

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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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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company | | 3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 | | 7. Unit Agreement Name | |
| 4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>1650</u> FEET FROM THE <u>West</u> LINE AND <u>330</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>25</u> TWP. <u>21S</u> RGE. <u>37E</u> NMDM | | 8. Farm or Lease Name Eva Owens | | 9. Well No. 4 | | 10. Field and Pool, or Wildcat Wantz Abo | |
| 11. Proposed Depth 7450' | | 12. Method Abo | | 13. Rotary or C.T. Rotary | | 17. County Lea | |
| 14. Deviation (Indicate whether D, H, etc.) 3371.4' CR | | 15A. Hole & Status Prev. Hole GCL 48 | | 21B. Drilling Contractor Not selected | | 22. Approx. Date Work will start 9/15/84 | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17 1/2" | 13-3/8" OD | 54.50# | 30' | 3 yds Redi-mix | Surf |
| 11" | 8-5/8" OD | 24# | 1280' | 450 | Surf |
| 7-7/8" | 5 1/2" OD | 15.5 & 17# | 7450' | 2300 | Surf |

Propose to drill a development well to the Granite Wash and test the producing capabilities of the Wantz Abo zone.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/21/85
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 Eddie W. Seay Title Drlg. Engr. Date 8/16/84

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector
CONDITIONS OF APPROVAL, IF ANY

TITLE

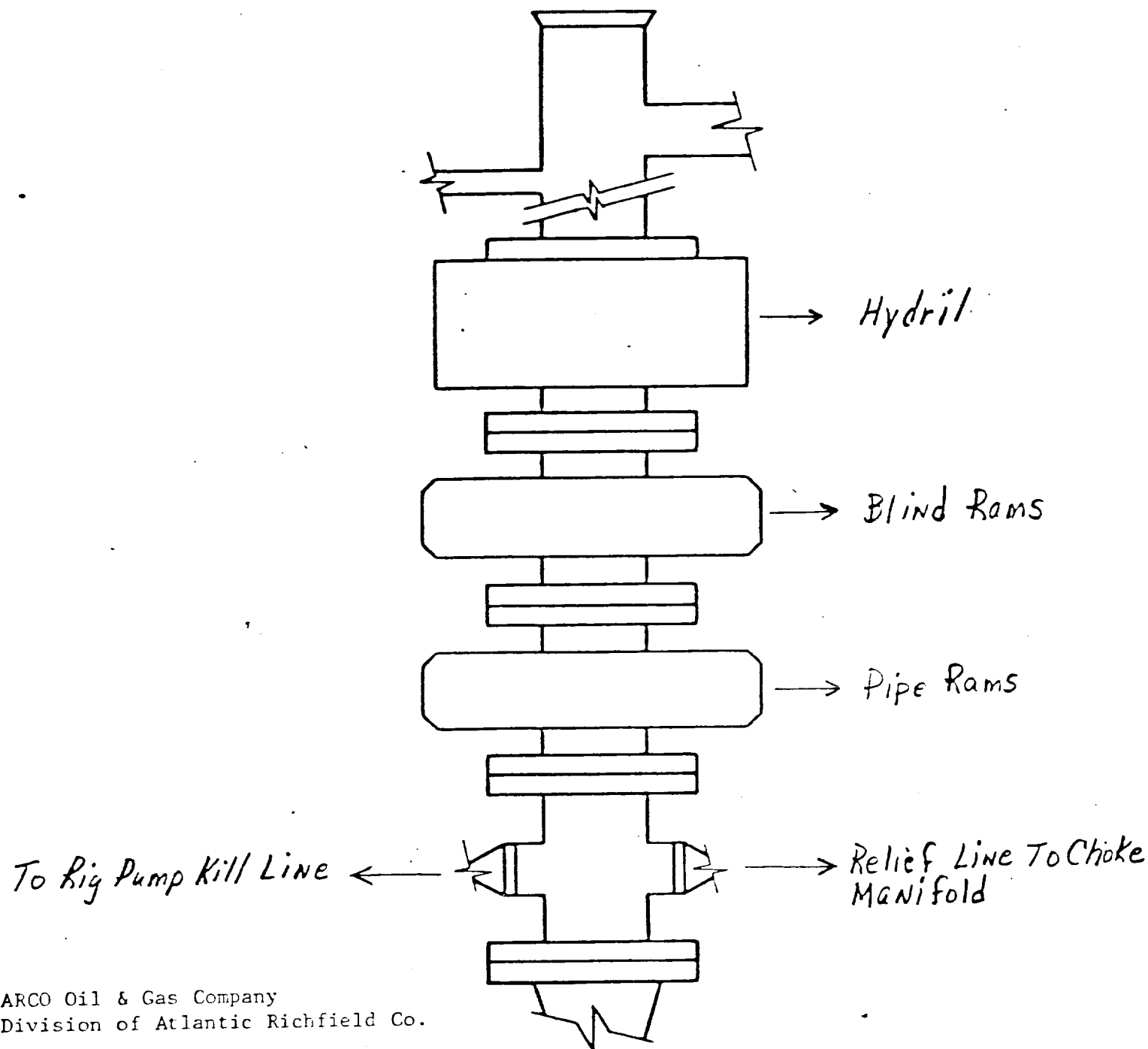
DATE

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

Lease Name: Eva Owens

Well No: 4

Location: 1650' FWL & 330' FSL

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.

