

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

| | |
|------------------------|--|
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| LAND OFFICE | |
| OPERATOR | |

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|------------------------------|---|
| 1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 7. Unit Agreement Name |
| 2. Name of Operator ARCO Oil and Gas Company | | 8. Farm or Lease Name Seven Rivers Queen Un |
| 3. Address of Operator P.O. Box 1610, Midland, Texas 79702 | | 9. Well No. 72 |
| 4. Location of Well UNIT LETTER <u>C</u> LOCATED <u>1160</u> FEET FROM THE <u>North</u> LINE AND <u>2630</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>34</u> TWP. <u>22S</u> RGE. <u>36E</u> NMPM | | 10. Field and Pool, or Wildcat <u>Langlie - Mattix</u> |
| 11. Elevations (show whether DF, RT, etc.) 3494.6 GR | | 12. County Lea |
| 21A. Kind & Status Plug. Bond GCA #8 | 19. Proposed Depth 4000 | 19A. Formation Seven Rivers Queen |
| 21B. Drilling Contractor Not selected | 20. Rotary or C.T. Rotary | |
| 22. Approx. Date Work will start 2-15-86 | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12-1/4 | 8-5/8 | 24 | 300 | 185 | Surface |
| 7-7/8 | 5-1/2 | 15.5 | 4000 | 1030 | Surface |

Propose to drill a development well and test producing capabilities of the Seven Rivers Queen zone.

Blow Out Preventer program attached.
Administrative order NSL - 2202

for unorthodox location attached.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Ken W. Gosnell Title Engr. Tech. Spec. Date 1-21-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE FEB 14 1986

CONDITIONS OF APPROVAL, IF ANY:

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JAN 22 1986
O.C.D.
HOBBS OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

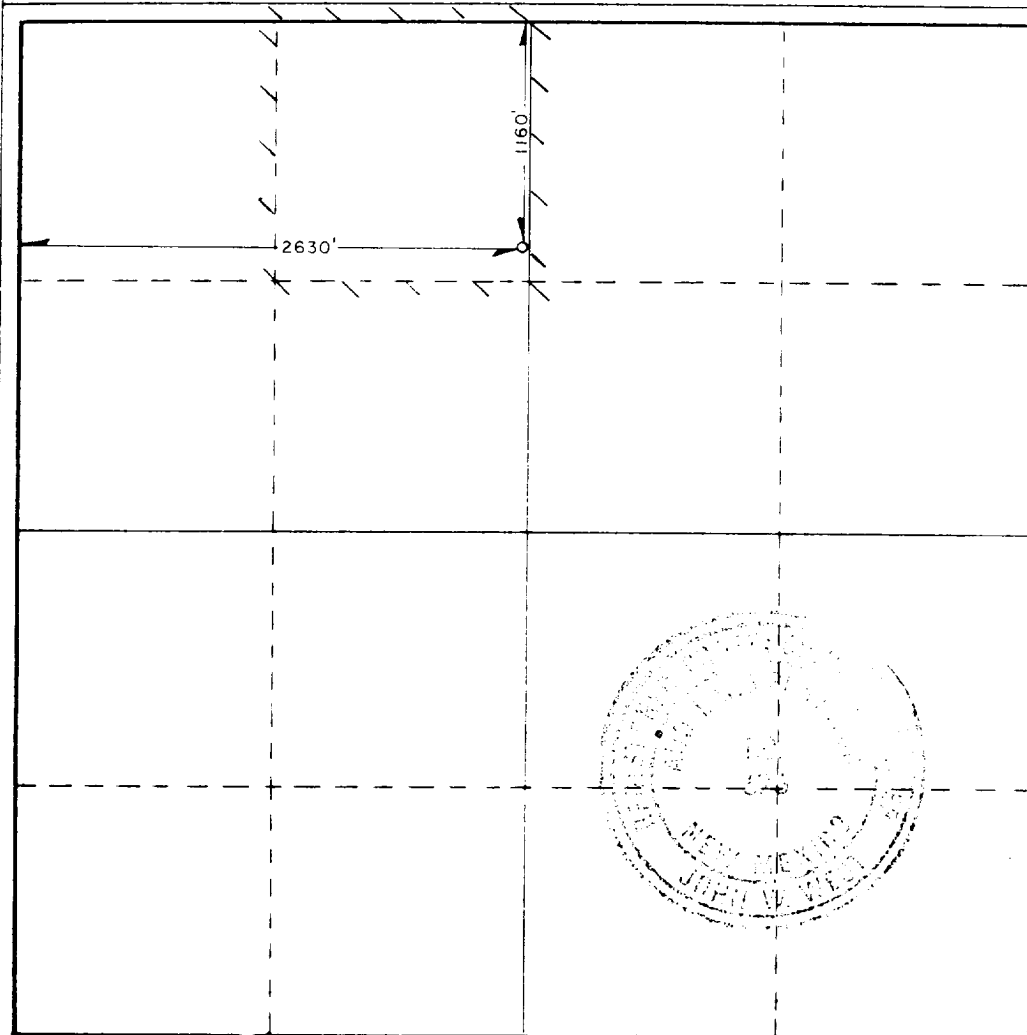
| | | | | | |
|--|--|---|---|---------------------------------------|-----------------------|
| Operator ARCO OIL & GAS COMPANY | | | Lease SEVEN RIVERS QUEEN UNIT | | Well No. 72 |
| Tract Letter C | Section 34 | Township 22 SOUTH | Range 36 EAST | County LEA | |
| Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1160 feet from the NORTH line and 2630 feet from the WEST line </div> | | | | | |
| Ground Level Elev. 3494.6' | Producing Formation Seven Rivers Queen | Pool <i>South Sunrise</i> Langlie - Mattix | | Dedicated Acreage: 40 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

