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: 7-8-77	
Company: AMOCO PRODUCTION COMPANY		Connection: El Paso Natural Gas Co.		
Pool: Blanco		Formation: Mesaverde		Unit
Completion Date: 7-8-77	Total Depth: 5425	Plug Back TD: 5380	Elevation: 6268 est.	Farm or Lease Name: A. L. Elliott "A"
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 3300		Perforations: From 4504 To 5294		Well No.: 1-A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5286		Perforations: From Open To Ended		Unit: D / Sec.: 11 / Twp.: 29 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico

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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	8 days					511		548		
1.	2.375"	0.750				220	60°	500		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		232	1.000	.9608	1.023	2820
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 560 P_c^2 313,600

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		512	262,144	51,456
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 6.0945$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3.8789$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 10,935$

Absolute Open Flow 10,935 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope M. .75

Remarks: 4.500" liner set 3102-5425'

RECEIVED
JUL 1977
OIL CON. COM.
DIST. 3

Original Signed by
J. L. KRUPKA

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	Oliver/T.R.McCarthy	J. L. Krupka