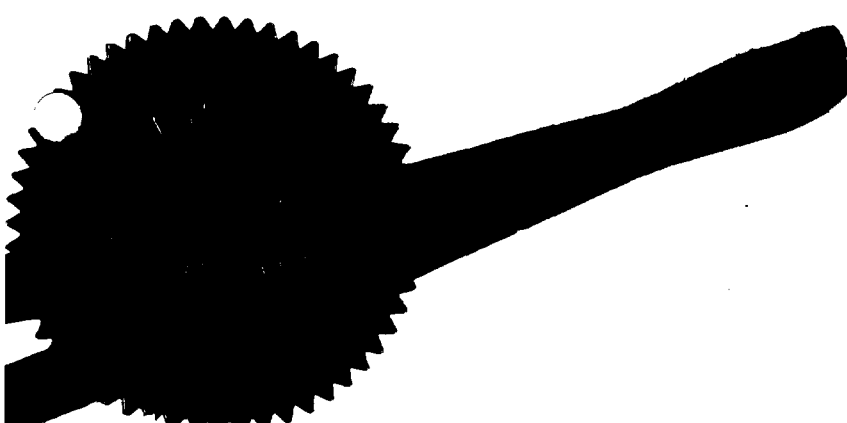


C E R T I F I C A T E

N O. 2 0 0 7

I hereby certify that I have carefully and thoroughly examined and searched the records of the office of Commissioner of Public Lands of the State of New Mexico and find that the beneficiary institution is Common Schools for the N $\frac{1}{2}$ of Section 17, and the E $\frac{1}{2}$ and SW $\frac{1}{4}$ of Section 18, in Township 17 South, Range 33 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government, in Clear List No. 21, approved on November 25, 1916, under the provisions of the Act of Congress approved June 20, 1910 (36 Stat., 557), in part satisfaction of its grant of 1,000,000 acres, in payment of bonds issued by Santa Fe and Grant Counties, free from conflicts or other adverse claims of record and not mineral in character; that these bonds have been discharged; and that under the terms of the grant, the beneficiary institution has been changed to Common Schools:

THAT the beneficiary institution is Common Schools for the SE $\frac{1}{4}$ of Section 13, Township 17 South, Range 32 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government, in Clear List No. 111 of School Indemnity Land Selections, approved on May 31, 1919, as indemnity for losses to the grant for the support of Common Schools, made under the provisions of the Acts of Congress approved June 20, 1910 (36 Stat., 557), free from conflicts or other adverse claims of record and not mineral in character:



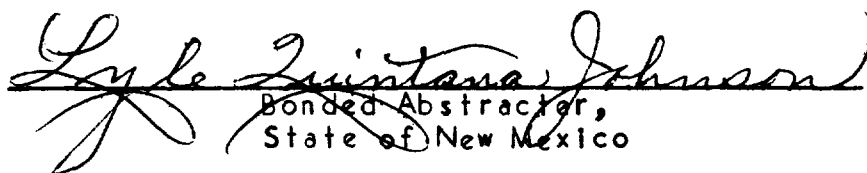
THAT the beneficiary institution is Common Schools for the $S\frac{1}{2}$ of Section 7, the $S\frac{1}{2}$ of Section 8, and the $SW\frac{1}{4}$ of Section 9, in Township 17 South, Range 33 East, N.M.P.M., and for the $NE\frac{1}{4}$ and $W\frac{1}{2}$ of Section 13, Township 17 South, Range 32 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government, in Clear List No. 111 of School Indemnity Land Selections, approved on May 31, 1919, as shown above:

THAT the beneficiary institution is Common Schools for the $S\frac{1}{2}$ of Section 17, the $NW\frac{1}{4}$ of Section 18, all of Section 19, and the $N\frac{1}{2}$ of Section 20, in Township 17 South, Range 33 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government in Clear List No. 21, approved on November 25, 1916, in Payment of Bonds Issued by Santa Fe and Grant Counties, as shown above:

AND THAT the beneficiary institution is Common Schools for the $W\frac{1}{2}$ of Section 16, Township 17 South, Range 33 East, and title to this land is claimed by the State of New Mexico under the grant made to the Territory of New Mexico for common school purposes, by Act of Congress which was approved on June 21, 1898, and confirmed by United States Patent No. 1202899 to the State of New Mexico, dated December 31, 1959.