Ken W. Gosnell

Name

Ken W. Gosnell

Position

Engr. Tech. Spec.

Company

ARCO Oil & Gas Co.

Date

1-20-86

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

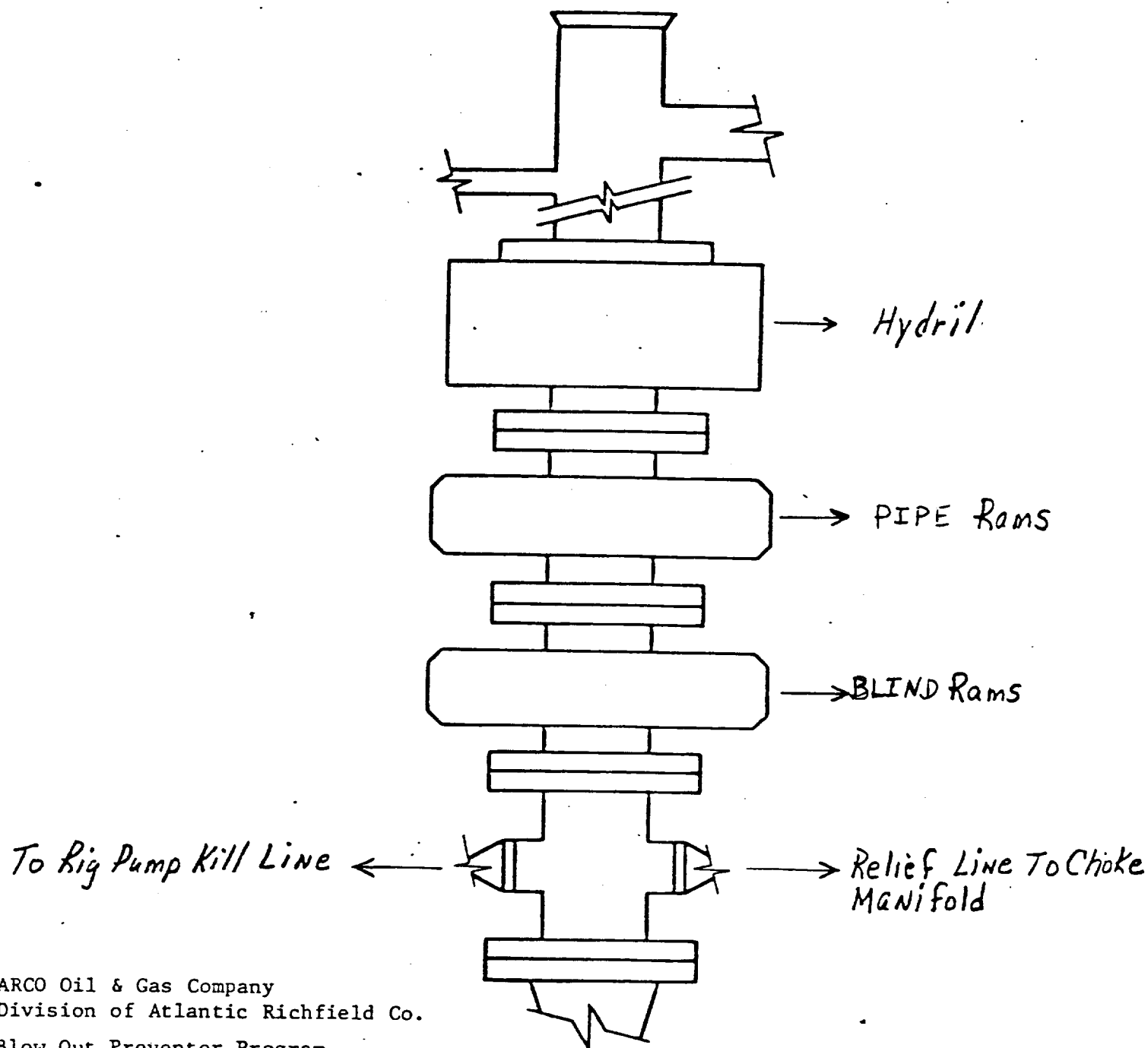
DECEMBER 2, 1985

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

RECEIVED
JAN 22 1986
C.C.P.
HOBBS OFFICE



ARCO Oil & Gas Company
 Division of Atlantic Richfield Co.
 Blow Out Preventer Program

Lease Name: Seven Rivers Queen Unit

Well No: 72

Location: 1160 FNL & 2630 West (Unit C)

34-22S-36E Lea Co. NM

BOP to be tested when installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

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JAN 22 1986
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TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

December 16, 1985

50 YEARS



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

Attention: S. G. Suellentrop

Administrative Order NSL-2202

Gentlemen:

Reference is made to your application for a non-standard location for your Seven Rivers Queen Unit No. 72 well to be located 1160 feet from the North line and 2630 feet from the West line of Section 34, Township 22 South, Range 36 East, NMPM, Langlie-Mattix Pool, Lea County, New Mexico. The NE/4 NW/4 of said Section 34 shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

R. L. STAMETS, DIRECTOR

RLS/DC/dr

cc: Oil Conservation Division - Hobbs

RECEIVED
JAN 22 1986
O.C.D.
HOBBS OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

