

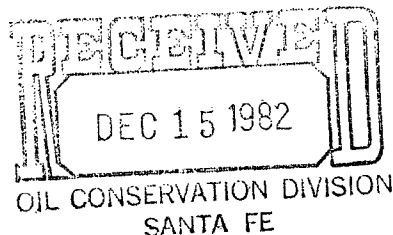
Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

P. O. Box 670
Hobbs, NM 88240

November 30, 1982

Mr. Joe D. Ramey, Director
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87051



Re: Alice Paddock #5
Unit B, Section 1, T-22-S, R-37-E
Lea County, New Mexico

Gentlemen:

Your administrative approval is requested to Rule 303-C to permit down-hole commingling of Blinbry Gas and Tubb Gas production, both of which are prorated gas pools, for the subject well.

Please find enclosed all pertinent data regarding this application as outlined in Rule No. 303-C.

Yours very truly,

R. C. Anderson

DAH/jm

Enclosures

cc: New Mexico Oil Conservation Division
District I Office
P.O. Box 1980
Hobbs, New Mexico 88240



A DIVISION OF GULF OIL CORPORATION

Re: Alice Paddock #5
Unit B, Section 1, T-22-S, R-37-E
Lea County, New Mexico

Approval is requested for an exception to Rule 303-C to permit down-hole commingling of the Blinebry Gas and Tubb Gas, both which are in prorated gas pools, for the subject well.

The Alice Paddock #5 was dually completed under Administrative Order DC-492, dated August 22, 1957. Production from the two zones is currently commingled above ground under Commingling Order PC-500, dated December 9, 1974.

The fluids show no evidence of incompatibility; therefore, down-hole commingling is not expected to result in reservoir damage. Ownership in the two pools is common and correlative rights will not be violated.

Currently, the Blinebry Gas is being pumped and the Tubb Gas is incapable of producing due to the decline in reservoir pressure. If an exception is approved, the existing pumping equipment will be used to produce both zones.

Should secondary recovery operation become practical in the future, the two zones could be separated at such time without damaging either reservoir.

OFFSET OPERATORS

Sun Exploration & Production Company
P.O. Box 1861
Midland, Texas 79702

Marathon Oil Company
P.O. Box 2409
Hobbs, New Mexico 88240

Exxon Corporation
P.O. Box 1600
Midland, Texas 79702

Imperial-American Management Company
507 Midland Savings Building
Midland, Texas 79701

Getty Oil Company
P.O. Box 730
Hobbs, New Mexico 88240

SUGGESTED ALLOCATION

The Alice Paddock #5 is currently closed in. The Blinebry was being pumped and the Tubb, previously flowing, is now dead. It is suggested that 30 days after commingling, a new C-116 be filed for the commingled production. Subtracting the enclosed C-116 Blinebry production will yield the Tubb production. An allocation will then be submitted through the Hobbs District Office.

1. Operator: Gulf Oil Corporation, P.O. Box 670, Hobbs, New Mexico 88240.
2. Lease, Well and Location: Alice Paddock #5, Unit B, 990' FNL and 2310' FEL, Section 1, T-22-S, R-37-E, Lea County, New Mexico.
3. Producing Zones: Currently producing from the Blinebry Gas Pool, which is to be commingled with the Tubb Gas Pool, if approved. The Tubb has been closed in since June 1, 1982.
4. Decline Curve: See Attached Sheets.
5. Bottom Hole Pressure: Based on a fluid level and SIWHP the calculated bottom hole pressure for the Tubb Zone is 912 psi. See graph for Blinebry bottom hole pressure.
6. Fluid Characteristics: The Blinebry and Tubb were commingled in surface facilities located on the Alice Paddock lease, prior to the Tubb being closed in, by Commingle Order PC-500, dated December 9, 1974. To date, there has been no evidence of fluid incompatibility.
7. Well History: The well was spudded 6-4-57 and drilled to a total depth of 6710'. Five and one-half inch production casing was set at 6350' with the top of the cement at 2935'.

9-10-57, the gross interval 6154'-6249' was perforated with (6) $\frac{1}{2}$ " JH. (Tubb Gas Zone)

9-11-57, the gross interval 6154'-6249' was fracture treated with 1100 gallons mud acid; 30,000 gallons refined oil containing 1# SPG. (Tubb Gas Zone).

