

OIL CONSERVATION DIVISION  
**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762

4061 PINEBROOK

EXPLORATION AND PRODUCTION GROUP

Permian Basin Area

November 5, 1991

REVISED

Unorthodox Well-Location Request

Keely C Fed Well No. 62

Eddy County, New Mexico

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Attention: Michael Stogner  
Engineer

Gentlemen:

Phillips Petroleum Company respectfully requests administrative approval for an unorthodox location for the subject well. Rule 104 F(1) provides administrative approval for unorthodox locations when the necessity for such unorthodox location is to permit the completion of an efficient production and injection pattern within a secondary recovery or pressure maintenance project.

The Keely C Fed Well No. 62 is to be located 1210' FSL and 330' FEL of Section 24, T-17-South, R-29-East, Eddy County, New Mexico.

The development plan for the Burch Keely calls for infill drilling to place average well spacing on 26 acres, along with converting enough producing wells to water injection to create a staggered line drive injection pattern. The proposed unorthodox locations for the two subject wells were chosen as a means of accomplishing this development pattern as closely as possible. These proposed locations will optimize areal sweep efficiency of the two proposed wells, together with the surrounding production wells.

This project was approved under Order No. R-7900.

Phillips Petroleum Company is the offset operator of all proration units surrounding the proposed unorthodox locations.

Unorthodox Well Location Request  
Keely C Fed Well No. 62  
November 5, 1991  
Page 2

Attached is Form C-102 for this well and a plat of the Burch Keely Waterflood area. If there are any questions or if additional information is needed, please contact me at the letterhead address or telephone (915) 368-1488.

Sincerely,

A handwritten signature in cursive script, appearing to read "L. M. Sanders".

L. M. Sanders, Supervisor  
Regulation and Proration

LMS:sdb  
regpro/l sand/unorth

Attachments

cc: Oil Conservation Division  
Artesia, New Mexico

Bureau of Land Management  
Carlsbad, New Mexico

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

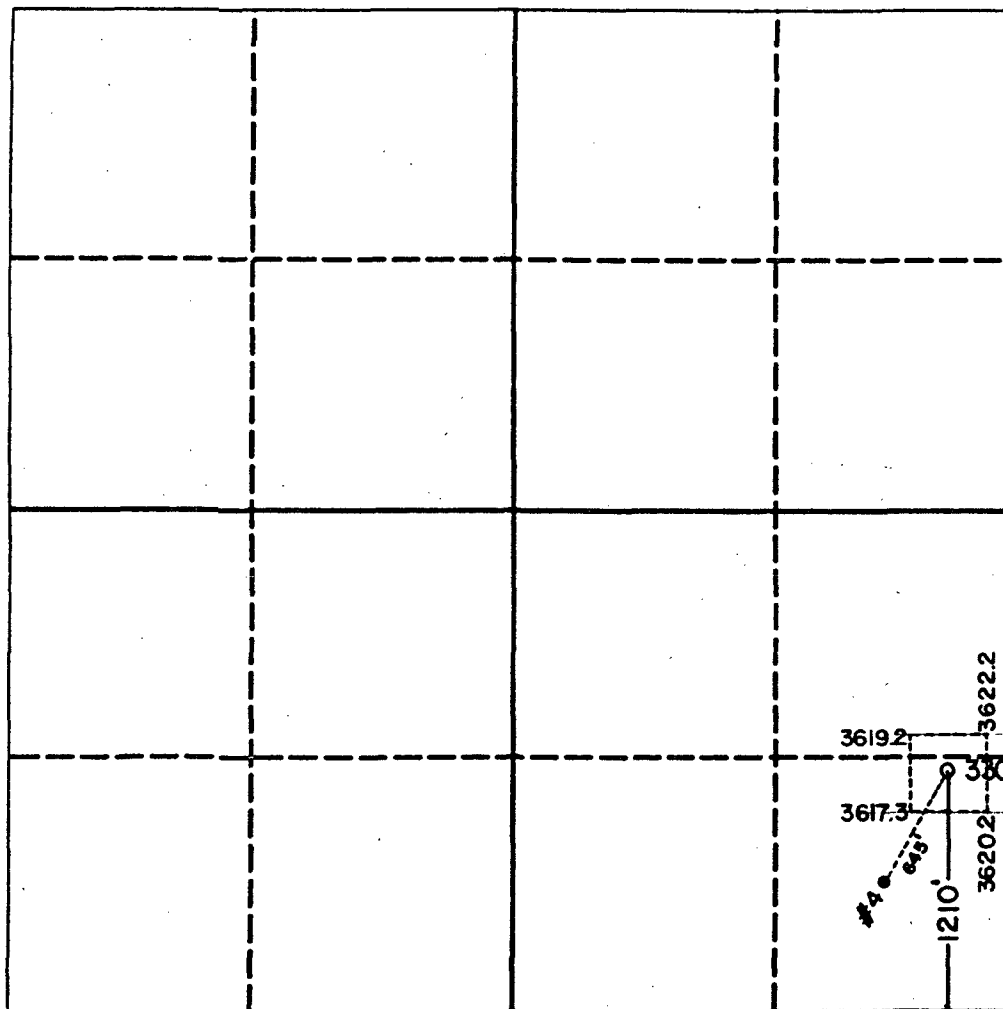
All Distances must be from the outer boundaries of the section

