

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

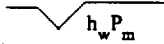
**OIL CONSERVATION DIVISION**

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

**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Operator <u>OXY U.S.A.</u>					Lease or Unit Name <u>STATE C</u>				
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date <u>12-21-94</u>		Well No. <u>5</u>		
Completion Date <u>12-19-94</u>		Total Depth <u>3900</u>		Plug Back TD <u>3859</u>		Elevation		Unit Ltr. - Sec. - TWP - Rge. <u>M 16-21S-36E</u>	
Csg. Size <u>5 1/2</u>	Wt. <u>15.5</u>	d <u></u>	Set At <u>3900</u>	Perforations: From: <u>3131</u> To: <u>3676</u>			County <u>LEA</u>		
Tbg. Size <u>2-3/8</u>	Wt. <u>4.7</u>	d <u>1.995</u>	Set At <u>3040</u>	Perforations: From: <u></u> To: <u></u>			Pool <u>EUMONT</u>		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <u>SINGLE</u>				Packer Set At <u>NONE</u>			Formation <u>QUEEN</u>		
Producing Thru <u>TBG.</u>		Reservoir Temp. °F <u>60</u>		Mean Annual Temp. °F <u>60</u>		Baro, Press - P <sub>a</sub> <u>13.2</u>		Connection <u>SALES LINE</u>	
L <u></u>	H <u></u>	Gg <u>.692</u>	% CO <sub>2</sub> <u>2.48</u>	% N <sub>2</sub> <u>2.46</u>	% H <sub>2</sub> S <u></u>	Prover		Meter Run <u>3"</u>	Taps <u>FLG.</u>

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							285				24 hr.
1.	3" X	1.75					85				24 hr.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	COEFFICIENT (24 HOUR)		Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg.	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1.							893
2.							
3.							
4.							
5.							

NO.	P <sub>r</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio <u>DRY GAS</u> Mcf/bbl.		
1.					A.P. I. Gravity of Liquid Hydrocarbons <u>DRY</u> Deg.		
2.					Specific Gravity Separator Gas <u>.692</u> XXXXXXXXXX		
3.		N/A			Specific Gravity Flowing Fluid <u>XXXXX</u>		
4.					Critical Pressure <u>*674</u> P.S.I.A. P.S.I.A.		
5.					Critical Temperature <u>*379</u> R R		

$P_c$ <u>298.2</u>		$P_c^2$ <u>88.9</u>			1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.294}$	(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.294}$
NO.	$P_t^2$	$P_w$	$P_w^2$	$P_c^2 - P_w^2$		
1.			20.2	68.7		
2.						
3.						
4.						
5.						

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.155}$

Absolute Open Flow 1,155 Mcfd @ 15.025 Angle of Slope  $\Theta$  45 Slope, n 1.000

Remarks: NO FLUID PRODUCED DURING TEST  
\* CORRECTED TO 2.48 % Co<sub>2</sub> & 2.46% N<sub>2</sub>

Approved By Division \_\_\_\_\_ Conducted By: \_\_\_\_\_ Calculated By: \_\_\_\_\_ Checked By: \_\_\_\_\_  
ORIGINAL SIGNED BY JERRY SEXTON PRO WELL TESTER BM BM

JAN 17 1995