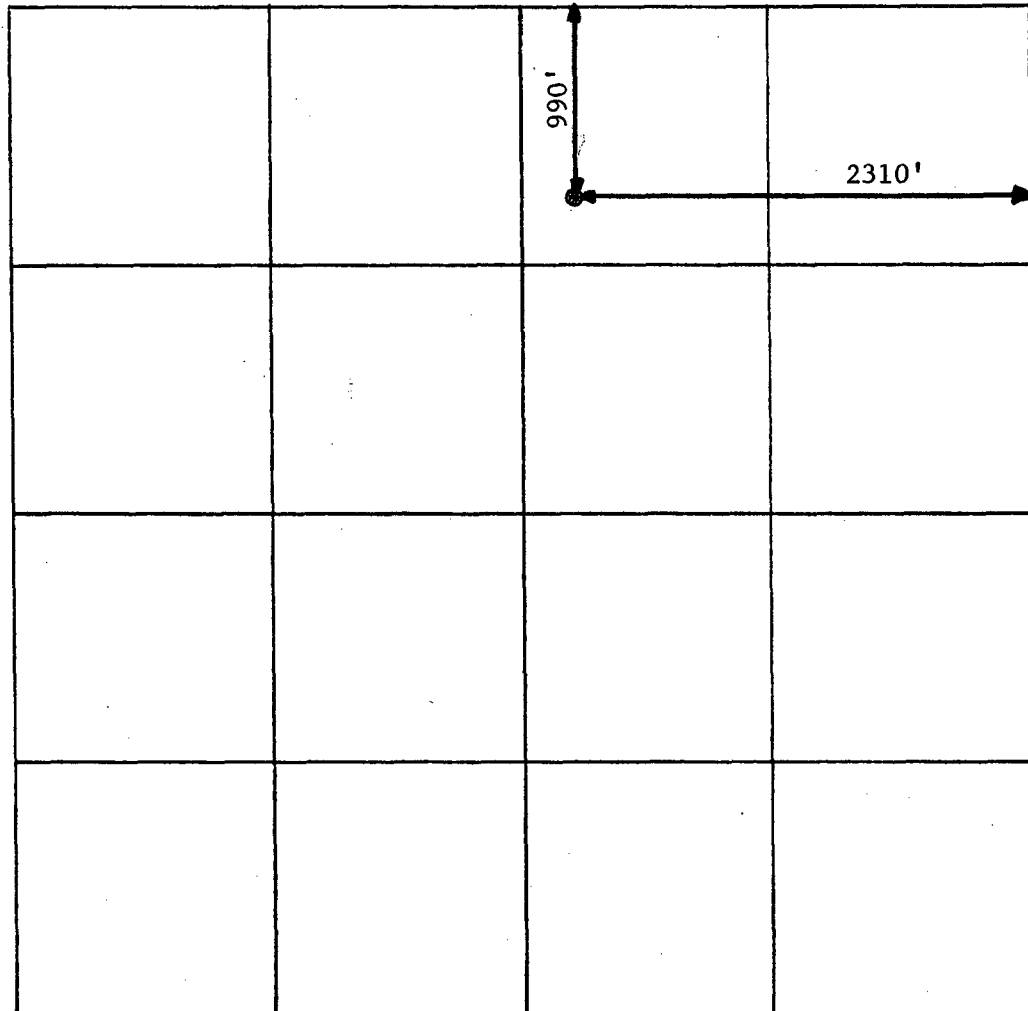
9-20-57, the gross interval 5517'-5828' was perforated with (6) $\frac{1}{2}$ " JH. (Blinebry Gas Zone).

9-22-57, the gross interval 5517'-5828' was fracture treated with 1300 gallons mud acid, 35,000 gallons of refined oil containing 1# SPG. (Blinebry Gas Zone).

3-17-77, the Tubb Gas interval 6154'-6249' was acid stimulated with 1000 gallons 15% HCl iron stabilized acid.

3-17-77, the Blinebry Gas interval 5517'-5828' was acid stimulated with 1000 gallons 15% HCl iron stabilized acid.
8. Value Of Commingled Fluids: The Tubb and Blinebry Gas Zones are being commingled in surface storage facilities on the subject lease per order PC-500, dated 12-9-74; therefore, down-hole commingling will not effect the price.
9. Current Production: See attached State form C-116.

