

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

Form C-122
 Revised 9-1-65

☒ Initial ☐ Annual ☐ Special				Test Date: 12-21-79	
Company: Consolidated Oil & Gas, Inc.				Location:	
Field: Mesa Verde				Unit: Mesa Verde	
Section:		Total Depth: 6909		Formation:	
Casing Size: 5 1/2" ID, 15 WT.		Set At: 6909		Perforations: From 4478 To 4742	
Tubing Size: 1 1/4" ID		Set At: 4611		Perforations: From To	
Type Well - Single - or - Headhead - G.G. or G.O. Multiple				Packer Set At: 6650	
Well No.: 7M				Form or Lease Name: O'Shay	
Producing Thru: Tubing		Reservoir Temp. °F:		Mean Annual Temp. °F:	
L:		H:		Base Press. - P _b : 12.0	
G _g : .650		% CO ₂ :		% H ₂ S:	
Prover: 6" Nipple		Meter Run:		Taps:	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
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	
7 days						1012		1015		3 hrs.
6" X 3/4"						83		473	60°	

RATE OF FLOW CALCULATIONS						
Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Factor P ₁	Gravity Factor P ₂	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf
11.00		95	1.000	1.240	1.000	1296

P ₁	Temp. °R	T ₁	Z	Gas-Liquid Hydrocarbon Ratio _____ Mcf/bbl.
				App. Gravity of Liquid Hydrocarbons _____ Den.
				Specific Gravity Gas to Air _____ XXXXXXXXXX
				Specific Gravity Flowing Fluid _____ XXXXX
				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
				Critical Temperature _____ R _____ R

P ₁ ²	P _w	P _w ²	P _e ² - P _w ²	(1) $\frac{P_e^2}{P_e^2 - P_w^2} = 1.2959$	(2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 1.2145$
6889	485	235225	795000		

Rate of Flow: 1574.09 Measured (5.00) Angle of Slope: 53.13°	
Approved By Commission: _____ Conducted By: Tefteller, Inc. Calculated By: Neil Tefteller Checked By: _____	