NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

REL
SUN
OIL CC
DIS

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 6-19-73	
Company: AMOCO PRODUCTION COMPANY	Connection:		Unit:	
Pool: Basin	Formation: Dakota			
Completion Date: 6-12-73	Total Depth: 7749	Plug Back TD:	Elevation:	Farm or Lease Name: Jicarilla Apache Tribal 151
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 7749	Perforations: From To			Well No.: 4
Tbg. Size: 2-3/8 / Wt.: 4.7 / d: 1.995 / Set At: 7641	Perforations: From Open end To			Unit: C / Sec.: 3 / Twp.: 26N / Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At:			County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F: 60°	Baro. Press. – P_a: 12	State: New Mexico
L	H	Gg: .698	% CO_2	% N_2 / % H_2S / Prover / Meter Run / Taps

FLOW DATA / TUBING DATA / CASING DATA

NO.	Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	8 days						2539		2506		
1.	2"		.750				152		698		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	12.365		164	1.000	.9608	1.020	1987
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	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

P_c 2551 P_c^2 6507601

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		710	504100	6003501
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.08396$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.06232$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2111$

Absolute Open Flow 2111 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	R.K.Kobbe/J.A.Pope	J. A. Snell

Original Signed by J. ARNOLD SNELL