DATED at Santa Fe, New Mexico, this 4th day of December, 1961, at 4:00 o'clock p.m.

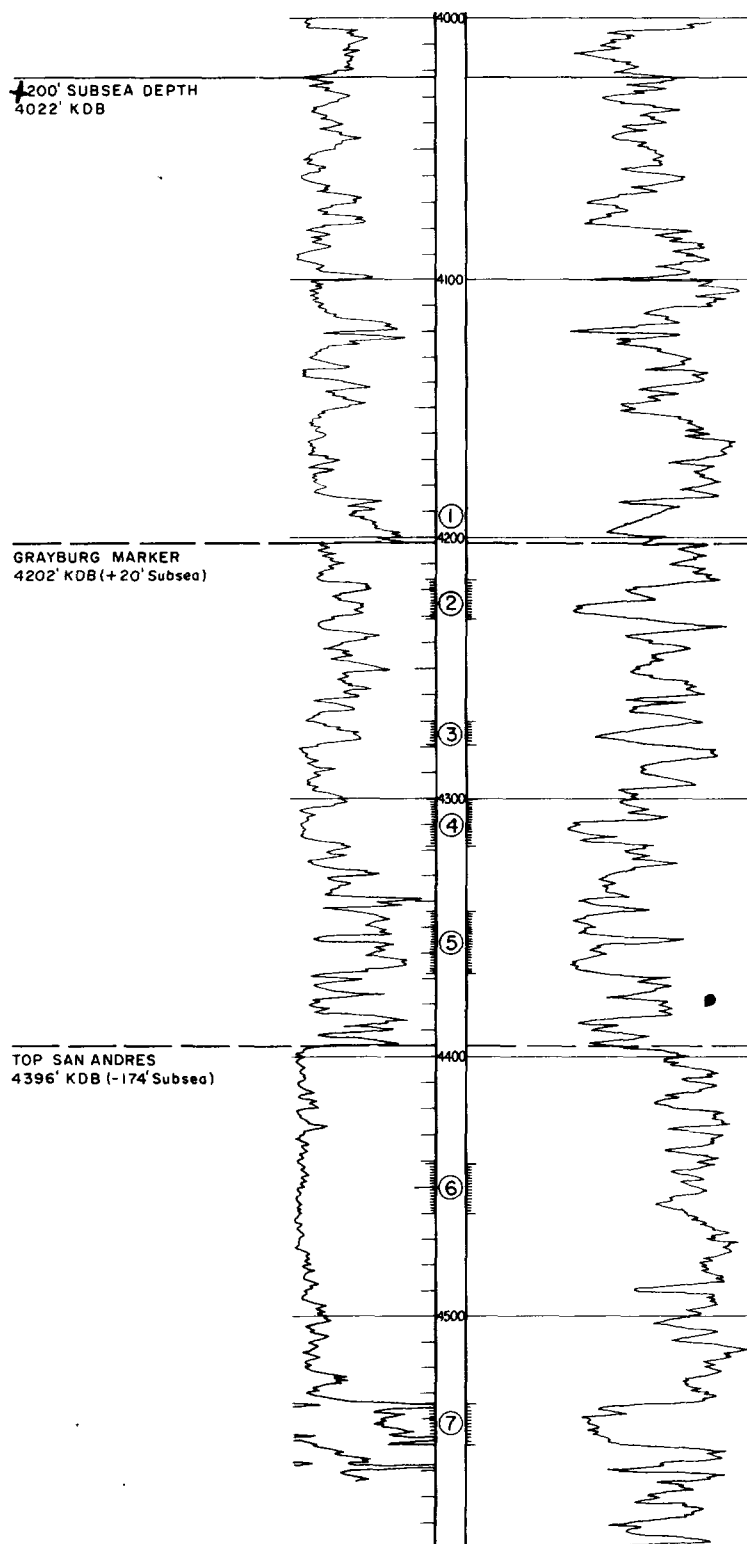
(Certificate is void if seal is broken.)

