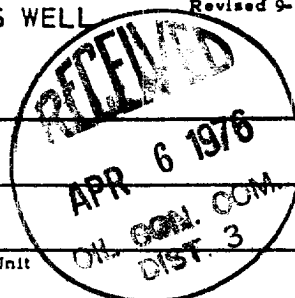


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-2-76	
Company CONTINENTAL OIL CO.				Connection UNCONNECTED	
Pool SOUTH BLANCO P.C.				Formation PICTURED CLIFFS	
Completion Date		Total Depth 6100		Plug Back TD 5770	
		Elevation 2288 AL		Farm or Lease Name 7X5 APACHE N	
Csg. Size 5 1/2	Wt. 14	d 1	Set At 6338'	Perforations: From 3843 To 3853	
Tbg. Size 1 1/4	Wt. 1	d 1	Set At 3858	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL				Packer Set At 5770	
Producing Thru TUBENL		Reservoir Temp. °F 95.3580		Mean Annual Temp. °F 50	
		Baro. Press. - P _a 12.2		County RIO ARriba	
L 3858	H 3858	G _g .695	% CO ₂	% N ₂	% H ₂ S
Prover 3/4" CHOKE NIPALC		Meter Run			

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	7 Days						832	50	930	50	7 Days
1.				104		27	104	27	719		3 Hr Flow
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	9.604		116.200	1.033	1.200	1.000	1383
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 942.2	P _w 887741	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.514$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.189$
NO.	P _r	P _w	P _w ²
1		731.200	534653
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3027$

Absolute Open Flow	3027	Mcfd @ 15.025	Angle of Slope @	Slope, n .85
--------------------	------	---------------	------------------	--------------

Remarks:

Approved By Commission:	Conducted By: PAT DEFOE	Calculated By: PAT DEFOE	Checked By:
-------------------------	----------------------------	-----------------------------	-------------