

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
PO 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: Nearburg Producing Company P. O. Box 823085 Dallas, TX 75382-3085 | | OGRID Number 15742 |
| Property Code 17-238 | Property Name Buffalo 2K State Com | API Number 30-026-33018 |
| | | Well No. #21 |

7 Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K | 2 | 19S | 33E | | 1,980 | South | 1960 | West | Lea |

8 Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|--|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| Proposed Pool 1 Quail Ridge Morrow, North | | | | | Proposed Pool 2 | | | | |

| | | | | |
|---------------------|---------------------------|------------------------|------------------------|--|
| Work Type Code N | Well Type Code G | Cable/Rotary Rotary | Lease Type Code S | Ground Level Elevation 3740 3739 |
| Multiple N | Proposed Depth 13,600' | Formation Morrow | Contractor Peterson | Spud Date 07/01/95 |

21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17-1/2" | 13-3/8" | 48# | 350' | 375 sx | Circ. |
| 11" | 8-5/8" | 24# & 32# | 5,200' | 2,400 sx | Circ. |
| 7-7/8" | 5-1/2" | 17# & 20# | 13,600' | 2,200 sx | 5,000' |
| | | | | | |
| | | | | | |

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.

Propose to drill the well to sufficient depth to evaluate the Morrow formation. After reaching TD, logs will be run and casing set if the evaluation is positive, test and stimulate as necessary to establish production.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

| | | | |
|--|--|--|------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>E. Scott Kimbrough</i> | | OIL CONSERVATION DIVISION | |
| Printed name: E. Scott Kimbrough | | Approved by: ORIGINAL SIGNED BY JERRY SEXTON | |
| Title: Manager of Drilling and Production | | Title: DISTRICT I SUPERVISOR | |
| Date: 6-30-95 | | Approval Date: JUL 06 1995 | Expiration Date: |
| Phone: 505/397-4186 | | Conditions of Approval: Attached <input type="checkbox"/> | |