

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 10-14-80	
Company Consolidated Oil & Gas Inc				Connection El Paso Natural Gas			
Pool Basin				Formation Dakota		Unit	
Completion Date 10-7-80		Total Depth		Plug Back TD 6888		Elevation 5779 KB	
Farm or Lease Name Starr		Well No. # 111					
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 6888	Perforations: From 6602 To 6328		Unit Sec. Twp. Rge. C 13-31-13	
Tbg. Size 1.990	Wt. 2.9	d 1.610	Set At 6605	Perforations: From To		County San Juan	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple GG Dual				Packer Set At 5100		State New Mexico	
Producing Thru Tub.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L	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	of Flow
SI							1270				7 Days
1.	750			110		64	110				3 hrs
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 _{sc}	Rate of Flow Q, Mcfd
1	12.365		122	.9962	.9608	1.014	1464
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 1282	P _c ² 1643524	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1643524}{1473016}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0356$
NO. 1	P _r 14884	P _w 413	P _w ² 170508
2			
3			
4			
5			

Absolute Open Flow 1.539		Mcf @ 15.025	Angle of Slope @ _____	Slope, n .75
Remarks: _____				

Approved By Commission	Conducted By Wilson Service	Calculated By Sonny Wilson	Checked By
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