Operator Phillips Petroleum Company			Lease Keely "C" Federal		Well No. 62
Unit Letter P	Section 24	Township 17 South	Range 29 East	County Eddy	
Actual Footage Location of Well: 1210 feet from the South line and 330 feet from the East line					
Ground level Elev. 3620.5	Producing Formation Grayburg-Jackson-7R-Q-GB-SA		Pool Grayburg-Jackson-7R-Q-GB-SA	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



### OPERATOR CERTIFICATION

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

Signature

*L.M. Sanders*

Printed Name

L.M. Sanders

Position

Supervisor Reg/Proration

Company

Phillips Petroleum Company

Date

11-06-99

### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

October 3 & 7, 1991

Signature & Seal of Professional Surveyor

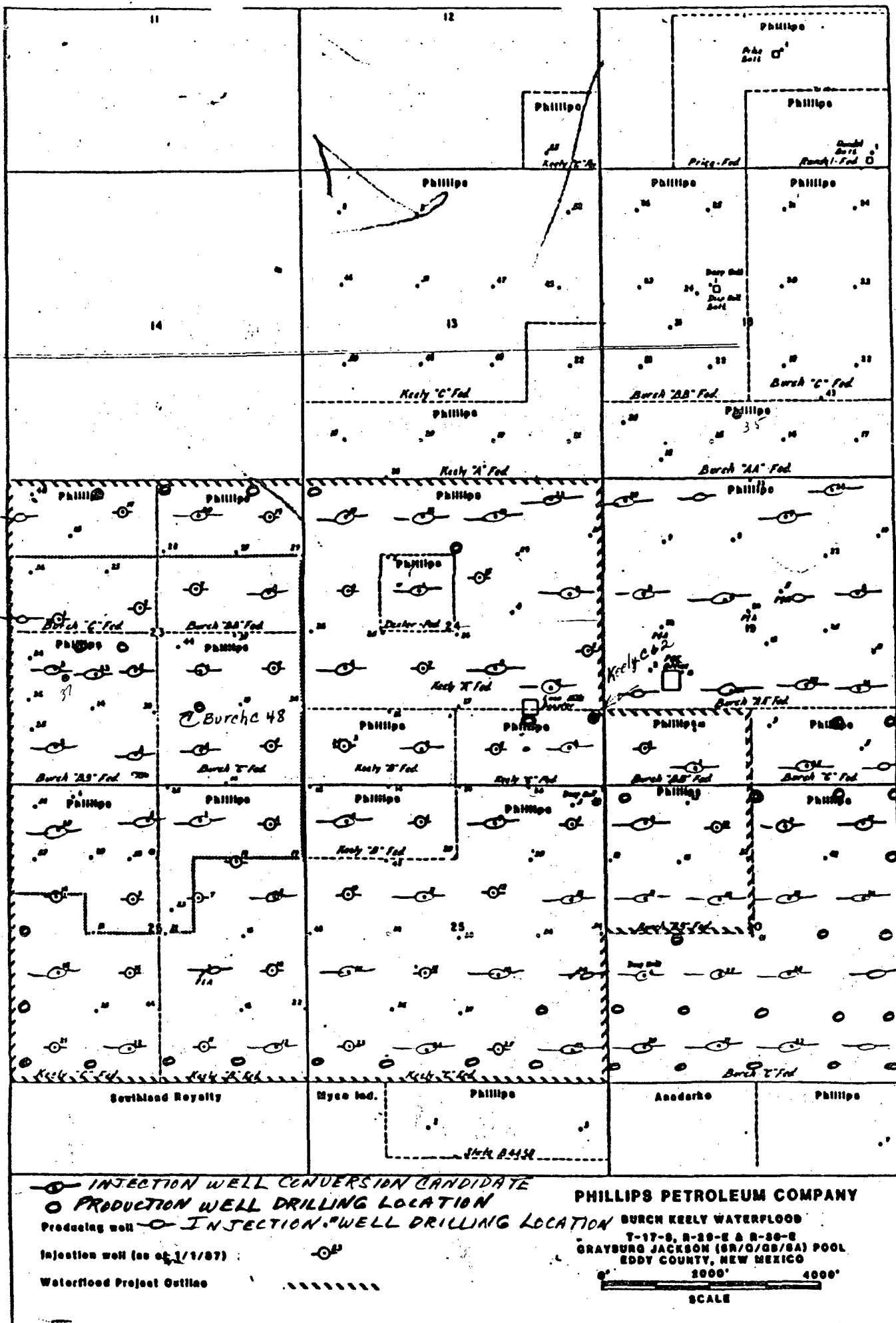
Certificate No.

