

30-025-28494

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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

|                                |   |
|--------------------------------|---|
| 5A. Indicate Type of Lease     |   |
| STATE <input type="checkbox"/> | FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |   |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                  |  |  |  |  |  |                                    |  |
|----------------------------------|--|--|--|--|--|------------------------------------|--|
| a. Type of Work                  |  | DRILL <input checked="" type="checkbox"/>                          |  | DEEPEN <input type="checkbox"/>            |  | PLUG BACK <input type="checkbox"/> |  |
| b. Type of Well                  |  | OIL WELL <input checked="" type="checkbox"/>                       |  | GAS WELL <input type="checkbox"/>          |  | OTHER <input type="checkbox"/>     |  |
| 2. Name of Operator              |  | ARCO Oil and Gas Company<br>Division of Atlantic Richfield Company |  |  |  |                                    |  |
| 3. Address of Operator           |  | P. O. Box 1710, Hobbs, New Mexico 88240                            |  |  |  |                                    |  |
| 4. Location of Well              |  | UNIT LETTER L  |  | LOCATED 1830                               |  | FEET FROM THE South LINE           |  |
| AND 460                          |  | FEET FROM THE West   |  | LINE OF SEC. 25                            |  | TWP. 21S RGE. 37E NMPM             |  |
| 12. County                       |  | Lea  |  |  |  |                                    |  |
| 7. Unit Agreement Name           |  |  |  |  |  |                                    |  |
| 8. Farm or Lease Name            |  | Eva Owens  |  |  |  |                                    |  |
| 9. Well No.                      |  | 1  |  |  |  |                                    |  |
| 10. Field and Pool, or Wildcat   |  | Wantz Granite Wash   |  |  |  |                                    |  |
| 19. Proposed Depth               |  | 7700'  |  | 19A. Formation                             |  | Granite Wash                       |  |
| 20. Rotary or C.T.               |  | Rotary   |  | 21. Elevations (Show whether DF, RT, etc.) |  | 3365.7' GR                         |  |
| 21A. Kind & Status Plug. Bond    |  | GCA #8   |  | 21B. Drilling Contractor                   |  | not selected                       |  |
| 22. Approx. Date Work will start |  | 12/1/83  |  |  |  |                                    |  |

23.

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP     |
|--------------|----------------|-----------------|---------------|-----------------|--------------|
| 17½"         | 13-3/8" OD     | cond pipe       | 30'           | 2 yds R-M cmt   | Surf         |
| 11"          | 8-5/8" OD      | 24# K-55        | 1280'         | 375 sx          | Circ to surf |
| 7-7/8"       | 5½"            | 15.5# K-55      | 6200'         | 1200 sx         | Circ to surf |
|              |                | 17# K-55        | 7700' TD      |                 |              |

Propose to drill a development well to the Granite Wash and attempt to complete as a Granite Wash Oil well.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5-23-84  
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 Robert P. Lawrence Title Drlg. Engr. Date 11/22/83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

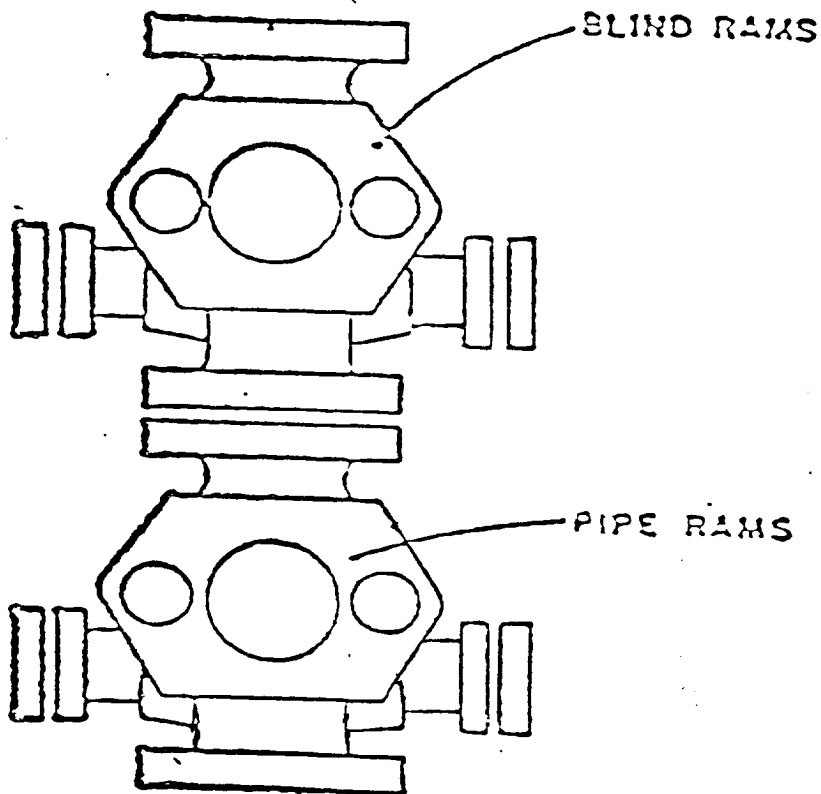
APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 23 1983



