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: 12-5-72	
Company: AMOCO PRODUCTION COMPANY			Connection: None		
Pool: Undesignated Fruitland			Formation: Fruitland		Unit
Completion Date: 11-28-72	Total Depth: 2679'		Plug Back TD: 2630'	Elevation: 6053' KB	Farm or Lease Name: Holmberg Gas Com "A"
Csg. Size: 4-1/2 / Wt.: 9.5 / d: 4.050 / Set At: 2678			Perforations: From 2504 To 2522		Well No.: 1
Tbg. Size: 1.66 / Wt.: 2.4 / d: 1.38 / Set At: 2452			Perforations: From Open To Ended		Unit: B / Sec.: 28 / Twp.: 32N / Rge.: 10W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: @		Mean Annual Temp. °F: 60° Est.	Baro. Press. – P_a: 12 PSIA est.	State: New Mexico
L	H	Gg: .650	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI	7 days					1202		1202		
1.	2-inch	.750				86		488		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		98	1.000	.9608	1.000	1164
2.							
3.							
4.							
5.							

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

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

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OIL CON. COM.
DIST. 3

P_c 1214 P_c^2 1,473,796

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		500	250,000	1223796
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.204 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.171

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1363

Absolute Open Flow 1363 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	O. N. Thurston	J. W. Calvin	J. Arnold Saell

P. C. Ellison