

NEW 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 5/16/91	
Company MOBIL PROD. TX & N.M.				Connection GAS TO ENRON <i>Northern</i>	
Pool EUNICE <i>Blindberry</i>				Formation BLINDBERRY <i>BLINDBERRY</i>	
Completion Date 5-7-91		Total Depth 7471'		Plug Back TD 5880	
		Elevation GL 3422		Form or Lease Name BRUNSON ARGO	
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 7395	Well No. 12	
Tbg. Size 2 3/8	Wt. 4.7	a 1.995	Set At 5420	Unit Sec. Twp. Rge. H 9 22 37	
Type Well - Single - Broadhead - G.G. or G.O. Multiple SINGLE				County LEA	
Producing Thru		Reservoir Temp. °F 115 @ 5597		State NEW MEXICO	
		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.20	
L 5597	H 5597	Gg .697	% CO ₂ .697	% N ₂ 1.930	% H ₂ S 0
Prover 0		Meter Run 2"		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							425	65			24.0
1.	2"		1.250	45	37	66	420	65	0	0	1.0
2.	2"		1.250	45	41	69	340	66	0	0	1.0
3.	2"		1.250	45	48	70	280	68	0	0	1.0
4.	2"		1.250	45	54	72	225	73	0	0	1.0
5.											

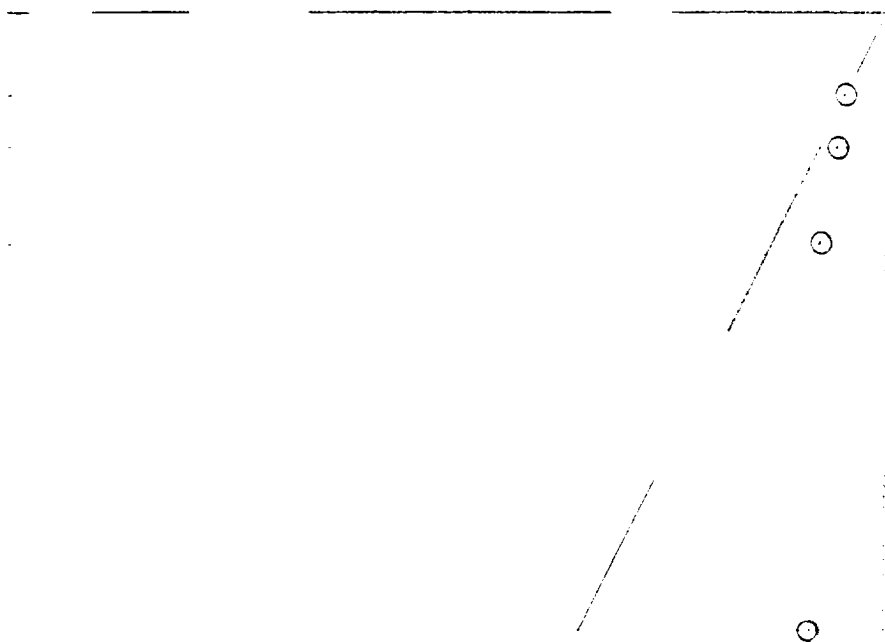
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super. Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	8.22	46.40	58.2	.9943	1.2127	1.0066	463
2	8.22	48.85	58.2	.9915	1.2127	1.0064	486
3	8.22	52.85	58.2	.9905	1.2127	1.0064	525
4	8.22	56.06	58.2	.9887	1.2127	1.0063	556
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1	.09</									

Company
Well
Location
County
Date

Mobil Production
Brunson A~~go~~ No. 12
H, 9-22-37
Lea
5-16-91

$p_c^2 - p_w^2$



Q, Mcfd