ARCO Oil & Gas Company

Division of Atlantic Richfield Company

**Blow Out Preventer Program**

**Lease Name** Eva Owens

**Well No.** 1

**Location** 1830' FSL & 460' FWL  
Sec 25-21S-37E, Lea County

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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NEW MEXICO OIL CONSERVATION COM. SR  
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

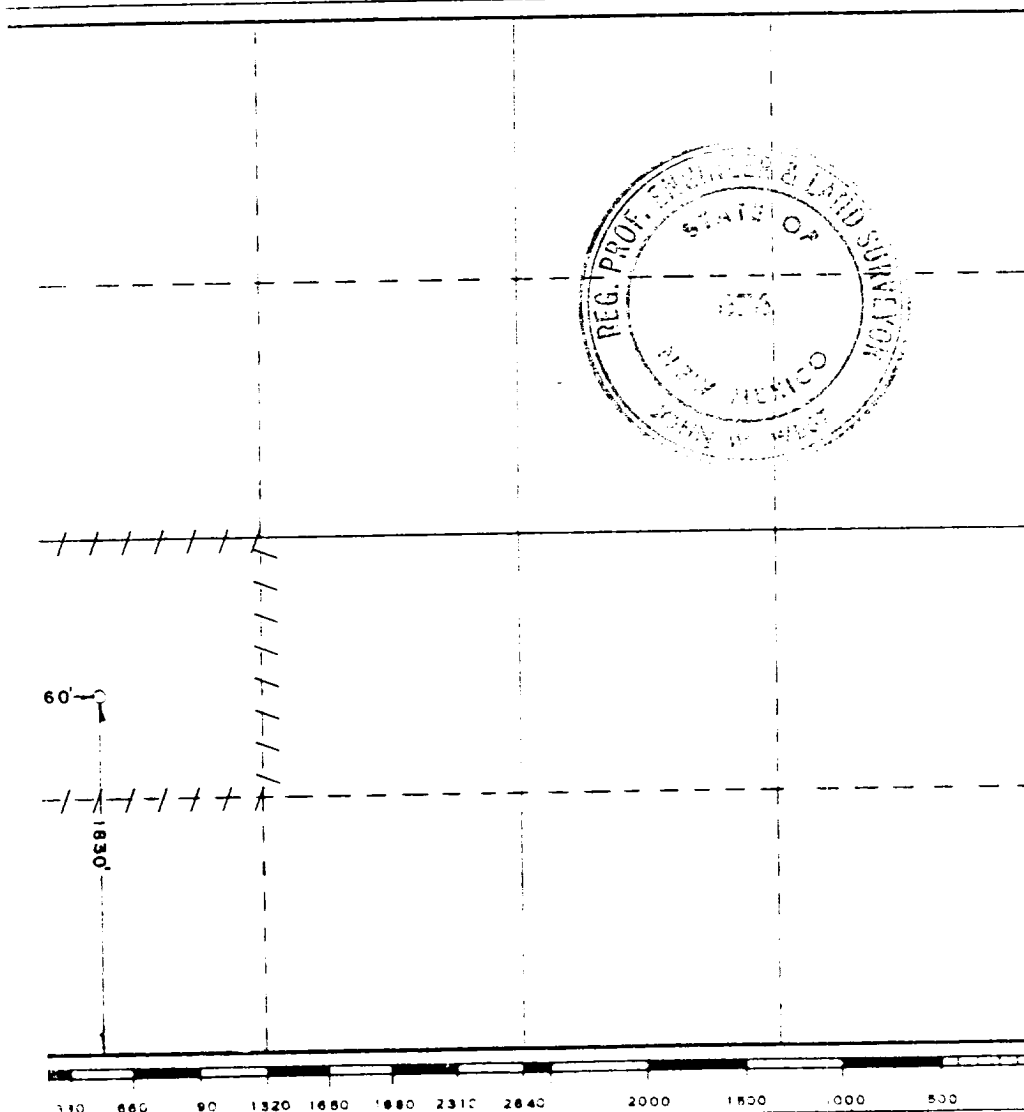
|  |                                     |                 |                            |               |                               |
|--|-------------------------------------|-----------------|----------------------------|---------------|-------------------------------|
| Division of Atlantic Richfield Co.<br>ARCO OIL & GAS CORP.                                 |                                     |                 | Lease<br>EVA OWEN          |               | Well No.<br>1                 |
| Section<br>L   | Section<br>25                       | Township<br>21S | Range<br>37E               | County<br>LEA |                               |
| Section Location of Well:<br>1830 feet from the SOUTH line and 460 feet from the WEST line |                                     |                 |                            |               |                               |
| Surface Elev.<br>3365.7  | Producing Formation<br>Granite Wash |                 | Pool<br>Wantz Granite Wash |               | Estimated Acreage<br>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 \_\_\_\_\_

Position \_\_\_\_\_

Drig. Engr.

Company ARCO Oil and Gas Co.  
Div of Atlantic Richfield Co.

Date \_\_\_\_\_

11/22/83

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 \_\_\_\_\_

11/19/83

Registered Professional Engineer and Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 675  
RONALD J. EIDSON, 3239

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C.C.D.  
HOBBS OFFICE