

Submit in duplicate to
appropriate district office
See Rule 401 & Rule 1122

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-122
Revised 4-1-91

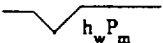
OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator CONOCO, INC.				Lease or Unit Name MEYER B-4			
Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-22-95		Well No. 31	
Completion Date 7-6-95		Total Depth 3575		Plug Back TD		Elevation	
Csg. Size 4 1/2		Wt. d 11.6 3.875		Set At 3575		Perforations: From: 2937 To: 3506	
Tbg. Size 2-3/8		Wt. d 4.7 1.995		Set At 3436		Perforations: From: To:	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		Formation QUEENS	
Producing Thru TBG		Reservoir Temp. °F		Mean Annual Temp. °F 60°		Baro, Press - P 13.2	
Connection SALES LINE		Meter Run		Taps			
L 3436	H 3436	Gg .696	% CO ₂ 1.08	% N ₂ 3.43	% H ₂ S	Prover	

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							78		90		24 hr.
1.							69		90		30 min
2.							64		90		30 min
3.							54		90		30 min
4.							48		90		30 min
5.											

RATE OF FLOW CALCULATIONS							
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg.	Super Compress. Factor, Fpv.	Rate of Flow Q, Mcfd
1.							96
2.							116
3.							210
4.							250
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	DRY GAS	Mcf/bbl.
1.					A.P. I Gravity of Liquid Hydrocarbons	DRY	Deg.
2.					Specific Gravity Separator Gas	.696	XXXXXXXXXX
3.		N/A			Specific Gravity Flowing Fluid	XXXXXX	
4.					Critical Pressure	*660	P.S.I.A.
5.					Critical Temperature	*378	R

P _c 91.2		P _c ² 8.3			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1.		83.0	6.9	1.4	
2.		78.5	6.2	2.2	
3.		71.8	5.2	3.2	
4.		68.2	4.7	3.7	
5.					

$$1) \frac{P_c^2}{P_c^2 - P_w^2} = 2.272 \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.272$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = .568$$

Absolute Open Flow **568** Mcfd @ 15.025 Angle of Slope Θ Slope, n

Remarks: *** CORRECTED TO 1.08% CO₂ & 3.43% N₂**

Approved By Division	Conducted By: PRO WELL TESTER	Calculated By: BM	Checked By: BM
----------------------	---	-----------------------------	--------------------------