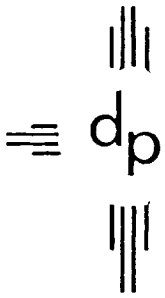


Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		8-06-79																																																																									
Company				Dugan Production Corp.				Connection																																																																											
Pool				WAW Fruitland PC				Formation				Pictured Cliffs				Unit																																																																			
Completion Date				7-30-79				Total Depth				1230'				Plug Back TD				1128'				Elevation				5999' GR				Farm or Lease Name				Mike																																															
Csg. Size				2-7/8"				Wt.				6.4#				Set At				1210'				Perforations:				From 1090 To 1110				Well No.				1A																																															
Tbg. Size				1-1/4"				Wt.				2.4#				Set At				1102'				Perforations:				From Open End To				Unit				D				Sec.				20				Twp.				26N				Rge.				12W																							
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												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. h _w		Temp. °F		Press. p.s.i.g.		Temp. °F		Press. p.s.i.g.		Temp. °F		Press. p.s.i.g.		Temp. °F		Duration of Flow																																																									
SI														165				165								7 days																																																									
1.																																																																																			
2.																																																																																			
3.		5/8" pos choke				26				700								117								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, Fpv		Rate of Flow Q, Mcfd																																																																					
1																																																																																			
2.																																																																																			
3.		8.5417				38		.9905		.9882		1.000		318																																																																					
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 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		177		P _c ²		31,329																																																																													
NO		P _t ²		P _w		P _w ²		P _c ² - P _w ²		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1330$																		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 605$																																																							
1																																																																																			
2																																																																																			
3				129		16,641		14,688		AOF = Q																																																																									
4																																																																																			
5																																																																																			
Absolute Open Flow 605 Mcfd @ 15.025 Angle of Slope 0 Slope, n .85																																																																																			
Remarks:																																																																																			
Approved By Commission:												Conducted By: Hall												Calculated By: Jacobs												Checked By:																																															



dugan production corp.

August 6, 1979

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: Dugan Production Corp.
Mike #1A
860' FNL - 860' FWL
Section 20 T26N R12W
San Juan County, NM

Gentlemen:

This is to certify that deviation tests were run on the captioned well
and the following is a true report of those tests:

1/4⁰ @ 1180'

Sincerely,


Thomas A. Dugan
President

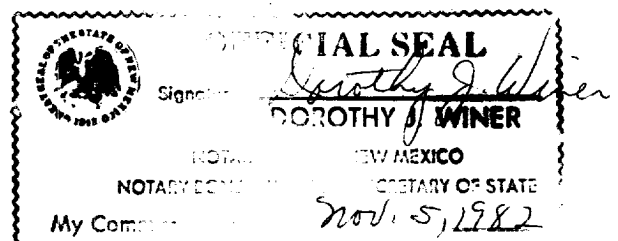
pb
State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 6th day of Aug, 19 79.



Notary Public

My commission expires November 5, 1982



100-443887-100