



## PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79760  
PHILLIPS BUILDING, FOURTH & WASHINGTON

EXPLORATION & PRODUCTION DEPARTMENT

September 4, 1968

Phillips Petroleum Company's Lea  
No. 23, 510' FSL and 810' FEL,  
Section 30, T-17-S, R-34-E, Lea  
County, New Mexico -- Request for  
Administrative Approval of Gas  
Well Completion at Unorthodox  
Location.

File: W3-McC-400-68

New Mexico Oil Conservation Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter, Jr.  
Secretary-Director

Gentlemen:

Phillips Petroleum Company respectfully requests your administrative approval for completion of its Lea Well No. 23 at an unorthodox gas well location. This well was drilled as a 12,700' wildcat Strawn oil test at an orthodox location of 510' FSL and 810' FEL, Section 30-17S-34E. The Strawn formation was drill stem tested from 12,210'-12,396' and recovered 30' of drilling mud with no show. At depth of 12,589' Schlumberger logs were run and analyzed, yielding no indication of commercial Strawn possibilities. On May 31, 1968, verbal approval was obtained to extend the depth 1,000' to 13,700' to test Morrow sand possibilities (approved Form C-103, dated June 5, 1968). Well was subsequently drilled to a depth of 13,623' and a small volume gas producer obtained in the Morrow sand through perforated intervals from 13,224' to 13,512'. Attached Form C-122 shows Absolute Open Flow of 565 MCF per day.

Sufficient Lea lease acreage exists to permit standard gas unit dedication of 320 acres; however, location is unorthodox for a gas well completion. Administrative approval of this unorthodox location to permit production from a gas well completion in the Morrow sand is requested. No additional Morrow development is anticipated, and all offset operators have been advised of this application by certified mail.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

ORIGINAL SIGNED BY  
F. F. LOVERING

F. F. Lovering, Manager  
Southwestern Region

WJM:rd  
Attachments



New Mexico Oil Conservation Commission  
September 4, 1968

File: W3-McC-400-68

cc: New Mexico Oil Conservation Commission  
P. O. Box 1980  
Hobbs, New Mexico 88240  
Attachments

Sinclair Oil and Gas Company  
P. O. Box 1470  
Midland Savings Building  
Midland, Texas 79701

Shell Petroleum Company  
P. O. Box 3167  
Midland, Texas 79701

w/o attachments

bcc: File Copy (Bartlesville)  
W. J. Mueller

WJM:rd

As a result of the above, the following can be concluded:

- 1. The use of the proposed method makes it possible to obtain the optimal solution of the problem of the control of the motion of the manipulator.
- 2. The proposed method makes it possible to obtain the optimal solution of the problem of the control of the motion of the manipulator.
- 3. The proposed method makes it possible to obtain the optimal solution of the problem of the control of the motion of the manipulator.

[illegible][illegible]

100

R-33-E

15400  
Phillips

24

R-34-E

17360  
Phillips

19

17360  
Phillips

20

Marathon  
Not  
"Bridges-St."  
DOB  
"Marathon-St."  
4800'

15400  
Phillips

25

"Leomex"

Hood  
4952'  
5278  
17360 Phillips

Vacuum

30

"Leo"

17360  
Phillips

29

"Leo"

15459  
Phillips

15459-2  
Sinclair  
"F"

Kincaid-Watson

17360-DR

17360

Cola-Dorden

Sinclair

Texaco  
"D"  
4900'

15459-2  
R-1796  
"F"  
Sinclair  
"State"

27019  
"E"  
Sinclair  
"State"

R-1796  
"State"

"Hale"

Schro

"Leo-St."

Schro

"B"

"C"

36  
El Charro

E.K. Field

McMahon  
4092' "Mobil-State"

R-1146  
"Phillips-Lea St. B"

"State"

"State"

32  
Sinclair

"C"

Pan Am  
"CP"

Exxon Service  
"B"

17360 Malco  
Phillips  
4802'

LEA CO., N.MEX.  
SCALE: 1" = 2000'

- VACUUM (G-SA)
- E.K. (YATES 7-RIV QUEEN)
- MORROW GAS

Livermore

Pan Am  
4470

Pan Am  
CL

Travis

Marlo

Wilson

"Corpor"

