
Csg. Size 2-7/8	Wt. 6.4#	Set At 1433'	Perforations: From 1340 To 1350
Tbg. Size 1-1/4	Wt. 2.3#	Set At 1350'	Perforations: From Open To Ended
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At	County San Juan
Producing Thru Tbg	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a
L	H	Gg .62	% 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							250		250		7 days
1.											
2.											
3.	5/8 Pos. Choke						9	60	42		3 hrs.
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, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3	8.5417		21	1.000	.9837	1.000	176
4							
5							

NO.	P _t	Temp. °R	T _r	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 262	P _c ² 68644	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0443$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0378$
NO	P _t ²	P _w	P _w ²
1			
2			
3	54	2916	65728
4			
5			

Absolute Open Flow 182 Mcfd @ 15.025		Angle of Slope @ .85
Remarks:		

Approved By Commission:	Conducted By: Charles Hall	Calculated By: Charles Hall	Checked By:
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