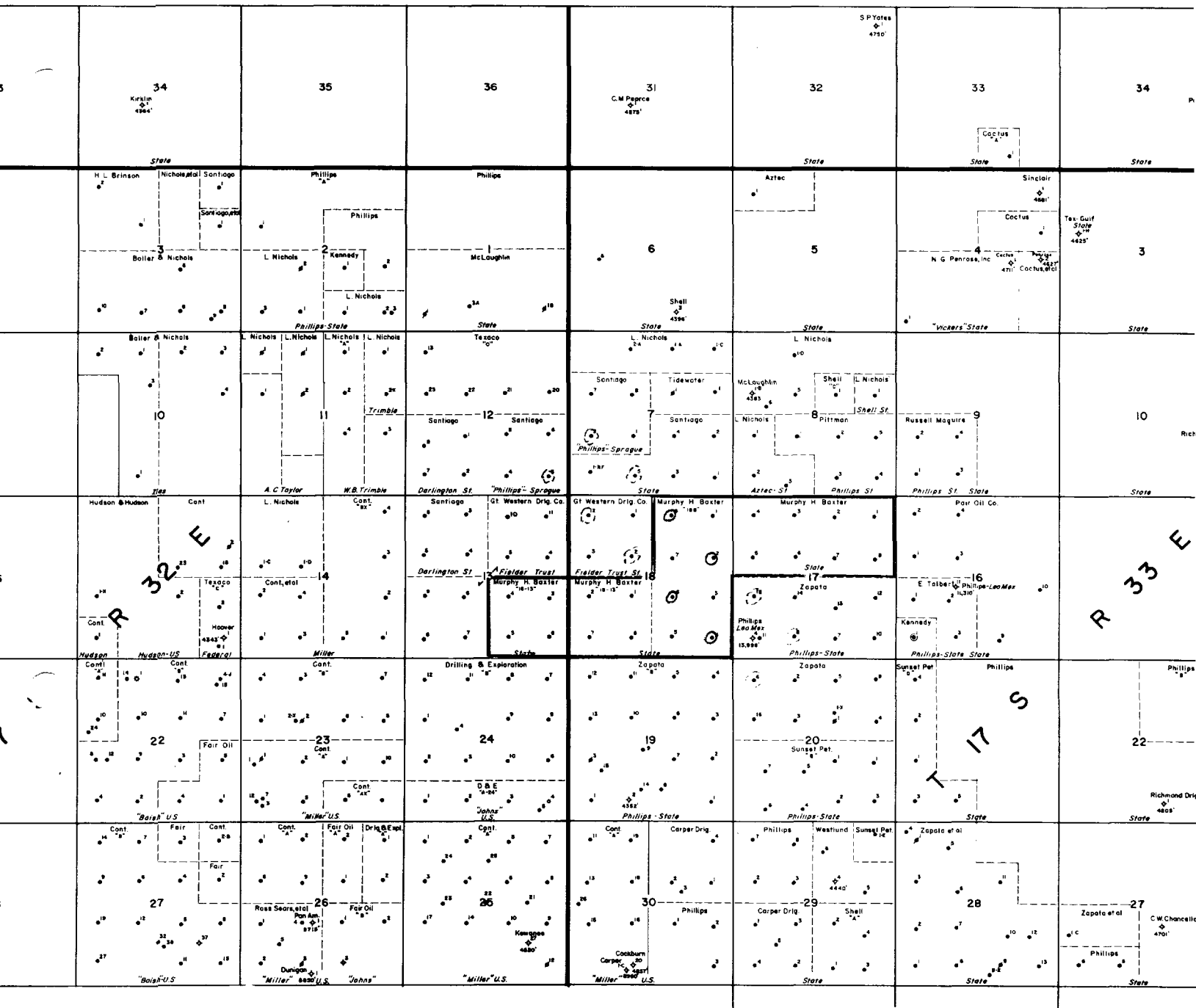

Bonded Abstractor,
State of New Mexico

DETAIL LOG SECTION
SHOWING FORMATIONS AND PRODUCING ZONES

MURPHY H. BAXTER
STATE 18-B NO. 2

ELEVATION: 4222' KDB





MURPHY H. BAXTER WATERFLOOD PROJECT

THREE STATE LEASES

