

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP O BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-73

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10/27/86	
Company UNION TEXAS PETROLEUM		Connection U.T.P.	
Pool BLANCO		Formation MESAVERDE	
Completion Date 10/14/86		Total Depth 7532	
Plug Back TD 7482		Elevation 6587	
Farm or Lease Name STATE COM		Well No. 1A	
G.C. 625		Set At 3520	
Perforations: From 4804 To 5369		Unit Sec. Twp. Rge. A 16 28N 9W	
5.500		Set At 5331	
Perforations: From 5301 To 5307		Type Well - Single - Airhead - G.C. or G.C. Multiple GAS-GAS MULTIPLE	
Pkg. Size 1.660		Packer Set At 5610	
County SAN JUAN		Producing Thru TUBING	
Reservoir Temp. °F 8		Mean Annual Temp. °F 12	
State NEW MEXICO		Baro. Press. - P _g 12	
L H Gg % CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps		5301 0.650	
FLOW DATA			
TUBING DATA			
CASING DATA			
Duration of Flow			
NO.	Prover Line Size	X	Orifice Size
1	2"		3/4"
2			
3			
4			
5			
NO.	Prover Line Size	X	Orifice Size
1	2"		3/4"
2			
3			
4			
5			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		132
2			
3			
4			
5			
NO.	F _g	Temp. °R	T _g
1			
2			
3			
4			
5			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____			
Specific Gravity Flowing Fluid _____			
Critical Pressure _____ P.S.I.A.			
Critical Temperature _____ °R			
F _c 869 P _c ² 755,161			
NO.	F _c ²	P _w	P _w ²
1		704	495,616
2			
3			
4			
5			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.9096$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.2278$			
AOF = C $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3578$			
Absolute Open Flow 3578 Mcfd @ 15.025			
Angle of Slope @ 0.75			
Remarks:			
Approved By Division			
Conducted By: JOHN RECTOR			
Calculated By: John C. Rector			
Checked By:			