

MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 01/04/90	
Company BTA Oil Producers				Connection BTA Oil Producers	
Pool Antelope Ridge				Formation Atoka	
Completion Date 12/21/89		Total Depth 13,500		Plug Back TD 13,385	
				Elevation 3423' RKB	
Farm or Lease Name Maxus -B-, 8026 JV-P					
Csg. Size 5-1/2"	Wt. 20	d 4.778	Set At 13,500	Perforations: From 12,303 To 12,319	
Tbg. Size 2-7/8"	Wt. 6.5	d 2.441	Set At 12,037	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 12,005	
Producing Thru Tubing		Reservoir Temp. °F 179° @ 12,303		Mean Annual Temp. °F 60	
				Baro. Press. - P _a 13.2	
L 12,037		H 12,037	G _g .677	% CO ₂ 0.79	% N ₂ 1.34
				% H ₂ S 0.00	Prover
				Meter Run 4.026	Taps Flange

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	4.026"	x	1.750"	2977				45	Pkr	60	SI 326 hrs
1.	4.026"	x	1.750"	840	4.5	81	2740	60			3 hr
2.	4.026"	x	1.750"	840	17.5	57	2440	60			3 hr
3.	4.026"	x	1.750"	835	34.0	61	2155	64			3 hr
4.	4.026"	x	1.750"	840	49.0	66	1887	68			3 hr
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	14.93	61.96	853.2	0.9804	1.215	1.085	1196
2	14.93	122.19	853.2	1.0030	1.215	1.105	2457
3	14.93	169.82	848.2	0.9990	1.215	1.101	3388
4	14.93	204.47	853.2	0.9943	1.215	1.096	4042
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	35,558	Mcf/bbl.
1.	1.28	541	1.42	.849	A.P.I. Gravity of Liquid Hydrocarbons	56.3	Deg.
2.	1.28	517	1.35	.819	Specific Gravity Separator Gas	0.677	XXXXXXX
3.	1.27	521	1.36	.825	Specific Gravity Flowing Fluid	XXXXX	
4.	1.28	526	1.38	.832	Critical Pressure	668	P.S.I.A.
5.					Critical Temperature	382	R

P _t 4532.2 P _w 20,541					
NO.	P _t ²	P _w ²	P _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} = 1.846$	(2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n = 1.545$
1		4296.2	18457		
2		3880.2	15056		
3		3466.2	12015		
4		3068.2	9414		
5					

Absolute Open Flow	6246	Mcf/d @ 15.025	Angle of Slope @	54.6	Slope, n	.71
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Remarks: Bottom hole pressure measured by Jarrel Services, Inc.

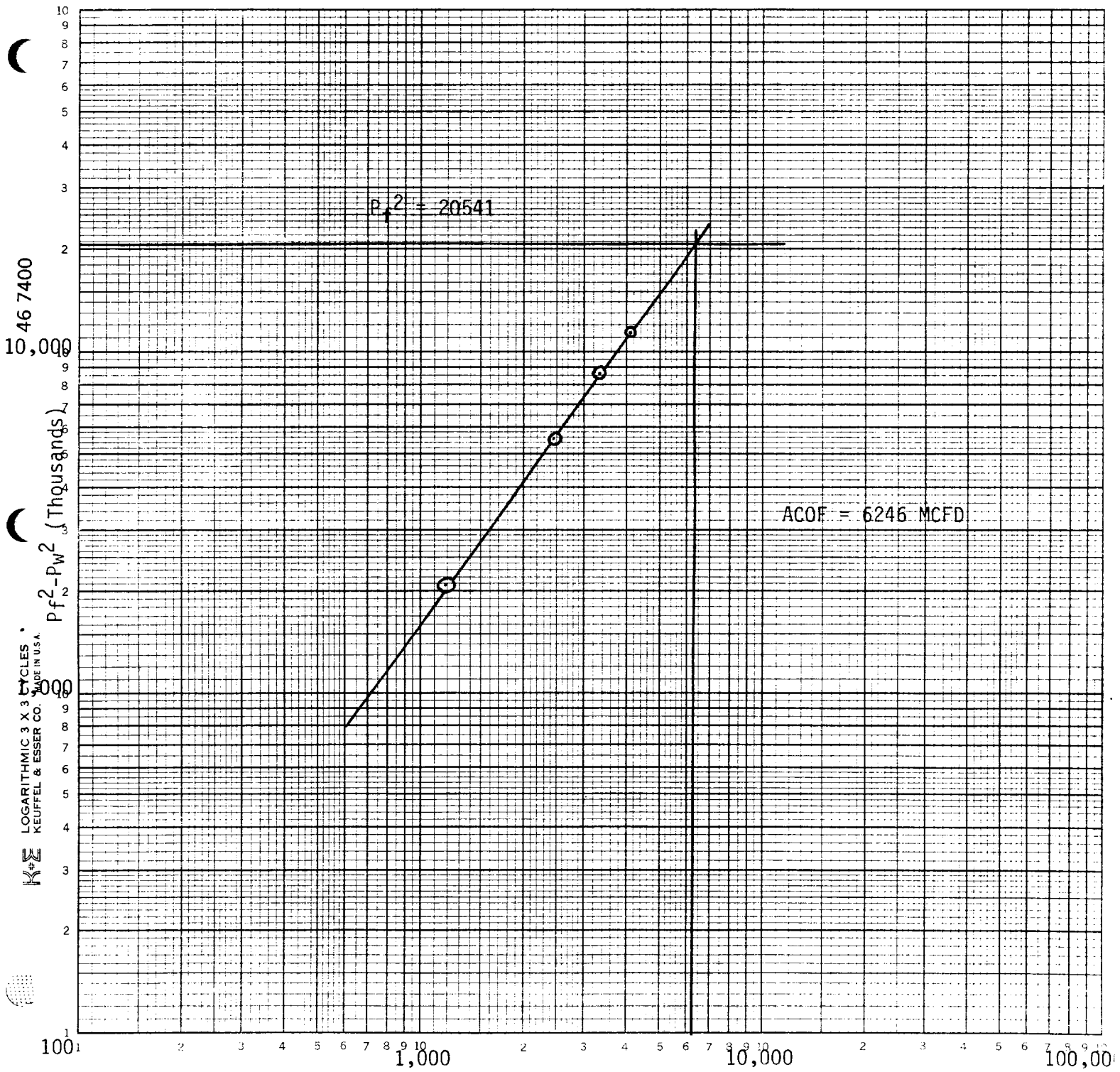
JAN 17 1990

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
ORIGINAL SIGNED BY JERRY SEXTON	BTA Oil Producers	T. J. Williams	

DISTRICT SUPERVISOR

8026 JV-P Maxus B #3

01/04/90



AOF = 6246 MCFD

$n = 0.710$

$\theta = 54.6$