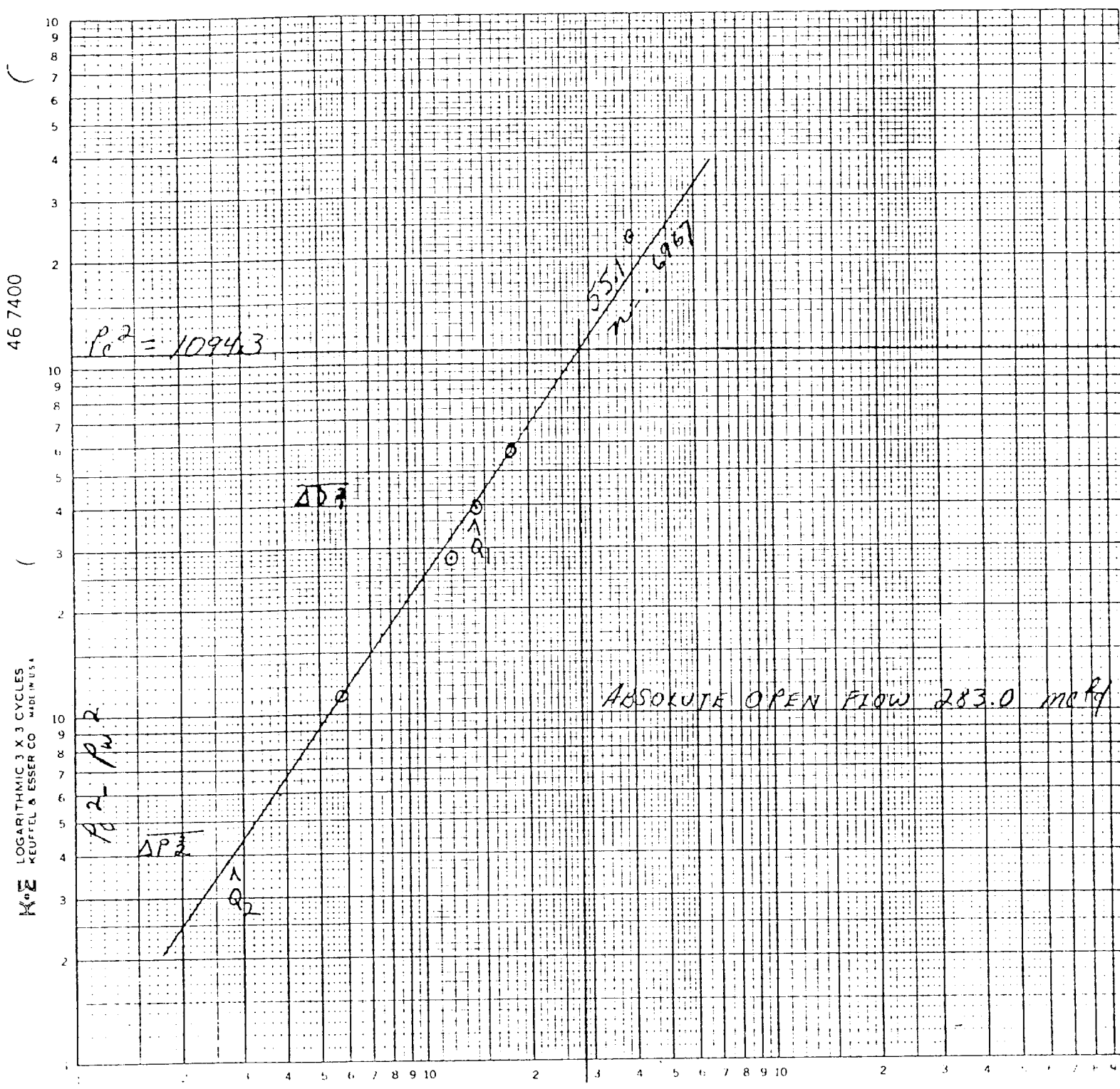




UL 2 1982
C. C. D.
ARTESIA, OFFICE

PAUL HAY 'FEDERAL # 2
 111 A, Sec 13, Twp 8S, Rge 25E
 Chaves County

6-17-82



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 400$$

$$\overline{\Delta P}_2^2 \quad P_{0.1}^2 - P_w^2 = 40$$

$$Q_1 = 140.00 \text{ mcr/d}$$

$$\log Q_1 \quad 2.1461$$

$$\log Q_2 \quad 1.4494$$

$$n = .6967$$



NEW-TEX LAB

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: BENNETT & CATHEY
ADDRESS: BOX 787
CITY, STATE: ARTESIA NM 88210

ANALYSIS NUMBER : 7654
DATE OF RUN : 6 18 82
DATE SECURED : 6 17 82

SAMPLE IDENT: STEVENS OIL PAUL HICKS FEDERAL #2
SAMPLING PRESS: SAMPLING TEMP:

REMARKS: SAMPLED AT 4:30 PM
REMARKS: S13 T8S R25E

***** GAS ANALYSIS *****

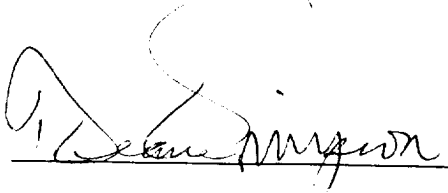
	MOLE PERCENT	GAL/ MCF
NITROGEN	16.611	
CARBON DIOXIDE	0.461	
METHANE	76.937	
ETHANE	3.367	0.898
PROPANE	1.117	0.334
ISO-BUTANE	2.249	0.281
NORMAL BUTANE	0.482	0.132
ISO-PENTANE	0.174	0.264
NORMAL PENTANE	0.206	0.374
HEXANES	0.145	0.059
HEPTANES PLUS	0.151	0.069
TOTAL	100.000	1.731

PROPANE GPM:	0.33	BUTANES GPM:	0.23
ETHANE GPM:	0.90	PENTANES PLUS GPM:	0.27

SPECIFIC GRAV (CALC): 0.6805
MOLE WEIGHT: 19.72

HHV-BTU/(C) FT	PRESSURE (PSIA)	WET	DRY
14.695		906	922
14.690		903	919
14.730		925	924
14.735		925	924

ANALYZED BY: _____

APPROVED BY: 

P. HAMILTON