

**ALBRIGHT A #1**  
NE/NE 25-30N-11W  
MONTHLY GAS PRODUCTION ALLOCATION FORMULA

GENERAL EQUATION

$$Q_t = Q_{ftc} + Q_{pc}$$

WHERE:     **Q<sub>t</sub>**     =     Total Monthly Production (Mcf / Month)  
              **Q<sub>ftc</sub>**    =     Fruitland Coal (ftc) Monthly Production (Mcf / Month)  
              **Q<sub>pc</sub>**     =     Pictured Cliffs (pc) Monthly Production (Mcf / Month)

Rearranging the Equation to Solve for **Q<sub>ftc</sub>**:

$$Q_{ftc} = Q_t - Q_{pc}$$

Any Production Rate Over What is Calculated for the Pictured Cliffs (Q<sub>pc</sub>), Using the Applied Formula is Fruitland Coal Production (Q<sub>ftc</sub>).

The Pictured Cliffs (Q<sub>pc</sub>) Formation Production Formula is:

$$Q_{pc} = Q_{pci} \times e^{\{-(D_{pc}) \times (t)\}}$$

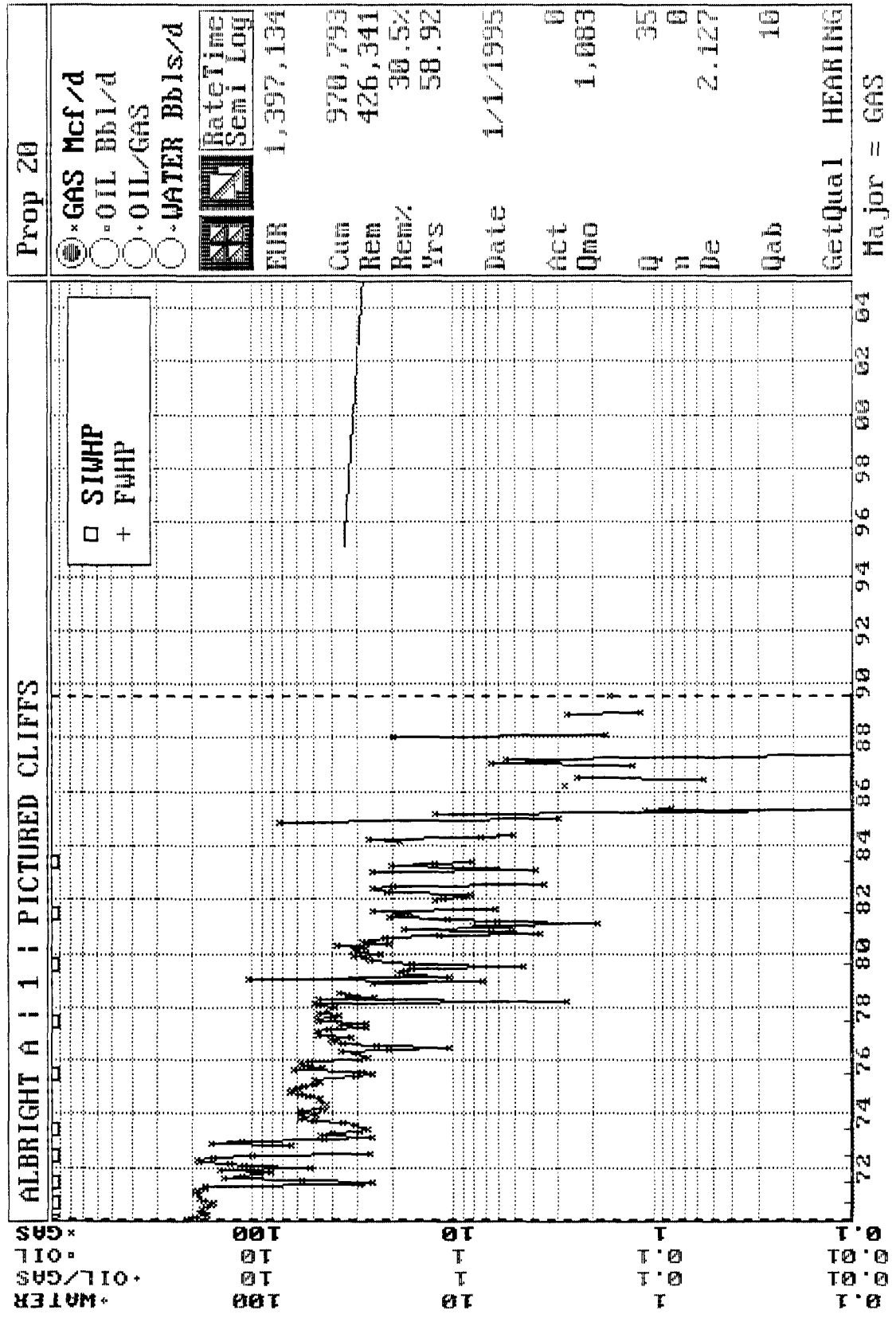
WHERE:     **Q<sub>pci</sub>**    =     Pictured Cliffs Initial Monthly Rate = **1083 Mcf/M** (Determined from the attached decline curve)

**D<sub>pc</sub>**     =     Pictured Cliffs Monthly Decline Rate Calculated from Decline Curve and Material Balance Analysis:

**D<sub>pc</sub>**     =     **(0.0018/M)**

THUS:     **Q<sub>ftc</sub>**    =     **Q<sub>t</sub> - Q<sub>pci</sub> X e<sup>\{-(0.0018) X (t)\}</sup>**

NOTE:     **(t)** is in Months



Prop 20	
<input checked="" type="radio"/> *GAS Mcf/d	
<input type="radio"/> *OIL Bbl/d	
<input type="radio"/> *OIL/GAS	
<input type="radio"/> *WATER Bbls/d	
<input checked="" type="checkbox"/> RateTime	
<input checked="" type="checkbox"/> Semi Log	
EUR	1,397,134
Cum	970,793
Rem	426,341
Rem%	30.5%
yrs	58.92
Date	1/1/1995
Act	0
Qmo	1,083
Q	35
n	0
De	2.127
Qab	10
GetQual	HEARING

Major = GAS

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION  
FOR THE PURPOSE OF CONSIDERING:

CASE NO. 11136

Application of Meridian Oil Inc.  
Albright A Well No. 1, A-25-30N-11W  
for downhole commingling,  
San Juan County, New Mexico

**CERTIFICATE OF MAILING  
AND  
COMPLIANCE WITH ORDER R-8054**

D. DEAN PRICE, Senior Landman and authorized representative of MERIDIAN OIL INC., states that the notice provisions of Division Rule 1207 (Order R-8054) have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on the 18th day of October, 1994, I caused to be sent, by certified mail return receipt requested, notice of this hearing and a copy of the application for the referenced case along with the cover letter, at least twenty days prior to the hearing set for November 10, 1994, to the parties shown in the application as evidenced by the attached copies of receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct address provided by such rule.



D. Dean Price

SUBSCRIBED AND SWORN to before me this 7th day of November, 1994.



Notary Public

My Commission Expires: January 8, 1995



**LAURA LARSON**  
Notary Public, State of New Mexico  
My Commission Expires January 8, 1995