NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 11-16-72	
Company: AMOCO PRODUCTION COMPANY			Connection: Not Committed		
Pool: Gonzales Mesa			Formation: Mesaverde		Unit:
Completion Date: 11-9-72	Total Depth: 7464		Plug Back TD: 7419	Elevation: 6648 GL	Farm or Lease Name: Jicarilla Contract 146
Csg. Size: 4.5 / Wt.: 9.5 / d: 4.052 / Set At: 7464			Perforations: Mesaverde From 5096 To 5266		Well No.: 11
Tbg. Size: 2-3/8 / Wt.: 4.7 / d: 1.995 / Set At: 7055			Perforations: Open Ended Below Packer From To		Unit: K / Sec.: 4 / Twp.: 25N / Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dakota - Mesaverde Dual			Packer Set At: 7055		County: Rio Arriba
Producing Thru: Casing	Reservoir Temp. °F: 120 @ TD	Mean Annual Temp. °F: Est. 60°	Baro. Press. – P_a: 12 PSIA		State: New Mexico
L	H	Gq: .65	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover Line Size	X	Choke Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI							-		1205		7 da
1.	2"		.750	66					66	60	3 Hr.
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		78	1.000	.9608	1.000	927
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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DEC 4 1972
OIL CON. COM.
DIST. 3

P_c 1217 P_c^2 1,481,089

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		78	6084	1475005
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.004 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.003

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 930

Absolute Open Flow 930 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. F. Elledge	P. C. Ellison	J. Arnold Snell