Form C-122
Revised 9-1-65

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [XX] Initial [ ] Annual [ ] Special		Test Date: 06 20 80	
Company: AMOCO PRODUCTION CO.	Connection: EL PASO NATURAL GAS CO.		
Pool: BASIN	Formation: DAKOTA		Unit:
Completion Date: 05 31 80	Total Depth: 6811	Plug Back TD: 6763	Elevation: 6249GL
Farm or Lease Name: JC GORDON D			

Csg. Size	Wt.	d	Set At	Perforations:			Well No.
4.500	10.5	4.052	6811	From 6506	To 6705		1E

Tbg. Size	Wt.	d	Set At	Perforations:		Unit	Sec.	Twp.	Rge.
2.375	4.7	1.995	6713	From open	To ended	H	22	27N	10W

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
SINGLE	NONE	SAN JUAN

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
TUBING	@			NEW MEXICO

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

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	13 days					701		1260		3 hrs
1.	2.375	.750				230		700		
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		242	1.000	.9258	1.029	3851
2.							
3.							
4.							
5.							

NO.	P_t	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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

JUL 1980 OIL CON. COM. DIST.

P_c 1272 P_c^2 1617984

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		712	506944	1111040
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 14563

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 13257

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 3779

Absolute Open Flow 3779 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJB	J J BARNETT	R A DOWNEY