SECTION 1

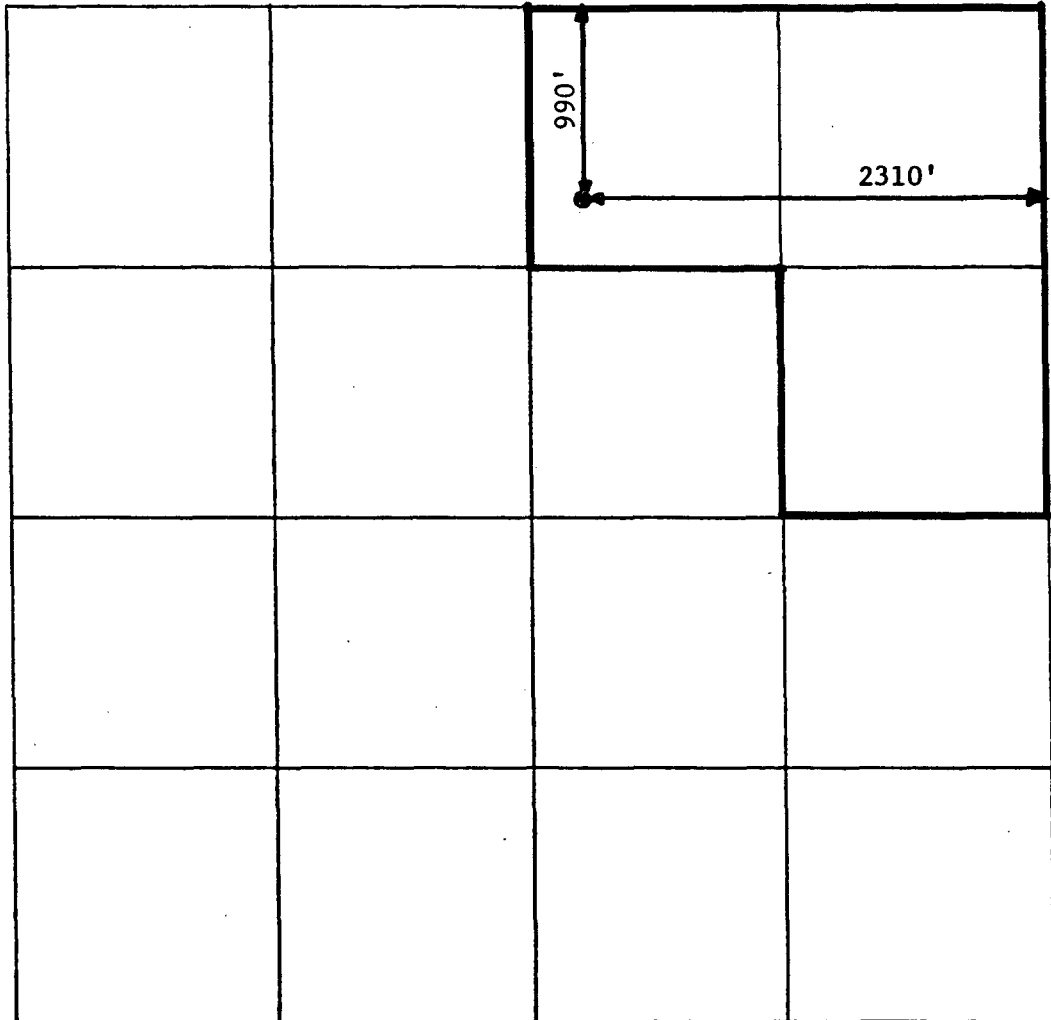


ALICE PADDOCK #5
990' FNL & 2310' FEL
Section 1, T-22-S, R-37-E

Blinebry Proration Unit

NSP-663

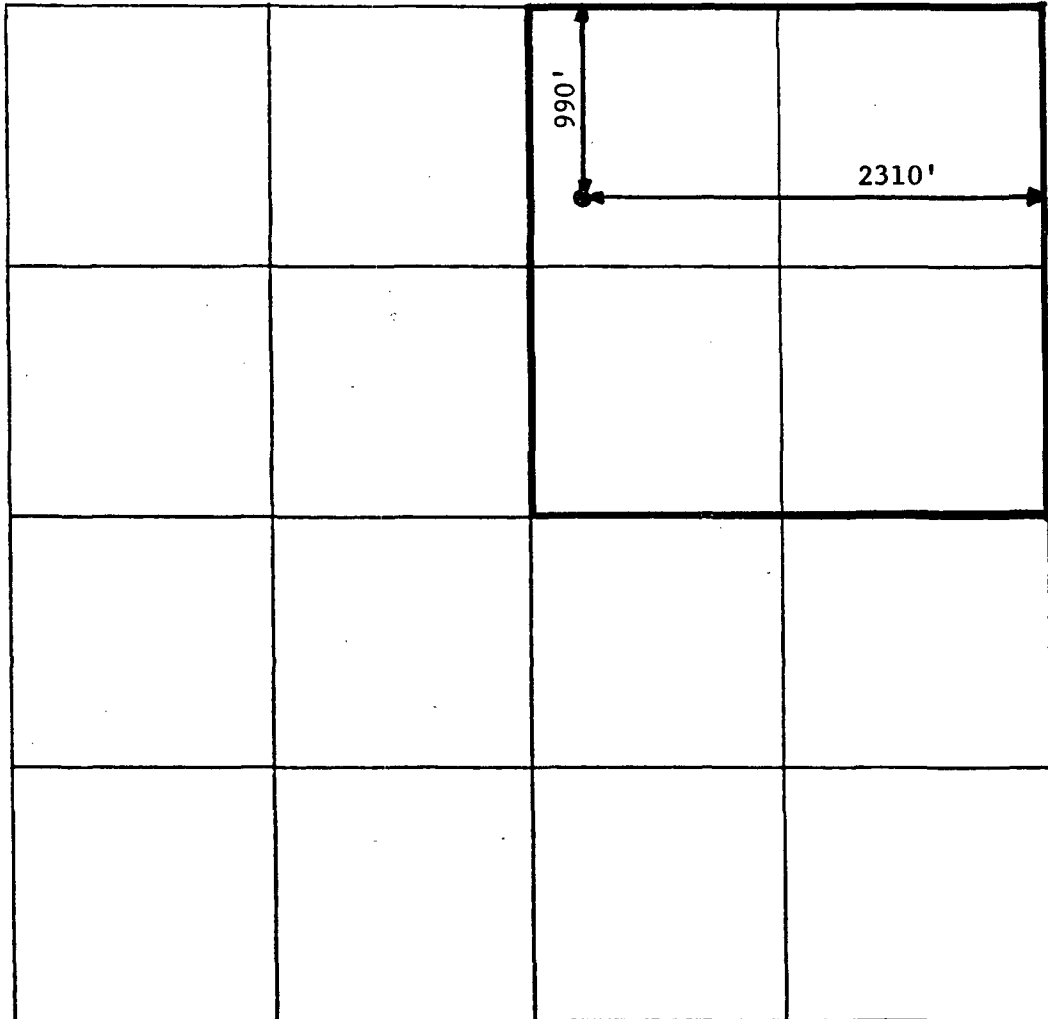
SECTION 1



ALICE PADDOCK #5
990' FNL & 2310' FEL
Section 1, T-22-S, R-37-E