SFP 1 1957

Phillips Petroleum Company

Well No. 23

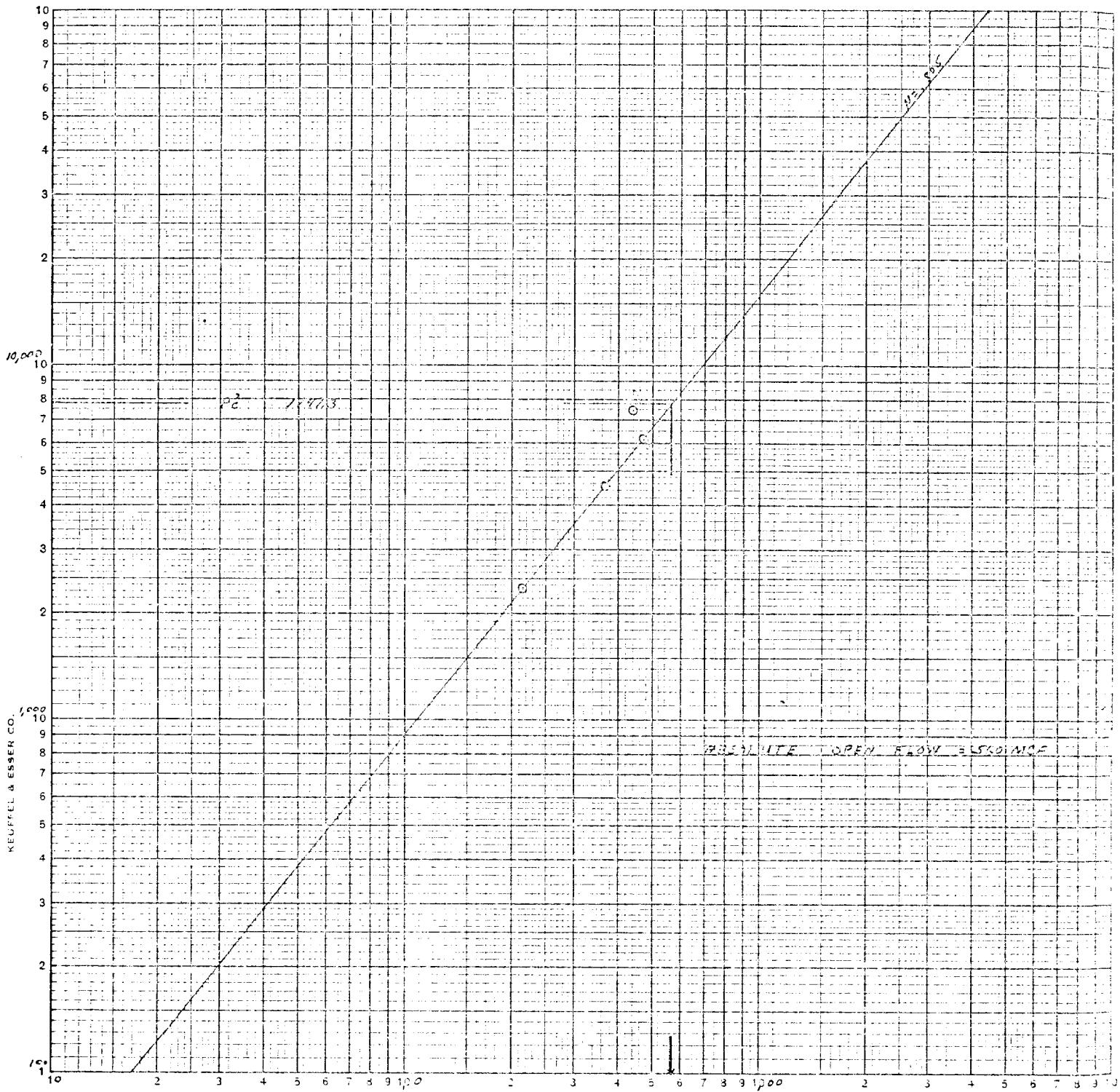
P, 20, 17-S, 31-E

Lea County, New Mexico

8-7-68

$P_c^2 - P_w^2$  THOUSANDS

LOCARINMIC 46 7403  
3 X 3 CYCLES  
KEUFFEL & ESSER CO.  
MADE IN U.S.A.



$Q = \text{MCFD}$