

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 10-25-75	
Company WESTERN OIL & MINERALS				Connection	
Pool BLANCO MV				Formation MESA VERDE	
Completion Date 10-17-75		Total Depth		Plug Back TD 4964	
Elevation 6071 GL		Farm or Lease Name MARRON			
Csg. Size 5 1/2	Wt. d	Set At 5020	Perforations: From 4009 To 4921		Well No. 6 A
Tbg. Size 1 1/4	Wt. 2.4	Set At 4776	Perforations: From To		Unit Sec. Twp. Rge. C 24 27 8
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL MV & CHACRA				Packer Set At 3980	
Producing Thru TUBING		Reservoir Temp. °F @		Baro. Press. - P _a 12.0	
State N. MEXICO					
L	H	Gg	% 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	
SI							1026				3 HRS.
1.	750 T.C. CHOKE		70				70	60			"
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _T	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		82	1.000	.9608		974
2.							
3.							
4.							
5.							

NO.	P _T	Temp. °R	T _F	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

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	1038	1077.444		1.1287	1.0950
2	6.724	351	122.881		
3					
4					
5					

AOFP = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 106$

RECEIVED
 NOV 14 1975
 OIL CON. COM.
 DIST. 3

Absolute Open Flow 1067	Mcfd @ 15.025	Angle of Slope @	Dist. 3 Slope, n .750
Remarks:			

Approved By Commission:	Conducted By: W.B. Smith	Calculated By: J.J. Smith	Checked By:
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