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.

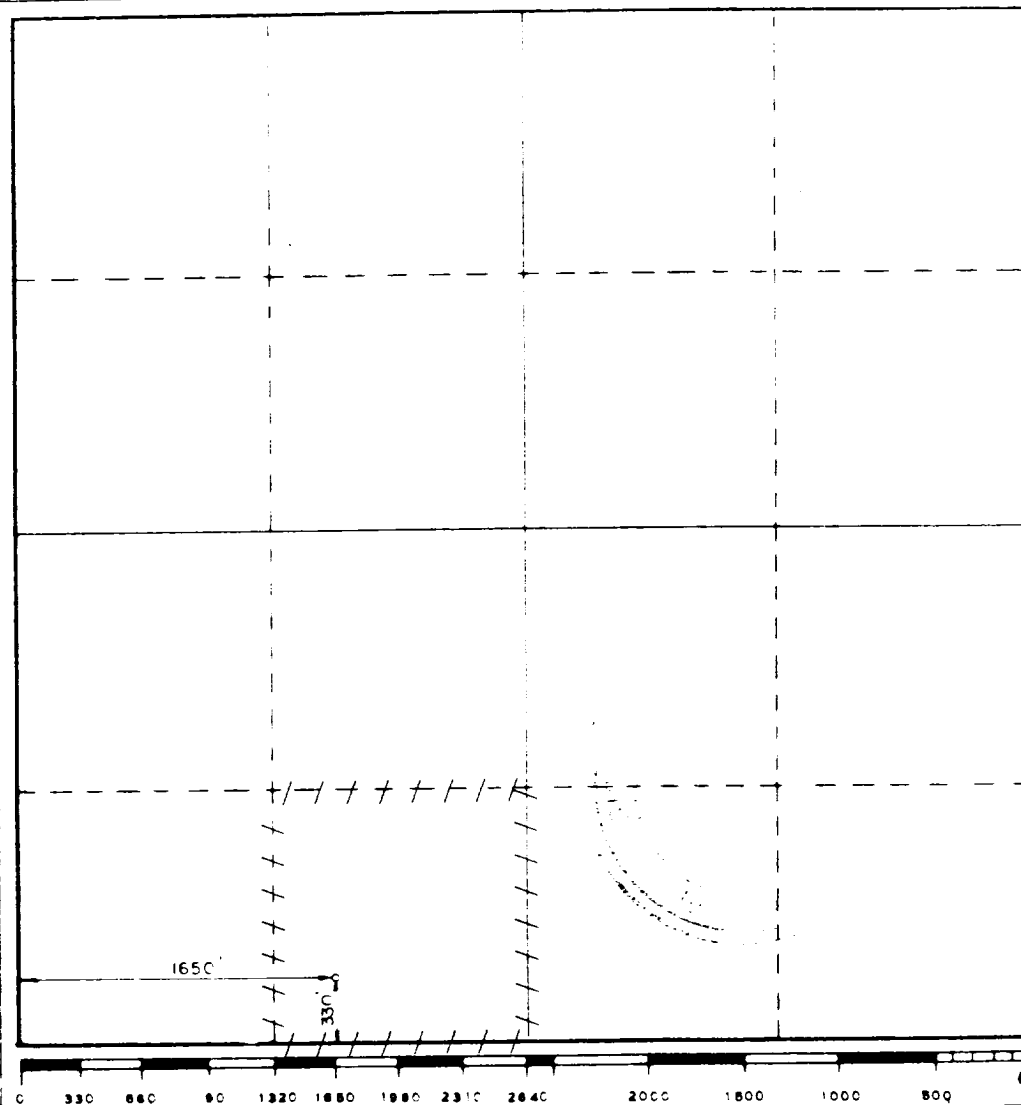
| | | | | |
|--|-----------------------------------|--------------------------|---------------------------------------|----------------------|
| Operator ARCO OIL & GAS CO. | | Lease EVA OLIN | | Well No. 4 |
| Oil Letter 2 | Section 25 | Township 23S | Range 37E | County 13A |
| Approximate Location of Well: 340 feet from the Section line and 1050 feet from the Range line. | | | | |
| Ground Level Elev. 5371.4 | Producing Formation Abo | Pool Wantz Abo | 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.

Name
Philip S. Bush
 Position
 Drig. Engr.,
 Company
 ARCO Oil and Gas Co.,
 Div of Atlantic Richfield Co.,
 Date
 8/16/84

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
 Registered Professional Engineer and Land Surveyor
John W. West
 Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

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AUG 20 1984

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