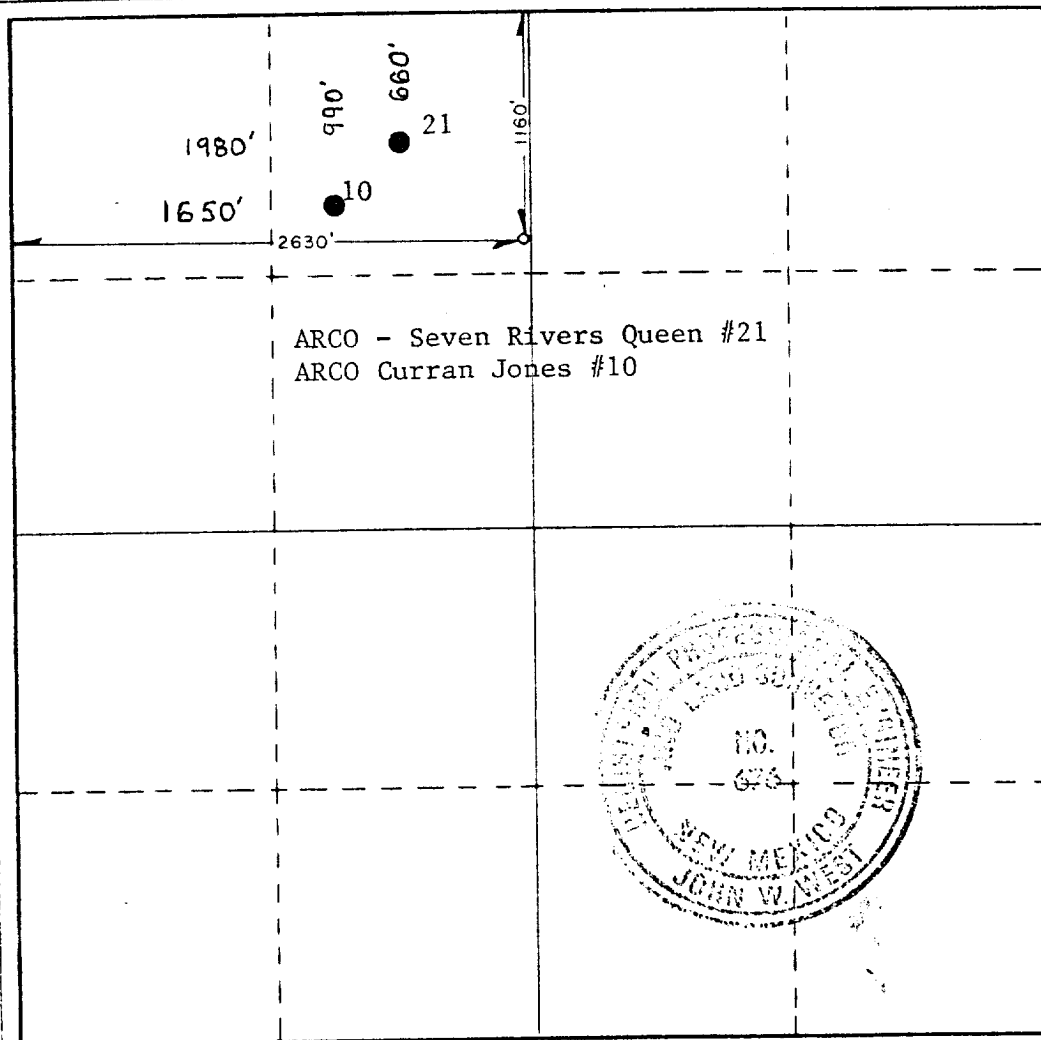
| | | | | | |
|---|--|-----------------------------|---|----------------------|---------------------------------------|
| Operator ARCO OIL & GAS COMPANY | | | Lease SEVEN RIVERS QUEEN UNIT | | Well No. 72 |
| Tract Letter C | Section 34 | Township 22 SOUTH | Range 36 EAST | County LEA | |
| Actual Encroachment Location of Well: 1160 feet from the NORTH line and 2630 feet from the WEST line | | | | | |
| Ground Level Elev. 3134.0' | Producing Formation Seven Rivers Queen | | For So. Eunice Langlie-Mattix | | Dedicated Acreage: 40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

Name
Ken W. Gosnell

Position
Engr. Tech. Spec.

Company
ARCO Oil & Gas Co.

Date
2-11-86

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
DECEMBER 2, 1985

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239