MALJAMAR GRAYBURG - SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO

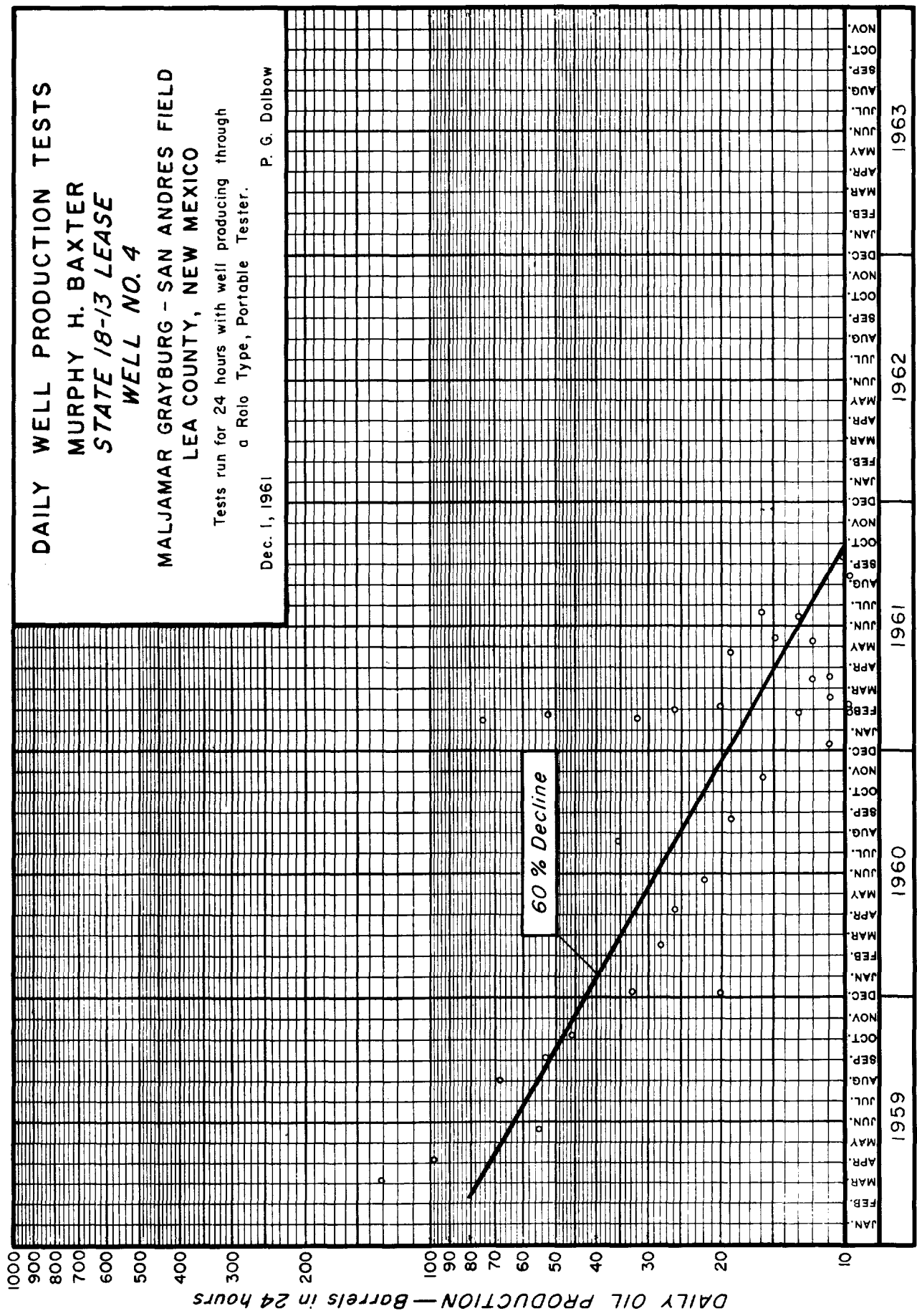
- ⊗ Proposed Pilot Injection Well
- ⊙ Proposed Offset Operator Injection Well
- Grayburg and San Andres Producing Oil Wells

