

Form C-122
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS FLOW

RECEIVED
JAN 18 1985

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 1/15/85	
Company Union Texas Petroleum Corp.		Connection El Paso Natural Gas Company	
Pool Basin		Formation Dakota	
Completion Date 12/21/84		Total Depth 6372	
Plug Back TD 6224		Elevation 5585	
Farm or Lease Name McCord		Well No. 11-E	
Csg. Size 4.500		Set At 6372	
Perforations: From 6061 To 6195		Well No. 11-E	
Trq. Size 2.375		Set At 6068	
Perforations: From To		Unit C	
Type Well - Single - Brdenhead - G.C. or G.O. Multiple Single		Packer Set At NA	
Producing Thru Tubing		Reservoir Temp. *F 8	
Mean Annual Temp. *F 12		Baro. Press. - P _a 12	
State New Mexico		County San Juan	
L 5573		H 0.650	
% 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
SI	2"		3/4"
1.			
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		439
2.			
3.			
4.			
5.			
NO.	R ₁	Temp. *R	T _r
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ X X X X X X X X X			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P _c 1857 P _c ² 3,448,449			
NO.	P _c ²	P _w	P _w ²
1		1027	1,054,729
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4406$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3149$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6882$			
Absolute Open Flow 6882 Mcfd @ 15.025			
Angle of Slope @ _____ Slope, n 0.75			
Remarks:			
Approved By Division _____ Conducted By: _____ Calculated By: _____ Checked By: _____			