

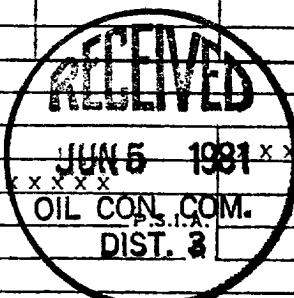
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4/28/81			
Company Supron Energy Corporation				Connection					
Pool Ballard				Formation Pictured Cliffs				Unit	
Completion Date 4/6/81		Total Depth 7475		Plug Back TD 7442		Elevation 7052 G		Farm or Lease Name Newsom A	
Csg. Size 5.500	Wt. 20.00	d 4.778	Set At 7474	Perforations: From 2905 To 2934		Well No. 6E			
Tbg. Size 1.660	Wt. 2.40	d 1.380	Set At 2913	Perforations: From To		Unit Sec. Twp. Rge. G-15-26N-8W			
Type Well - Single - Broadhead - G.G. or G.O. Multiple G - G Multiple						Packer Set At 7173		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
L	H	G _g est. .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	Prover Size	Grass. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							568		568		22 days
1.			.750	16		56	16	56	154		3 Hrs.
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 F _g	Super. Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		28	1.0039	.9608	1.0000	334
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
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.
5.					Critical Temperature	R



P _c 580	P _c ² 336400	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0892$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0753$	
NO	P _t	P _w	P _w ²	P _c ² - P _w ²
1		166	27556	308844
2				
3				
4				
5				

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 359$

Absolute Open Flow	359	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .85
--------------------	-----	----------------	------------------	--------------

Remarks: Dry.

Approved by Division	Conducted By: CRW	Calculated By: AR Kendrick	Checked By:
----------------------	----------------------	-------------------------------	-------------