Tubb Proration Unit

SECTION 1

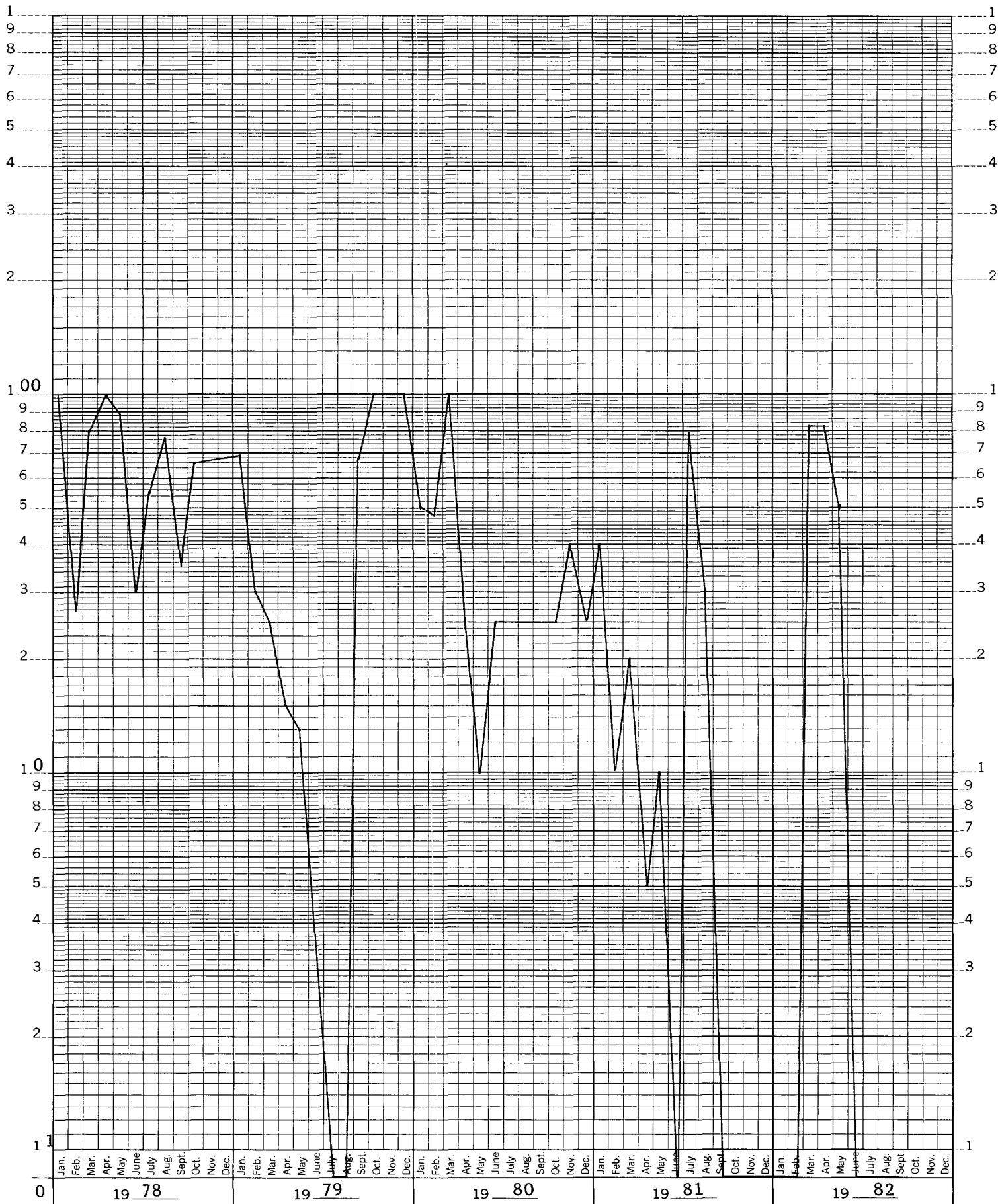


ALICE PADDOCK #5
990' FNL & 2310' FEL
Section 1, T-22-S, R-37-E

BLINEBRY OIL - BBLs/Month

46 6690

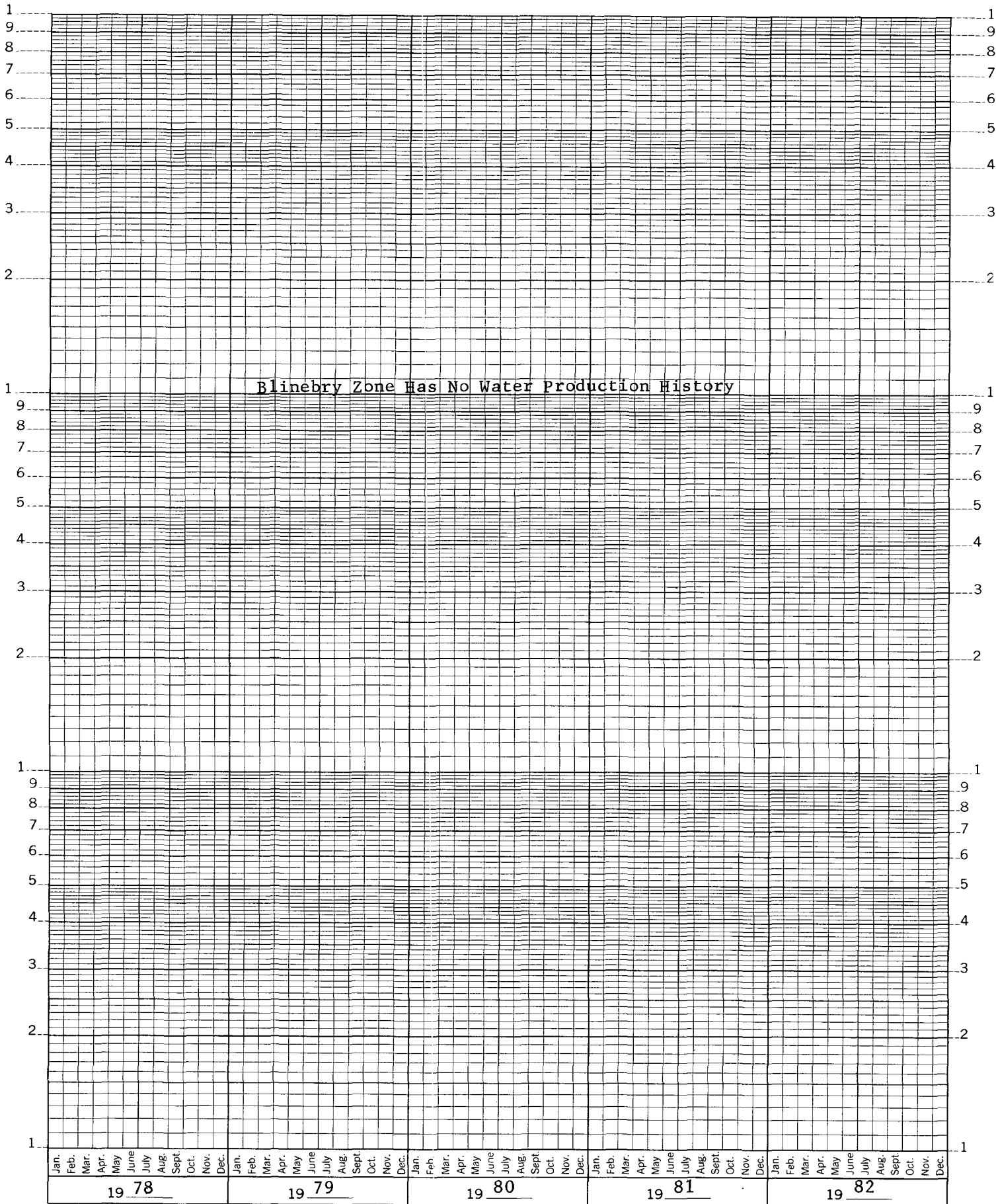
K+E
5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