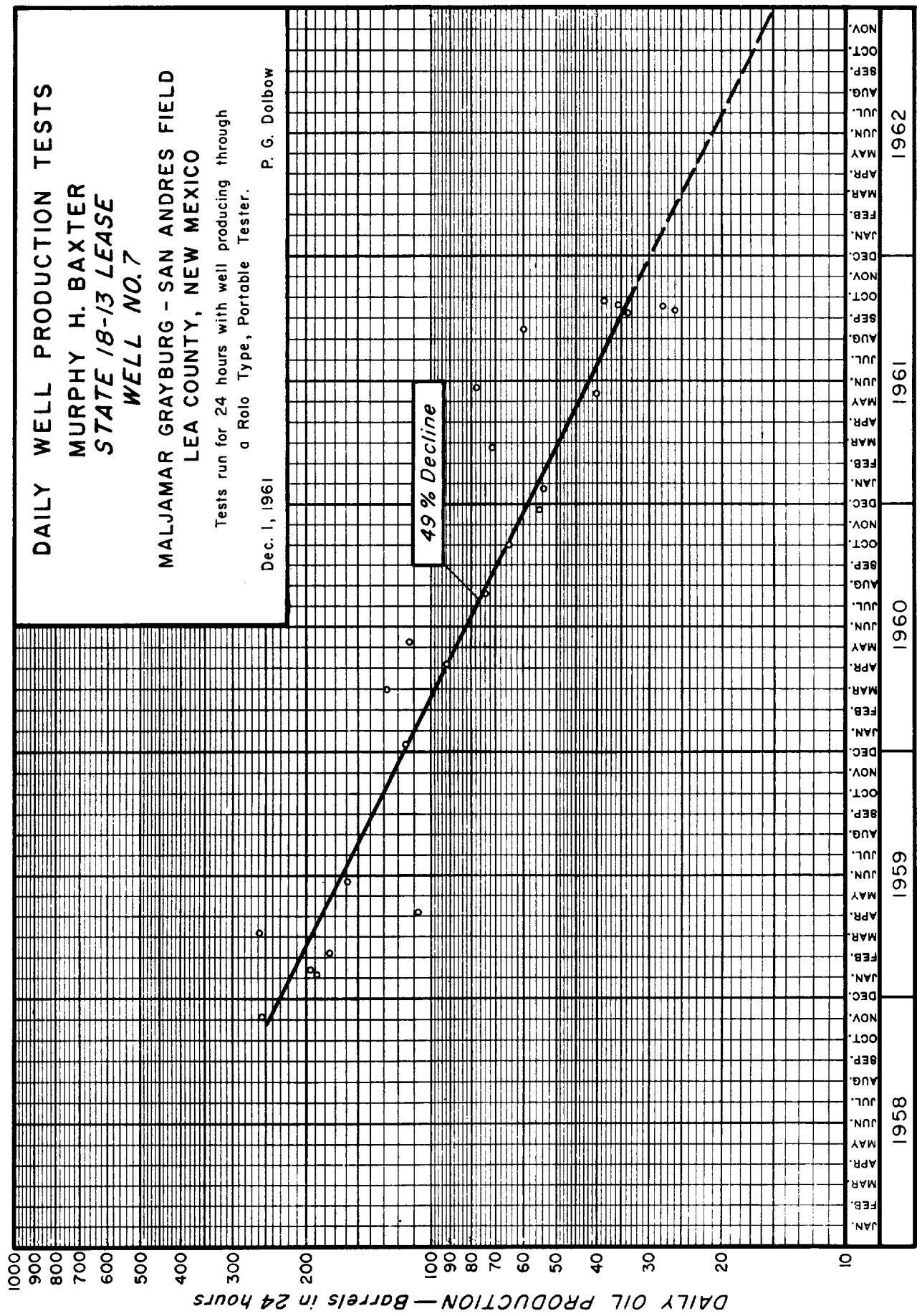
Dec. 1, 1961

R. G. Dolbow

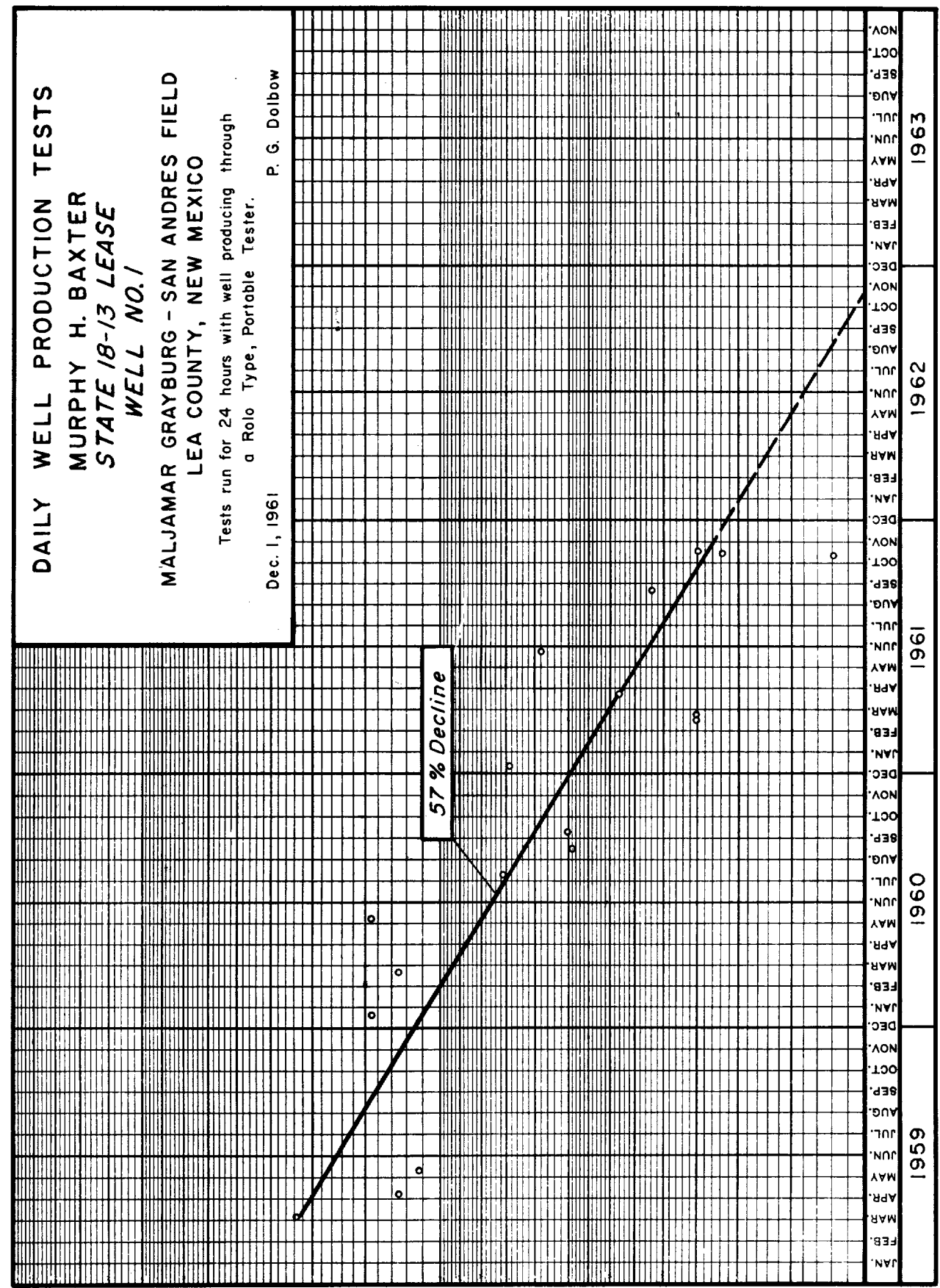
INJECTION WELL CASING COMPLETION DATA
MURPHY H. BAXTER WATERFLOOD PROJECT
STATE 18-B LEASE

INJECTION WELL NO.	ELEV. KOB	TOTAL DEPTH	COMPLETION INTERVALS	SURFACE CASING		PRODUCTION CASING		BIT SIZE	
				SIZE	DEPTH	SIZE	DEPTH		
2	4222'	4591'	4218 - 31	8-5/8"	293'	5½"	4593'	270	7-13/16"
			4270 - 79						
			4300 - 18						
			4344 - 68						
			4441 - 60						
4	4220'	4639'	4534 - 50	8-5/8"	325'	5½"	4628'	260	7-7/8"
			4200 - 14						
			4264 - 74						
			4308 - 18						
			4334 - 43						
6	4220'	4573'	4360 - 76	9-5/8"	316'	5½"	4573'	260	7-7/8"
			4492 - 50						
			4572 - 85						
			4193 - 207						
			4265 - 87						
8	4226'	4544'	4305 - 11	8-5/8"	329'	5½"	4544'	260	7-7/8"
			4322 - 41						
			4447 - 55						
			4530 - 40						
			4148 - 60						
			4180 - 90						
			4238 - 48						
			4254 - 68						
			4280 - 85						
			4299 - 320						
			4508 - 22						





DAILY OIL PRODUCTION—Barrels in 24 hours



DAILY WELL PRODUCTION TESTS
MURPHY H. BAXTER
STATE 18-13 LEASE
WELL NO. 1

MALJAMAR GRAYBURG - SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO
Tests run for 24 hours with well producing through
a Rolo Type, Portable Tester.
Dec. 1, 1961 P. G. Dolbow