JOHN W. WEST,

676

RONALD J. EIDSON,

3239



OIL CONSERVATION DIVISION  
RECEIVED



PHILLIPS PETROLEUM COMPANY

'91 NOV 12

OPRESS TEXAS 179762  
EOL HENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Area

November 6, 1991

REVISED

Unorthodox Well Location Request

Burch C Fed Well No. 48

Eddy County, New Mexico

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Attention: Michael Stogner  
Engineer

Gentlemen:

Phillips Petroleum Company respectfully requests administrative approval for an unorthodox location for the subject well. Rule 104 F(1) provides administrative approval for unorthodox locations when the necessity for such unorthodox location is to permit the completion of an efficient production and injection pattern within a secondary recovery or pressure maintenance project.

The Burch C Fed Well No. 48 is to be located 1210' FSL and 2070' FEL of Section 23, T-17-South, R-29-East, Eddy County, New Mexico.

The location change was requested by the Bureau of Land Management.

The development plan for the Burch Keely calls for infill drilling to place average well spacing on 26 acres, along with converting enough producing wells to water injection to create a staggered line drive injection pattern. The proposed unorthodox locations for the two subject wells were chosen as a means of accomplishing this development pattern as closely as possible. These proposed locations will optimize areal sweep efficiency of the two proposed wells, together with the surrounding production wells.

This project was approved under Order No. R-7900.

Unorthodox Well Location Request  
Burch C Fed Well No. 48  
November 6, 1991  
Page 2

Phillips Petroleum Company is the offset operator of all proration units surrounding the proposed unorthodox locations.

Attached is Form C-102 for this well and a plat of the Burch Keely Waterflood area. If there are any questions or if additional information is needed, please contact me at the letterhead address or telephone (915) 368-1488.