Alice Paddock #5 Blinebry Water - BBLs /Month

46 6690

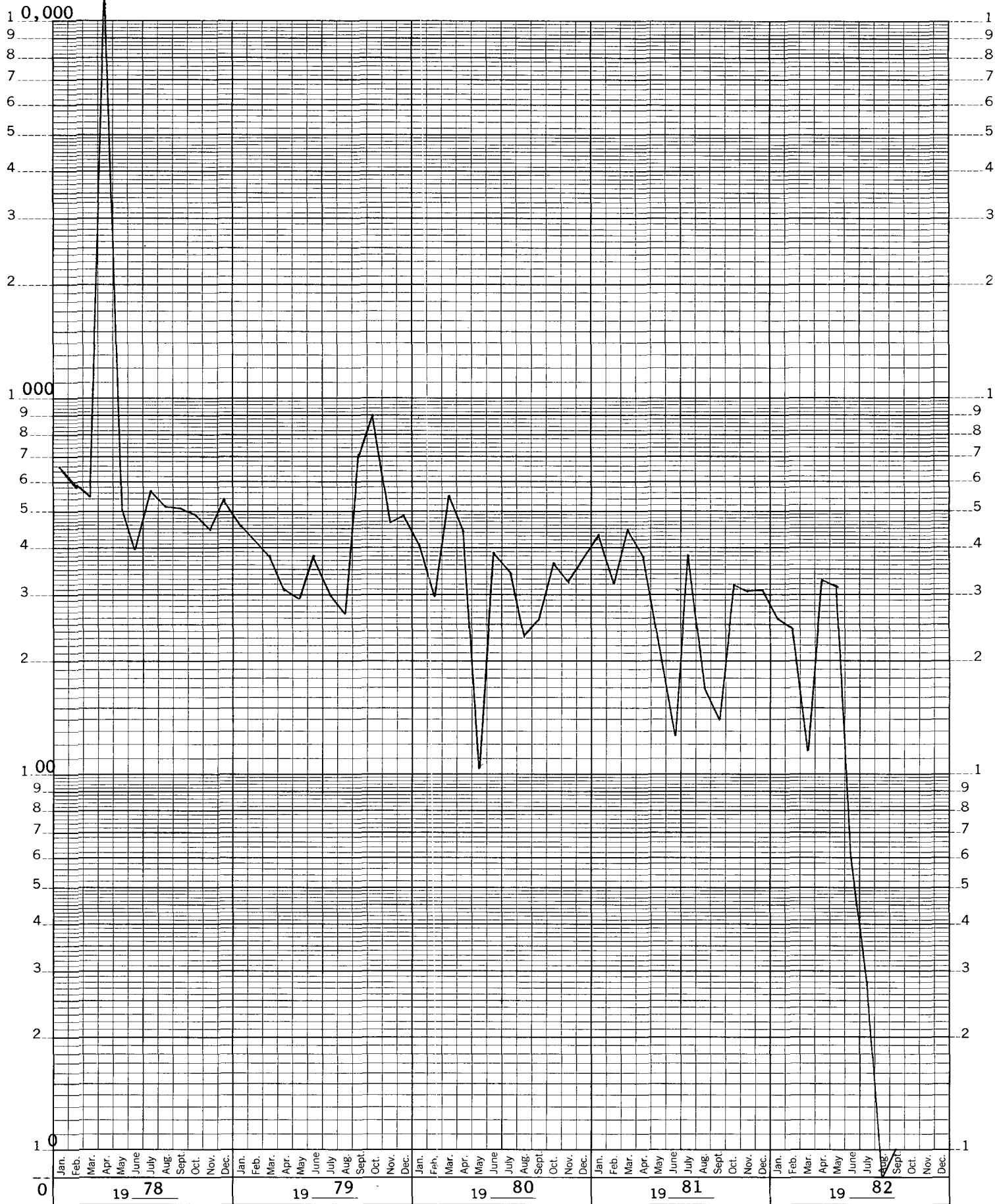
5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



