

NEW XICO OIL CONSERVATION COMMISSIC
MULTIPOINT AND ONE POINT BACK PRESSURE TEST F. . GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 10-10-68			
Company Petroleum Corp. of Texas				Connection El Paso Natural Gas Company					
Pool Jalmat				Formation Yates				Unit	
Completion Date 6-13-50		Total Depth 3235		Plug Back TD		Elevation 3326 GR.		Farm or Lease Name Maggie Dunn	
Csg. Size 5 1/2	Wt. 14	d 5.012	Set At 3034	Perforations: From 2998 To 3235				Well No. 2	
Thq. Size 2 3/8	Wt. 4.7	d 1.995	Set At 2950	Perforations: From To				Unit Sec. Twp. Rye. I 13 24 36	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Lea	
Producing Thru Tubing		Reservoir Temp. *F a		Mean Annual Temp. *F		Baro. Press. - P _a 13.2		State New Mexico	
L	H	G _g .695	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run X	Taps Flg.	

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.	
SI							232		232	
1.	4"	X	1.000	146	28.09	68	157		200	
2.	4"	X	1.000	145	49.00	74	154		194	
3.	4"	X	1.000	138	65.61	76	145		188	
4.	4"	X	1.000	119	84.64	80	130		182	
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	4.753	66.87	159.2	.9924	1.200	1.018	385.3
2	4.753	88.04	158.2	.9868	1.200	1.017	504.0
3	4.753	99.60	151.2	.9850	1.200	1.017	569.1
4	4.753	105.78	132.2	.9813	1.200	1.014	600.4
5.							

NO.	P _t	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio	
1.	.25	528	1.36	.965	Dry	Mcf/bbl.
2.	.25	534	1.38	.966	A.P.I. Gravity of Liquid Hydrocarbons	Deg.
3.	.24	536	1.38	.967	Specific Gravity Separator Gas	.695 X X X X X X X X
4.	.21	540	1.39	.972	Specific Gravity Flowing Fluid	X X X X X
5.					Critical Pressure	669 P.S.I.A. P.S.I.A.
					Critical Temperature	388 R R

P _c 245.2 P _c ² 60.1					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.732$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.844$
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1	25.3	213.2	45.5	14.6		
2	25.0	207.2	42.9	17.2		
3	22.9	201.2	40.5	19.6		
4	17.5	195.2	38.1	22.0		
5						

Absolute Open Flow 1,107 Mcfd @ 15.025			Angle of Slope 56.0	Slope, n .675
Remarks:				
Approved By Commission: Conducted By: J. B. Murray Calculated By: J. B. Murray Checked By:				