



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

F. F. Lovering, Manager
Southwestern Region

WJM:rd
Attachments

YJM
NS 1 424
issue 9-30-68

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

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

w/o attachments

WJM:rd

R-33-E

15400
Phillips

R-34-E

17360
Phillips

17360

Phillips

Marathon No. 1
"Bridges-St."
DOB
"Marathon-St."
4800'

24

19

20

15400

Phillips

Hood

4952'

6278

17360

Phillips

17360

Phillips

25

30

29

Vacuum

R-22
4891

"Leamex"

"Lea"

"Lea"

T
17
S15459
Phillips15459-2
Sinclair
"F"Kincaid-
Watson

17360-DR

17360

Cola-Dorden

Sinclair

Texaco
"D"

4900'

15459-2
R-1796
"F"27019
"E"R-1796
Sinclair
"State"

Hala

Sohio

"Lea-St."

Sohio

"B"

"State"

"State"

Sinclair
"State"

"State"

"State"

"Hala"

"Lea-St."

"Hala-St."

"State"

"State"

"State"

36
El Chorro

E.K. Field

McMahon

4092'

"Mobil-State"

4122'

R-1146

"Phillips-Lea St. B"

"State"

"State"

"State"

"State"

Pan Am
"CP"Cities
"B"17360
PhillipsMalco
4802'

LEA CO., N.MEX.

SCALE: 1" = 2000'

● Vacuum (Grayburg-San Andres)

● E-K (Yates, 7-Rivers, Queen)

● Morrow Gas

Livermore

1-A
3450'

Pan Am

4470

"Corpor-
Cochran-St"Pan Am
CL

Travis

Marlo

Wilson

"Mobil-St"

SEP 1 1967