

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 4-2-80	
Company Consolidated Oil & Gas, Inc.						Connection	
Pool Blanco Mesa Verde						Formation Mesa Verde	
Completion Date		Total Depth		Plug Back TD 6844		Elevation	
Farm or Lease Name Landauer						Well No.	
Csg. Size 5 1/2	Wt. 15.5	d	Set At 6870	Perforations: From To		Unit 1-M	
Tbg. Size 1 1/4	Wt. 2.9	d	Set At 4594	Perforations: From 3770-3814 To 4424-4690		Unit Sec. Twp. Rge. 1 3 31 13	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At	
Dual gas						6560	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
Tubing		@		12.0		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover 6" nipple	Meter Run Taps
.650 est.							

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.		Temp. °F
1.	7 days +						1055		1055		3 hours
2.	2 X 3/4						114	60	930		
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	11.00		126	1.000	1.240	1.012	1739
2.							
3.							
4.							
5.							

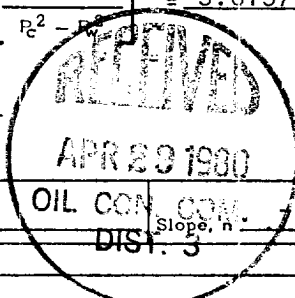
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1067 P _c ² 1138489				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		942	887364	251125
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 4.5334$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6284$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.6137$$



Absolute Open Flow	6284	Mcf/d @ 15.025	Angle of Slope °	75
Remarks:				

Approved By Commission:	Conducted By: Neil Tefteller	Calculated By: Neil Tefteller	Checked By:
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