

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 Log 10-13-77	
Company Palmer Oil & Gas Co.		Connection Northwest Pipeline	
Pool Blanco		Formation Mesavordo	
Completion Date 10-5-77		Total Depth 5052 f.s.	Play Back TD 5052
Elevation 6536 f.s.		Form or Lease Name Federal	
Csg. Size 4.5"	Wt. 18.5	d 4.052	Set At 5052
Perforations: From 5052 To 5052		Well No. 2-A	
Tub. Size 4.5"	Wt. 18.5	d 4.052	Set At 5052
Perforations: From Open To Ended		Unit 1	
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Single		County San Juan	
Producing Thru 5052		Reservoir Temp. °F 6	Mean Annual Temp. °F 12 Hold (oct.)
State New Mexico			
L	H	Gg .050000	% 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	2" 6000	0.750					242	560	795	560	3-12-77
2											
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor	Gravity Factor	Super Compress. Factor	Rate of Flow Q, Mld
1	12.5000		224	1.0049	.9639	1.0000	2729
2							
3							
4							
5							

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

NO.	P _r	P _w	P _r ²	P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2}$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n$
1						
2						
3						
4						
5						

Absolute Gas Flow _____ Mld @ 14.7 psia
 Absolute Slope _____ Slope, n _____
 Remarks: 2570' 4.5" 5052' exposed string.

Approved by Comptroller:	Conducted By:	Calculated By:	Checked By:
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