

METHOD OF ASSIGNING PRESSURES TO MONUMENT PACKER WELLS

The committee recommends the following procedure in determining the bottom hole pressure of wells in which packers have been set:

Pressures shall be taken in packer wells as in nonpacker wells, and the pressures used in determining the average bottom hole pressure of the field and the percentage rate of increase or decrease in the field's average bottom hole pressure.

If the operator elects, the bottom hole pressure of a packer well may be used to determine its allowable according to the formula in use.

If he elects not ^{to} use the measured pressure, and it has been determined to the satisfaction of the proration umpire that the packer has in fact been successful in conserving reservoir energy, then a bottom hole pressure may be assigned to the packer well, which bottom hole pressure is to be used in determining the allowable of the well according to the formula. The assigned pressure shall be calculated by applying to the bottom hole pressure of the packer well the average percentage increase or decrease of bottom hole pressure in all of the non-packer wells on the eight units adjoining or cornering on the unit on which the packer well is situated. This average percentage increase or decrease shall be applied to the bottom hole pressure of the packer well found by actual test in the regular pressure survey run prior to the date the packer was effectively set. If none of the wells on the eight units described above are without a packer, then in that event the percentage increase or decrease of the field's average bottom hole pressure may be used in determining the bottom hole pressure of the packer well in the same manner as described above.

Where packers have been set before the effective date of the acceptance of these recommendations, and the packers are effective in conserving reservoir energy, then at the option of the operator the pressure of the packer well may be determined as described above and used in the future in determining allowable. In no event shall any change in such bottom hole pressure be used retroactively.

It is recommended that bottom hole pressure be taken in all wells in the field unless mechanically impossible so that averages of the two types mentioned above used in assigning pressures may be as representative as possible.

The committee urges that each operator do the necessary remedial work to reduce gas-oil ratios.

ENGINEERS COMMITTEE

Edgar Kraus.
Chairman.

~~Taking~~
METHOD OF APPLYING BOTTOM HOLE PRESSURES
IN THE MONUMENT FIELD.

The bottom hole pressure shall be taken at a sub-sea depth of -250 ft. In event this depth cannot be reached, the gradient shall be determined between this sub-sea depth and the actual measured depth and the bottom hole pressure of the well corrected according to the weight of the fluid or gas as determined by the gradient. If for any reason a gradient cannot be determined the well will be given the unit allowance.

LEA COUNTY OPERATORS COMMITTEE

HOBBS, NEW MEXICO

February 3, 1941

HOBBS POOL

<u>COMPANY</u>	<u>POLICY SETTLING OFFICIAL</u>	<u>ADDRESS</u>
✓ Amerada Petroleum Corp.	H.B. Marsh	Tulsa, Okla.
✓ Atlantic Refining Co.	Edgar Kraus	Carlsbad, New Mexico
✓ Cities Service Oil Co.	D.D. Bodie	Hobbs, New Mexico
✓ Continental Oil Co.	H.P. Hurley	Ft. Worth, Texas
✓ Gulf Oil Corp.	S.C. Sanderson	Tulsa, Oklahoma
✓ Humble Oil & Refg. Co.	John R. Suman	Houston, Texas
✓ Landreth Prod. Corp.	H.A. Landreth	Ft. Worth, Texas
✓ Magnolia Pet. Co.	S.P. Hannifin	Roswell, N.M.
✓ Midcontinent Pet. Corp.	G.O. Moody	Tulsa, Okla.
✓ Ohio Oil Co.	Glenn Bish	Houston, Texas
✓ Repollo Oil Co.	H.J. Summy	Midland, Texas
✓ Samedan Oil Corp.	Lloyd Biddick	Ardmore, Okla.
✓ Shell Oil Co., Inc.	H.J. Kemler	Midland, Texas
✓ Skelly Oil Co.	J.E. Dunlavey	Hobbs, N.M.
✓ Southern Pet. Exploration Co-Inc.	J.B. Headley	Roswell, N.M.
✓ Standard Oil Co. of Texas	W.L. Simpson	Midland, Texas
✓ Stanolind Oil & Gas Co.	A.M. McCorkle	Ft. Worth, Texas
✓ Sun Oil Co.	Francis Heath	Dallas, Texas
✓ The Texas Co.	H.S. Cole, Jr.	Ft. Worth, Texas
✓ Texas Pacific Coal & Oil Co.	C.E. Yeager	Ft. Worth, Texas
✓ Tidewater Assoc. Oil Co.	Jack Roth	Tulsa, Okla.
Two States Oil Co.	Howard Holmes	Dallas, Texas
Walker Oil Corp.	Ferry Walker	Wichita, Kansas

