

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|--|---|-----------------------------------|
| Operator Name and Address. ARCH PETROLEUM, INC. 10 Desta Drive, Suite 420E Midland, TX 79705 | | OGRID Number 000962 |
| | | API Number 30-025-11570 |
| Property Code 14912 | Property Name LEARCY MCBUFFINGTON | Well No. 9 |

7 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North / South line | Feet from the | East / West line | County |
|---------------|-----------|------------|------------|---------|---------------|--------------------|---------------|------------------|------------|
| K | 13 | 25S | 37E | | 1650 | SOUTH | 1980 | WEST | LEA |

8 Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North / South line | Feet from the | East / West line | County |
|--|---------|----------|-------|---------|-----------------|--------------------|---------------|------------------|--------|
| Proposed Pool 1 Wildcat JUSTIS ABO | | | | | Proposed Pool 2 | | | | |

| | | | | |
|----------------------------|-------------------------------------|--------------------------|-----------------------------|---|
| Work Type Code P | Well Type Code O | Cable / Rotary | Lease Type Code P | Ground Level Elevation 3078' GR |
| Multiple NO | Proposed Depth 6400' PBTD | Formations ABO | Contractor | Spud Date ASAP |

Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight / foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|----------------------|---------------|-----------------|---------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

It is proposed to: POH with producing equipment, set CIBP at 6400'+, cap with 2 sx cement and P&A the Fusselman.
Perf the Abo formation at 6231' to 6296', acidize, and return to production.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

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

Signature: *Bobbie Brooks*
Print name: **BOBBIE BROOKS**

Title: **PRODUCTION ANALYST**

Date: **4/19/96** Phone: **(915) 685-1961**

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY JERRY SEXTON**
Title: **DISTRICT I SUPERVISOR**

Approval Date: **APR 23 1996** Expiration Date:

Conditions of Approval:
Attached ☐

C-101 Instructions

Measurements and dimensions are to be in feet / inches. Well locations will refer to the New Mexico Principal Meridian.

If THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

1. Operator OGRID number. If you do not have one it will be assigned and filed in by the District office.
2. Operator's name and address.
3. API number of this well. If this is a new drill the OCD will assign the number and fill it in.
4. Property code. If this is a new property the OCD will assign the number and fill it in.
5. Property name that used to be called 'well name'.
6. The number of this well on the property.
7. The surveyed location of this well New Mexico principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the UL or lot no. box. Otherwise use the OCD Unit letter.
8. The proposed bottom hole location of this well at TD.
- 9 and 10. The proposed pool(s) to which this well is being drilled.
11. Work type code from the following table:

| | |
|---|--------------|
| N | New Well |
| E | Re-entry |
| D | Drill deeper |
| P | Plugback |
| A | Add a zone |
12. Well type code from the following table:

| | |
|---|-----------------------|
| O | Single oil completion |
| G | Single gas completion |
| M | multiple completion |
| I | Injection well |
| S | SWD well |
| W | Water supply well |
| C | Carbon dioxide well |
13. Cable or rotary code

| | |
|---|--------------------------|
| C | Propose cable tool drill |
| R | Propose to rotary drill |
14. Lease type code from the following table:

| | |
|---|--------------------|
| F | Federal |
| S | State |
| P | Private |
| N | Navajo |
| J | Jicarilla |
| U | Ute |
| I | Other indian tribe |
15. Ground level elevation above sea level.
16. Intend to mutiple complete? Yes or No.
17. Proposed total depth of this well
18. Geologic formation at TD.
19. Name of the intended drilling company if known.
20. Anticipated spud date.
21. Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement.
22. Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.
23. The sinature, printed name, and title of the person authorized to make this report. The data this report was signed and the telephone number to call for questions about this report.

3001 P 3 99A

