

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 | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 8. Farm or Lease Name A. M. York | |
| 2. Name of Operator ARCO Oil & Gas Company | | 9. Well No. 2 | |
| 3. Address of Operator Box 1610, Midland, TX 79702 | | 10. Field and Pool, or Wildcat Blinebry Oil & Gas | |
| 4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>20</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPM | | 12. County Lea | |
| 19. Proposed Depth 6644 | | 19A. Formation Blinebry | |
| 20. Rotary or C.T. | | 21. Elevations (Show whether DF, RT, etc.) 3476 | |
| 21A. Kind & Status Plug. Bond Statewide Blanket | | 22. Approx. Date Work will start 12-14-87 | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| | 13-3/8 | 48 | 306 | 300 | Circ |
| | 9-5/8 | 40 | 2795 | 1000 | 592-TS |
| | 7 | 23 & 26 | 6636 | 500 | 3172-TS |

This well is currently on the schedule as a single Penrose Skelly Grbg. Propose to downhole commingle the Blinebry Oil & Gas and Drinkard as follows:

1. Sqz Grayburg perms 3726'-3776.
2. Drill out and press test.
3. Retrieve "DR" plug at 6400'. Drill out and push Model "D" pkr to PBD 6622'.
4. Acidize Drinkard perms 6569'-6608' w/5000 gals.
5. Swab test and evaluate.
6. Set RBP at 6000.
7. Perf Blinebry 5629'-5905.
8. Acidize w/10,000 gals.
9. Swab test and evaluate.
10. Retrieve RBP at 6000.
11. Equip with production equipment.

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 A. Somers Title Engr. Tech. 915/688-5672 Date 11-30-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

DEC 3 1987

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

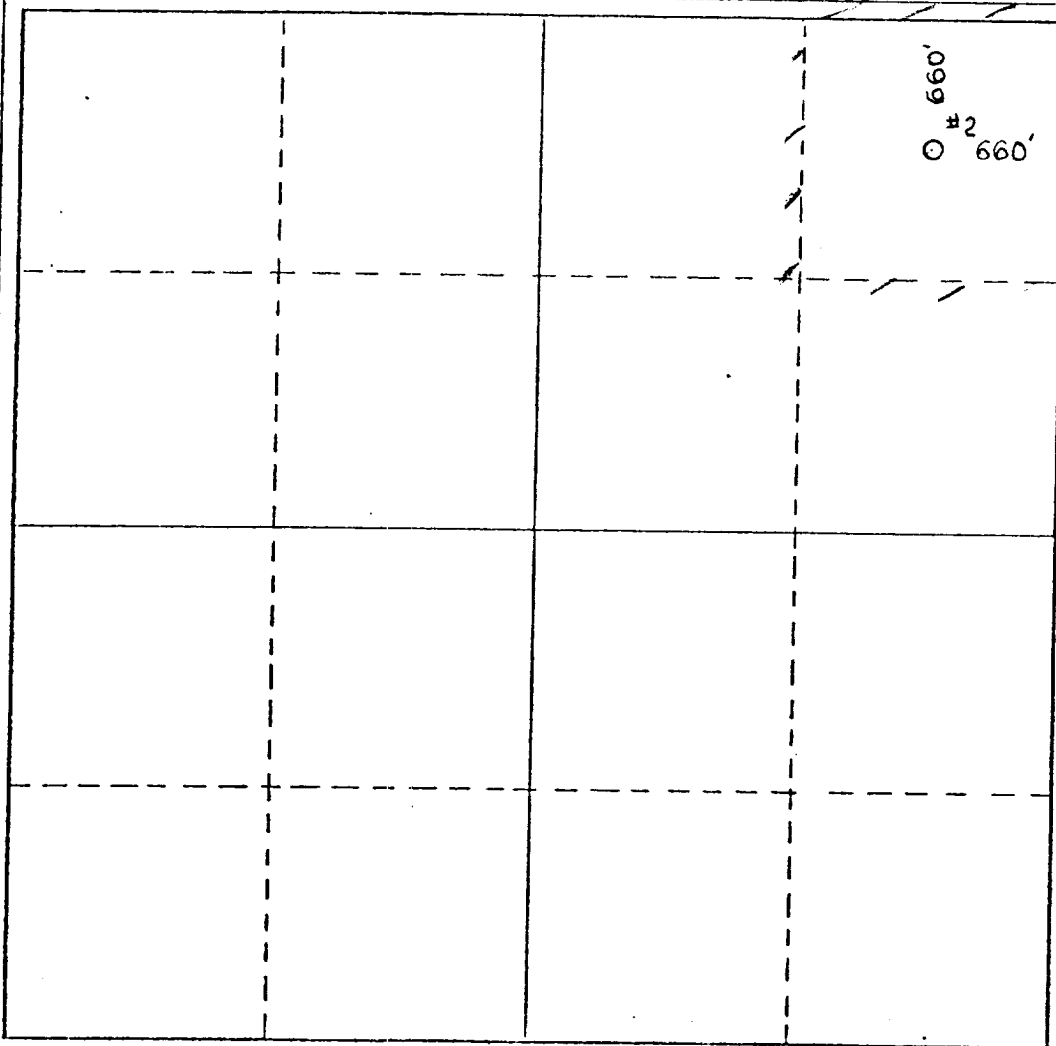
| | | | | | |
|------------------------------------|---------------------------------|-----------------------------|-------------------------------|--------------------------------|---------------|
| Operator ARCO Oil & Gas Company | | | Lease A. M. York <u>UP</u> | | Well No. 2 |
| Unit Letter A | Section 20 | Township 21S | Range 37E | County Lea | |
| Actual Footage Location of Well: | | | | | |
| 660 feet from the North line and | | 660 feet from the East line | | | |
| Ground Level Elev. 3476 | Producing Formation Blinebry | Pool Blinebry Oil & Gas | | 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 Division



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.

Company

ARCO Oil & Gas Co.

Date

11-30-87

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/or Land Surveyor

Certificate No.

