NEW MEXICO OIL CONSERVATION COMMSSION

Form C-122
Revised 9-1-65

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED
AUG 11 1982
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 8-5-82	
Company: El Paso Exploration Company			Connection: Northwest Pipeline		Unit
Pool: Blanco			Formation: Mesa Verde		
Completion Date: 7-28-82	Total Depth: 6483		Plug Back TD: 6357	Elevation: 7152 GR	Farm or Lease Name: Jicarilla 119 N
Csg. Size: 7.00 / Wt.: 20.0 / d: 6.456 / Set At: 4239			Perforations: From *5548 To 6357		Well No.: 4A
Tbg. Size: 2.375 / Wt.: 4.70 / d: 1.995 / Set At: 6341			Perforations: From To		Unit: J / Sec.: 6 / Twp.: 26 / Rge.: 4
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At		County: Rio Arriba
Producing Thru	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. – P_a: 12		State: New Mexico
L	H	Gg: .680	% CO_2	% N_2	% H_2S / Prover / Meter Run: 4" / Taps: Flg.

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					520		1040		8 Days
1.	4" X 2.500	18	16	76	138		700		3 Hours
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	32.64	21.88	30	0.9850	1.213	1.000	853
2.							
3.							
4.							
5.							

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

Gas Liquid Hydrocarbon Ratio 17.05 Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons 43.3 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 1052 P_c^2 1,106,704

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		712	506,944	599,760
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8452$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.5832$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1350$

Absolute Open Flow 1350 Mcfd @ 15.025 Angle of Slope θ ____ Slope, n .75

Remarks: *4½" Liner from 4101 to 6483'
Fluid Produced - 7.92 Bbl. Oil 65 Bbls. water
Vented During Test - 135 MCF

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Lyle Nation	Bill Clark	