ALICE PADDOCK #5 BLINEBRY GAS - MCF /Month

46 6690

K⁺Σ 5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



GAS-OIL RATIO TESTS

Operator Gulf Oil Corporation		Pool Blinebry		County Lea											
Address Box 670, Hobbs, NM 88240		TYPE OF TEST - (X) <input checked="" type="checkbox"/> TEST - (X)		Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.		
		U	S	T						R	WATER BBL'S.	GRAV. OIL BBL'S.		OIL BBL'S.	GAS M.C.F.
Alice Paddock	5	B	I	22	37	10-18-82	P 2" WO	40	-	24	0	37.8	4	89.0	22250

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

A. C. Shabane
(Signature)
Well Tester

(Title)
November 2, 1982
(Date)

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Division.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

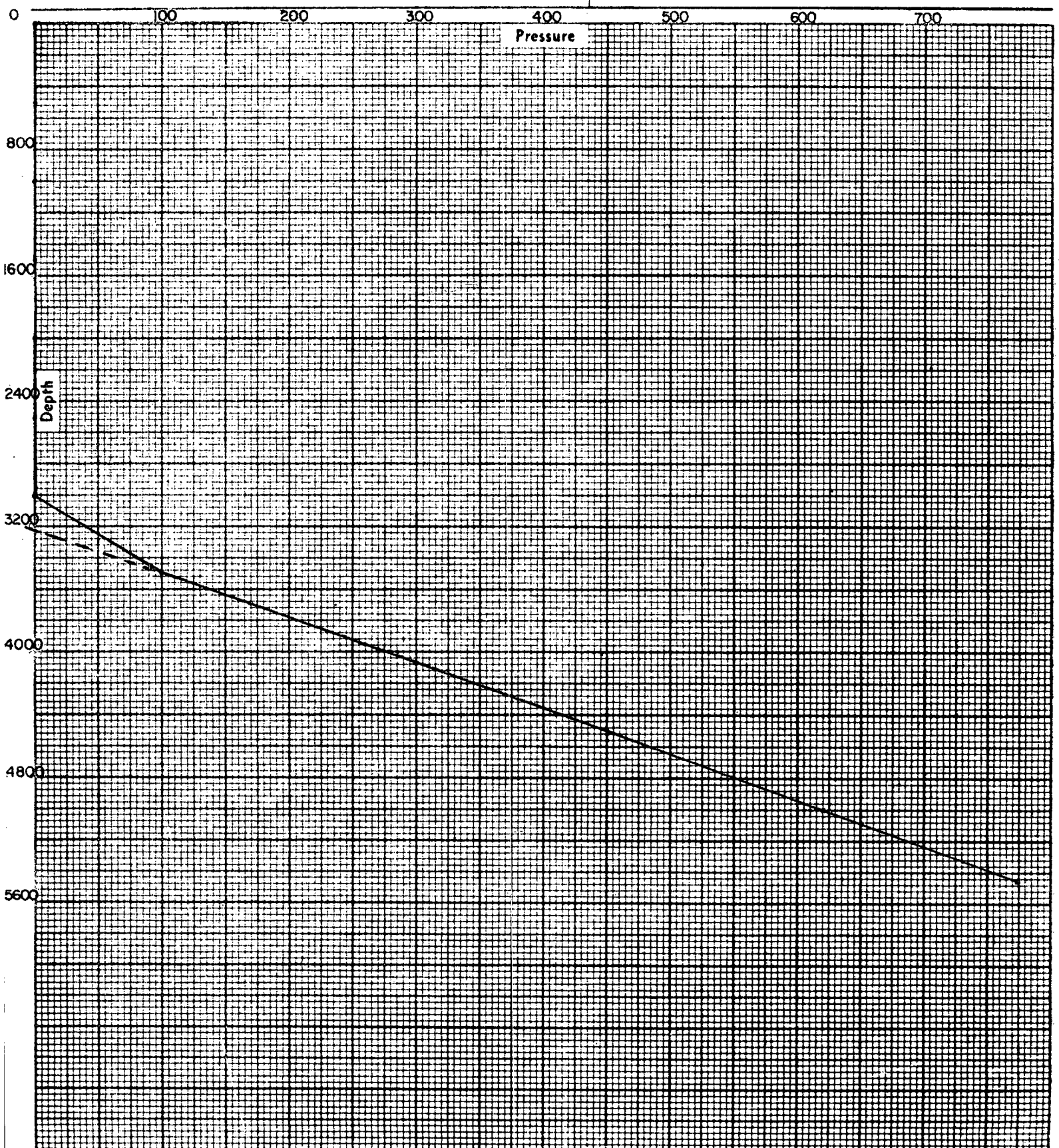
JOHN W. WEST ENGINEERING COMPANY
412 NORTH DAL PASO, HOBBS, NEW MEXICO

TELEPHONES 393-3942
393-3117

BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR GULF OIL CORP.
LEASE ALICE PADDOCK
WELL NO. 5
FIELD BLINEBRY
DATE 10-5-82 TIME 5:30 P.M.
STATUS Shut-In TEST DEPTH 5460'
TIME S.I. LAST TEST DATE
CAS. PRES. BHP LAST TEST
TUB. PRES. 000psi BHP CHANGE
ELEV. FLUID TOP 3240'
DATUM WATER TOP
TEMP RUN BY T.B.
CLOCK NO. 23122 GAUGE NO. 19389
ELEMENT NO. 18129 (0-2500 psi)

