NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: XX Initial ☐ Annual ☐ Special — Test Date: 12/28/77

Company: Amoco Production Company — Connection: EL PASO NATURAL GAS COMPANY

Pool: Blanco — Formation: Mesaverde — Unit:

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
12-28-77	4930	4888	5933	Cole G Com "A"

Csg. Size	Wt.	d	Set At	Perforations	Well No.
7.000	20	6.456	2859	From 4013 To 4828	1A

Tbg. Size	Wt.	d	Set At	Perforations	Unit	Sec.	Twp.	Rge.
2.375	4.7	1.995	4816	From Open To Ended	O	L	29	9

Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single — Packer Set At: None — County: San J[illegible]

Producing Thru: Tubing — Reservoir Temp. °F: @ — Mean Annual Temp. °F — Baro. Press. – P_a — State: New M[illegible]ico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.65						

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover 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	7 days						465		621		
1.	2.375		0.750				140		475		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		152	1.000	.9608	1.015	1833
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 _____ XXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 633 P_c^2 400689

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		487	237169	163520
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4504$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]$ = 1.9585

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 3590

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OIL CON. COM.
DIST. 3

Absolute Open Flow 3590 Mcfd @ 15.025 — Angle of Slope θ _____ Slope, n .75

Remarks: 4.5" 11.6# Liner Set 2281'-4930'

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	TMO/WRB	J. [illegible]rupka