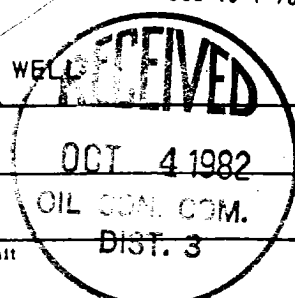


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/28/82		RECEIVED OCT 4 1982 OIL CON. COM. DIST. 3		
Company Union Texas Petroleum Corp.				Connection El Paso Natural Gas Co.					
Pool Basin				Formation Dakota					
Completion Date 8/10/82		Total Depth 7225		Plug Back TD 7167		Elevation 6783		Farm or Lease Name Jicavilla "N"	
Csq. Size 5.500	Wt. 15.50	d 4.950	Set At 7211	Perforations: From 7042 To 7118		Well No. 2-E			
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 7070	Perforations: OPEN-ENDED From To		Unit Sec. Twp. Rye. P 3 24N 5W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At —		County Rio Arriba		
Producing Thru Tubing		Reservoir Temp. °F —		Mean Annual Temp. °F —		Baro. Press. - P _a 12		State New Mexico	
L 7060	H	Gg 0.680	% 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	2"		3/4"				1312		1312		2 DAYS
1.							76	55°	460		3 HOURS
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		88	1.0048	0.9393	1.000	1027
2.							
3.							
4.							
5.							

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

P_c 1324 P_c² 1,752,976

NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1		472	222,784	1,530,192
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1456$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1073$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1137$

Absolute Open Flow	1137	Mcfd @ 15.025	Angle of Slope @	Slope, n 0.75
Remarks:				
Approved By Division				
Conducted By: DOYAL PARRET		Calculated By: KEN RODDY		Checked By: