

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

Form C-122
Revised 9-1-65

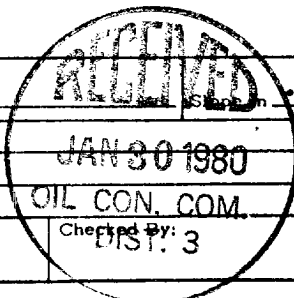
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-28-80			
Company CONSOLIDATED OIL & GAS				Connection					
Pool				Formation CALLUP				Unit	
Completion Date		Total Depth		Plug Back TD 8111		Elevation		Farm or Lease Name HURON	
Csg. Size 5 1/2	Wt. d	Set At 8111		Perforations: From 7584 To 7596		Well No. 2E			
Tbg. Size 1 1/2	Wt. d	Set At 7483		Perforations: From To		Unit M 2 26 4			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL GAS						Packer Set At 8010		County RIO ARRIERA	
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State N.MEX.	
L TBC.	H	Gg .650	% 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
1	7 days +						720		720		3 hrs.
1.	2" x 3/8"						60	60	305		
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	2.378		72	1.000	1.240	1.000	211
2.							
3.							
4.							
5.							

NO.	P _r	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 732	P _c ² 535824	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2308$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1685$
NO.	P _t ²	P _w	P _w ²
1		317	100849
2			
3			
4			
5			

Absolute Open Flow 248		Mcf/d @ 15.025	Angle of Slope 75
Remarks:			
			
Approved By Commission:	Conducted By: TOBY TEFTELLER	Calculated By: NEIL TEFTELLER	Checked By: DIST. 3