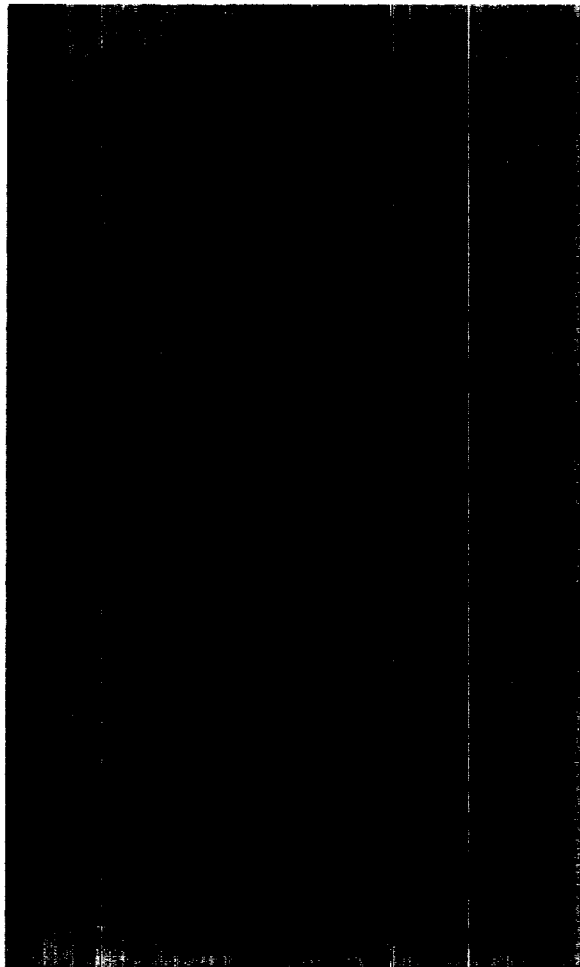
HOBBS POOL

<u>COMPANY</u>	<u>POLICY-SETTING OFFICIAL</u>	<u>ADDRESS</u>
✓ Amerada Petroleum Corp.	R. S. Christie	Fort Worth, Texas
✓ Atlantic Refining Co.	Edgar Kross	Oakland, Cal.
✓ Cities Service Oil Co.	D. D. Bodie	Hobbs, N.M.
Continental Oil Co.	H. B. Hurley	Fort Worth
Getty Oil Co.		
✓ Gulf Oil Corp.	S. G. Sanderson	Tulsa, Okla.
Humble Oil & Refg. Co.	John R. Sumner	Houston
Landreth Prod. Corp.	Ed Landreth	Fort Worth
Magnolia Pet. Co.	S. P. Handberg	Amwell
Midcontinent Pet. Corp.	Jos. Scarborough Box 381	Tulsa, Okla.
Ohio Oil Co.	Glenn Beah	Houston, Tex.
Repollo Oil Co.	Z. G. Sumner	Midland
Samedan Oil Corp.	Lloyd Biddick	Arden, Cal.
Shell Oil Co., Inc.	H. J. Kinsler	Midland, Tex.
Skelly Oil Co.	J. M. Dunsen	Hobbs
Southern Pet. Exploration Co., Inc.	J. B. Hedley	Rockwell
Standard Oil Co. of Texas	Harry Harrison	Houston, Tex.
Stanolind Oil & Gas Co.	A. M. 7115 Corfela	Fort Worth
Sun Oil Co.	Francis Heath	Dallas
The Texas Co.	H. S. Cole Jr.	Fort Worth
Texas Pacific Coal & Oil Co.	O. G. Campbell	Midland, Texas
Tidewater Assoc. Oil Co.	E. W. Childers	Midland, Texas
Two States Oil Co.	Howard Williams	Dallas, Texas
Walker Oil Corp.	Harry Walker	McKatoon, Kan.
J. P. Cussack, Inc.	J. P. Cussack	Fort Worth
		Midland

48 There Ex 5

Colored units
representing units
fisheries water
at various depths
as shown by
various varying
shades.

p 45 - Ex 6 - pencil
sketch made
by witness.



48 These Ex 5
 Colored units
 representing units
 producing water
 at various degrees
 as shown by
 various varying
 shades.

p 45 - Ex 6 - pencil
 sketch made
 by witness.

R.G. Schuchle -
 Monument Hearing
 3-7-40 - Case 14.
 pp 37-63 was.

p 37 - Ex 1 -
 Cross section of
 alluvial deposit in field
 p 39 - Ex 2 -
 north-south
 cross section through
 the long length of
 the Monument field

p 44 - Ex 3 - showing
 producing zone
 p 45 - Ex 4 - showing
 shell and presentation
 of the monument structure.