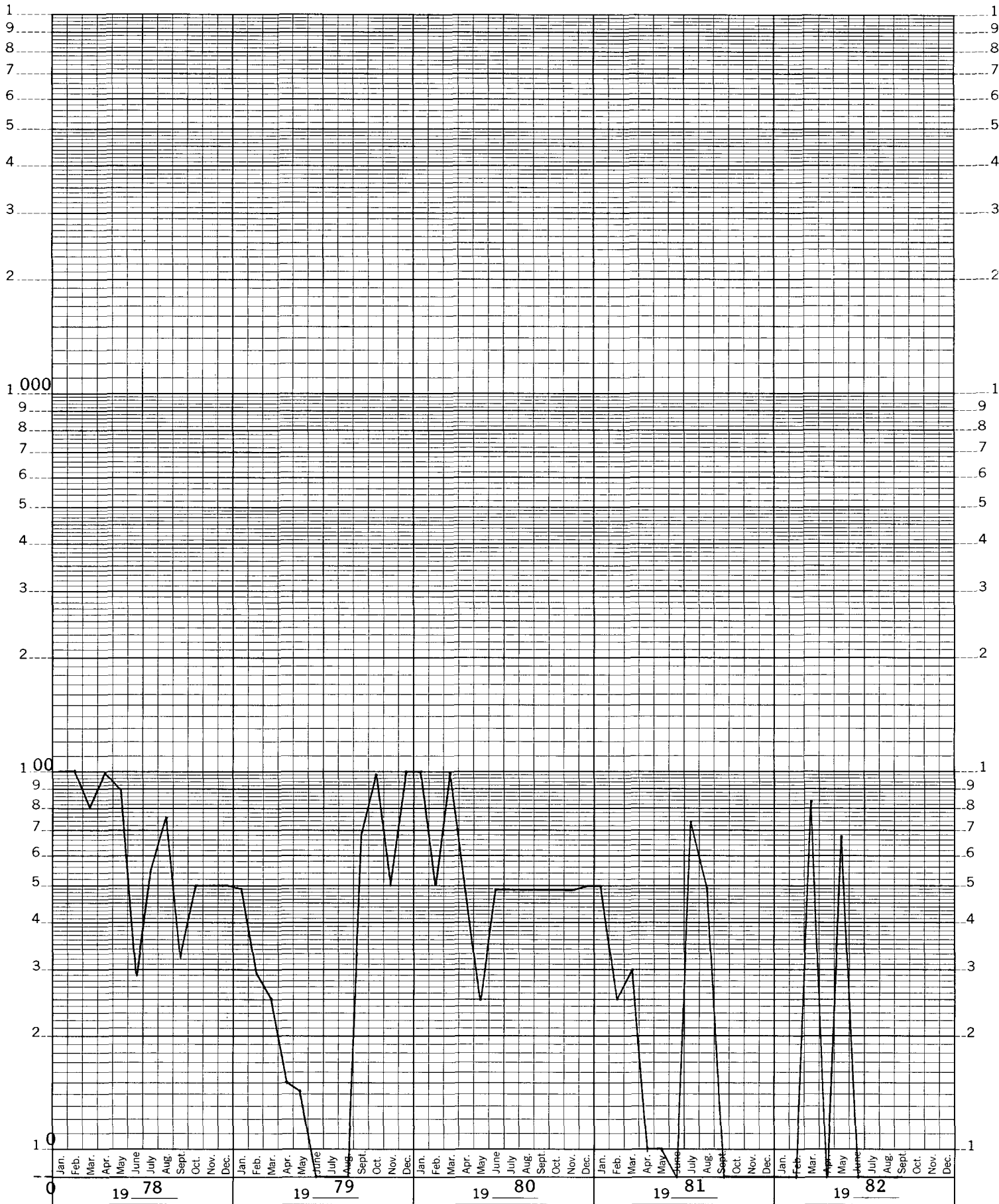
DEPTH	PRESSURE	GRADIENT
000	000	
500	000	Neg.
1000	000	Neg.
1500	000	Neg.
2000	000	Neg.
2500	000	Neg.
3000	000	Neg.
3500	100	.200
4000	278	.356
4500	451	.346
5000	620	.338
5460	774	.335