Sincerely,



L. M. Sanders, Supervisor  
Regulation and Proration

LMS:sdb  
regpro/l sand/unorth

Attachments

cc: Oil Conservation Division  
Artesia, New Mexico

Bureau of Land Management  
Carlsbad, New Mexico

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

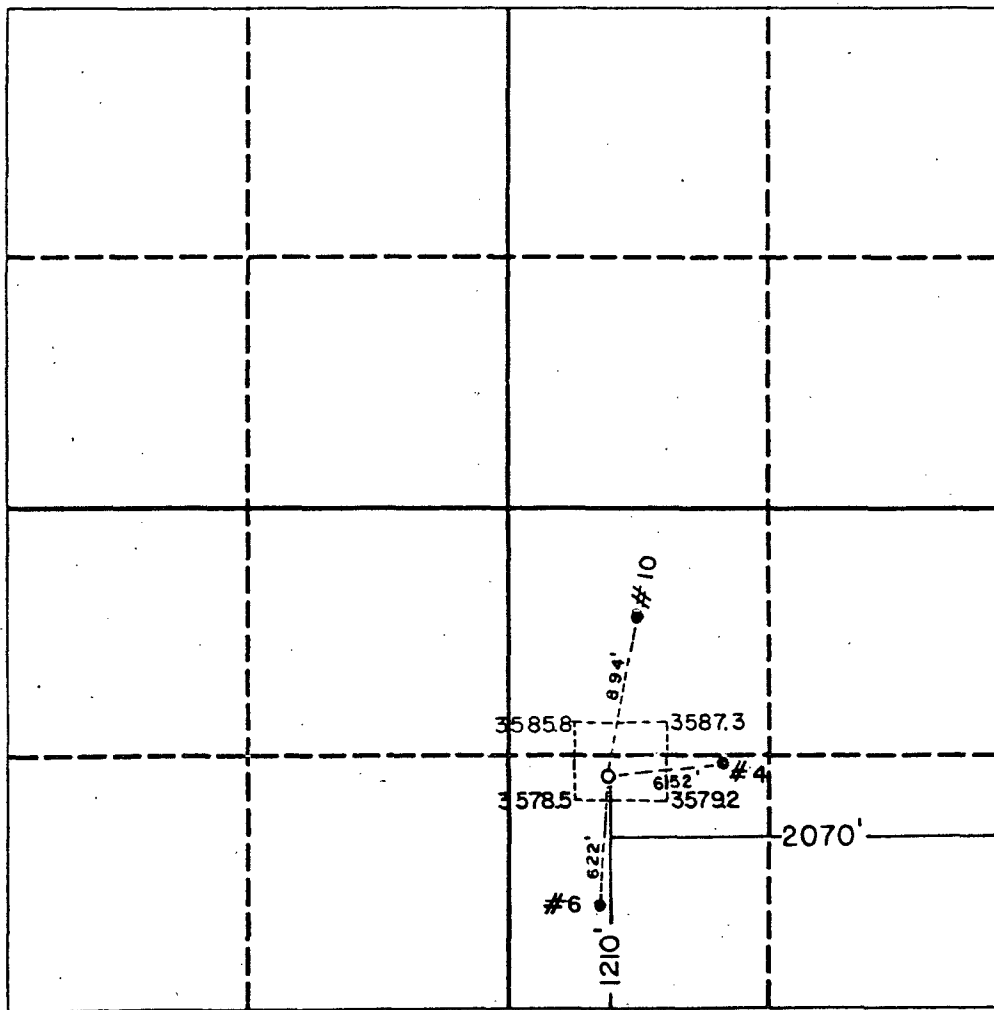
Operator Phillips Petroleum Company			Lease Burch C Federal		Well No. 48
Unit Letter 0	Section 23	Township 17 South	Range 29 East	County NMPM Eddy	

Actual Footage Location of Well:

2070 feet from the East line and 1250 1/2 feet from the South line

Ground level Elev. 3583.5	Producing Formation Grayburg/Jackson/7R/O/GB/SA	Pool Grayburg/Jackson/7R/O/GB/SA	Dedicated Acreage: 40 Acres
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- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

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

Signature  
*L. M. Sanders*  
Printed Name  
L. M. Sanders  
Position  
Supervisor  
Regulation & Proration  
Company  
Phillips Petroleum Co.  
Date  
11/7/91

