

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

Form G-122
Revised 10-1-65

OCT 5 1970

OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special			Test Date 9-22-70		OIL CON. COM. DIST. 3
Company Indep Oil & Gas Co.			Connection S.U.G. Gathering Co.		
Pool Basin Dakota			Formation Dakota		
Completion Date 9-22-70		Total Depth 7050	Plug Back TD 7020	Elevation 6521 Gr.	Farm or Lease Name Hacks
Csg. Size 1 1/2	Wt. 10.50	Set At 7050	Perforations: From 6044 To 6970		Well No. 12-V
Tub. Size 1 1/2	Wt. 2.90	Set At 6947	Perforations: From To		Unit Sec. Twp. Rge. H 7 27N 9E
Type Well - Single - Bradenhead - G.G. or G.O. Multiple			Packer Set At		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a	State N. Mexico
L	H	G _g	% 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	2"		3/4"				1455		1450		
1.							325		1196		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12,365		337	1.0000	.9258	1.0000	3858
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	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		1208	1,459,264	692,825	2.1063	2.3396
2.						
3.						
4.						
5.						

Absolute Open Flow 9026 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

Approved By Commission: OCT 5 1970	Conducted By:	Calculated By: <i>[Signature]</i>	Checked By:
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