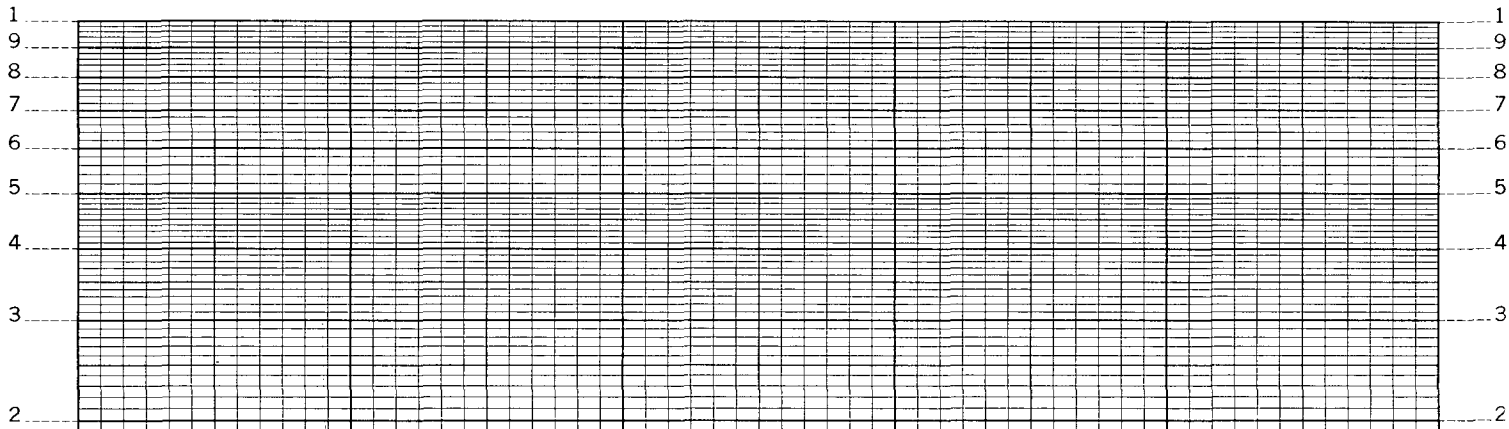
ALICE PADDOCK #5 TUBB OIL - BBLs/Month

46 6690

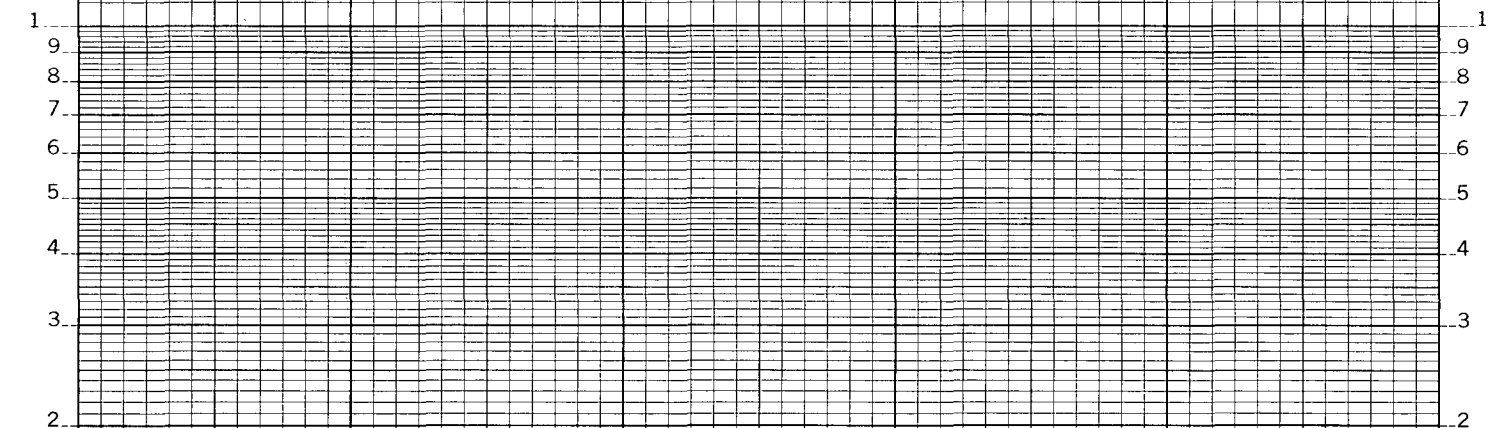
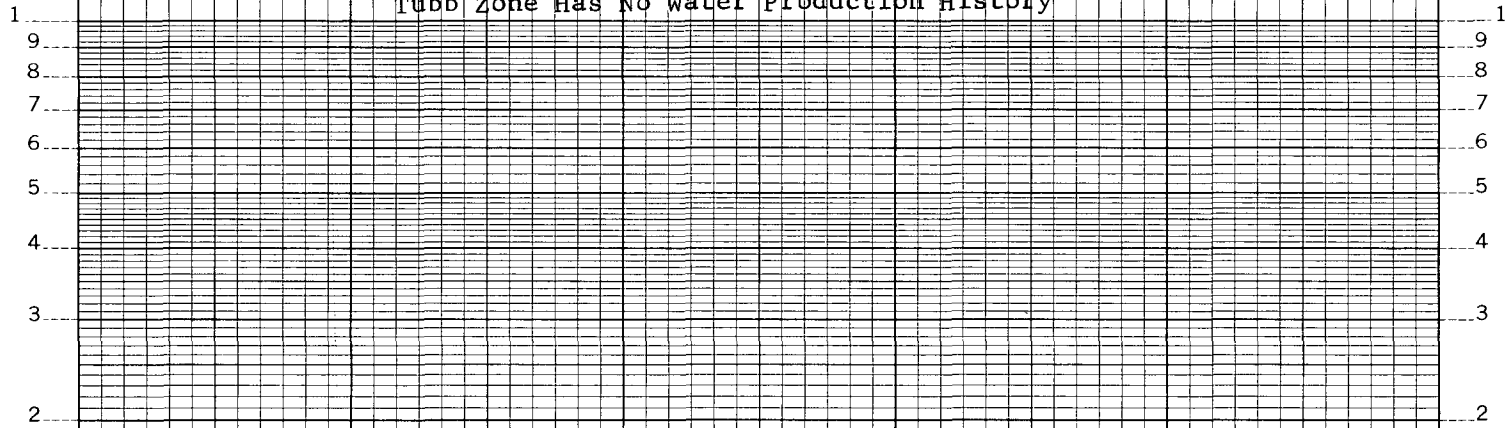
5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



Alice Paddock #5 Tubb Water - BBLS /Month



Tubb Zone Has No Water Production History



Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.												
19 78												19 79												19 80												19 81												19 82											

46 6690

TUBB GAS - MCF/Month

10,000

K_#W 5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