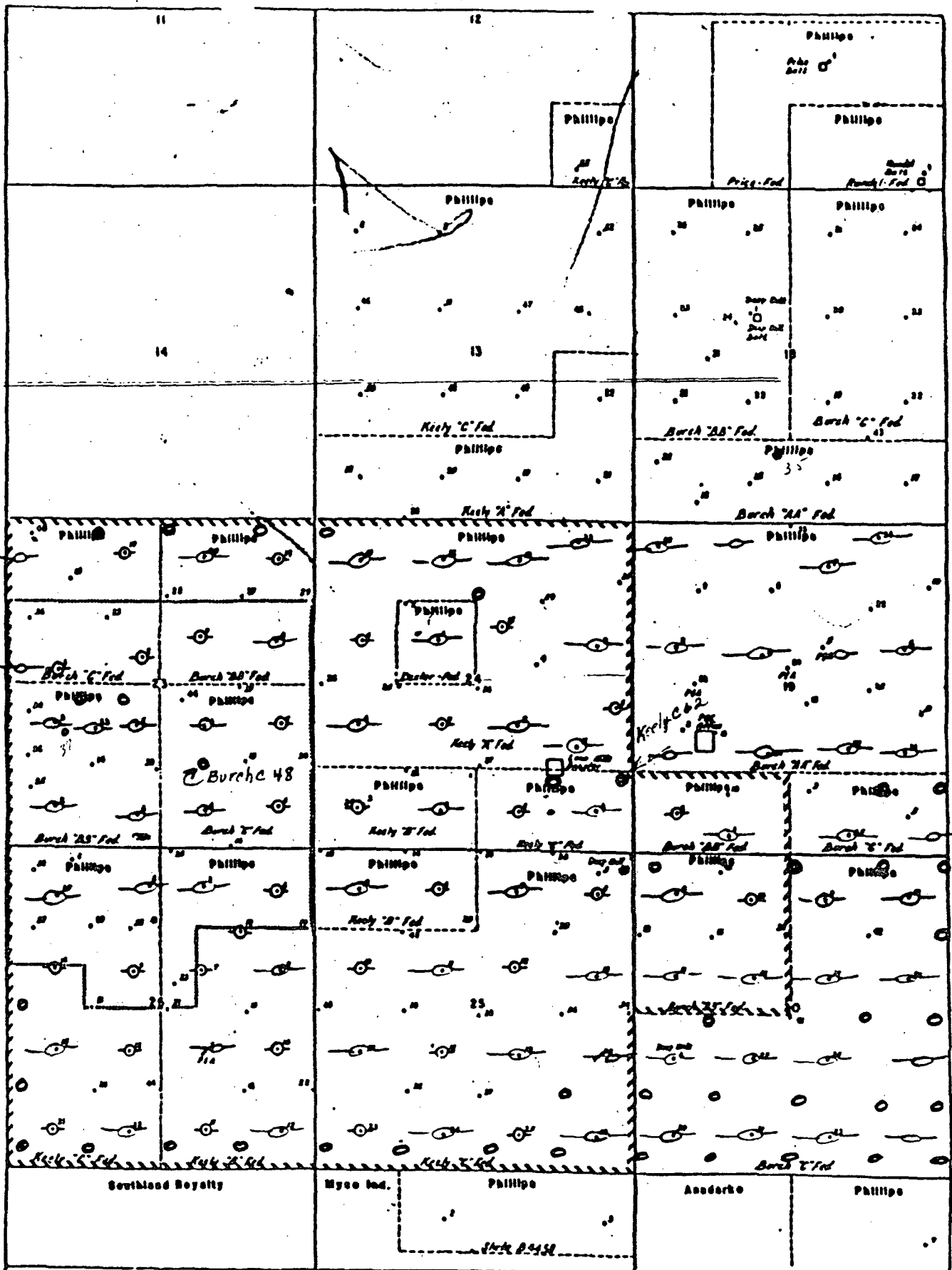
**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
10-25-91

Signature & Seal of  
Professional Surveyor

Certificate No. JOHN W. WEST 676  
RONALD D. EIDSON 3239  
NOV 9 1991



○ INJECTION WELL CONVERSION CANDIDATE  
 ○ PRODUCTION WELL DRILLING LOCATION  
 Producing well ○ INJECTION WELL DRILLING LOCATION  
 Injection well (as of 1/1/57)  
 Waterflood Project Outline

**PHILLIPS PETROLEUM COMPANY**  
 BURCH KEELY WATERFLOOD  
 T-17-S, R-20-E & R-20-W  
 GRAYBURG JACKSON (8R/Q/QB/QA) POOL  
 EDDY COUNTY, NEW MEXICO  
 0 1000' 2000' 3000' 4000'  
 SCALE