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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 7-12-94		Well No. 30			
Completion Date		Total Depth		Plug Back TD		Elevation		Unit Ltr. - Sec. - TWP - Rge.			
Csg. Size 5 1/2	Wt. 15.5	d	Set At 3650	Perforations: From: 2727 To: 3526			County LEA				
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 3449	Perforations: From: To:			Pool EUMONT				
Type Well - Single - Bradenhead - G.G. or 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			
L	II	Gg .722	% CO ₂ 2.72	% N ₂ 6.74	% H ₂ S	Prover		Meter Run		Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI						95		300	
1.						90		245	
2.						85		220	
3.						80		195	
4.						70		175	
5.									

RATE OF FLOW CALCULATIONS							
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor F _L	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							344
2.							472
3.							571
4.							672
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					DRY GAS	
2.					A.P. I. Gravity of Liquid Hydrocarbons DRY	Deg.
3.					Specific Gravity Separator Gas .722	XXXXXXXXXX
4.		N/A			Specific Gravity Flowing Fluid XXXXXX	
5.					Critical Pressure *649 P.S.I.A.	P.S.I.A.
					Critical Temperature *378 R	R

P _c 313.2		P _w 98.1	
NO.	P _i ²	P _w	P _c ² - P _w ²
1.		258.2	66.7
2.		233.2	54.4
3.		208.2	43.3
4.		188.2	35.4
5.			

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.56459$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.032$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.53587$

Absolute Open Flow 1.032 Mcfd @ 15.025	Angle of Slope θ 46°	Slope, n .95861
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Remarks: **NO FLUID PRODUCED**

*** CORRECTED TO 2.72 % CO₂ & 6.74% N₂**

Approved By Division	Conducted By: PRO WELL TESTERS GB	Calculated By: BM	Checked By: BM
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