

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. YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210 | | RECEIVED AUG 20 1996 OIL CON. DIV. | OGRID Number 025575 |
| Property Code 17245 | Property Name Boyd BN | Well No. #5 | API Number 30-015-79116 |

| 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 |
| L | 14 | 19S | 25E | | 1980 | South | 660 | West | Eddy |

| 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 Dagger Draw, Upper Penn, North 15472 | | | | | Proposed Pool 2 | | | | |

| | | | | |
|---------------------|-------------------------|------------------------|------------------------------|--------------------------------|
| Work Type Code N | Well Type Code 0 | Cable/Rotary Rotary | Lease Type Code P | Ground Level Elevation 3440 |
| Multiple No | Proposed Depth 8300' | Formation Canyon | Contractor Not Determined | Spud Date ASAP |

| 21 Proposed Casing and Cement Program | | | | | |
|---------------------------------------|-------------|--------------------|---------------|-----------------|---------------------------------------|
| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
| 14 3/4" | 9 5/8" | 36# J-55 | 1150 | 1100 sx | Circulated |
| 8 3/4" | 7" | 23# & 26# | TD | 1350 sx | Circulated |
| | | J-55, N-80 | | | Post FD-1 8-23-96 New Loc 4 API |

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.

Yates Petroleum Corporation wishes to drill and test the Canyon and intermediate formations. Approximately 1150' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: FW Gw1/LCM to 1150'; FW to 5200'; Cut brine/KCL to 7200'; Cut brine/KCL Starch to TD.

BOP PROGRAM: BOP's and hydril will be installed on the 9 5/8" casing and tested daily.

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--------------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Ken Beardemphl</i> | | OIL CONSERVATION DIVISION | |
| Printed name: Ken Beardemphl | | Approved by: ORIGINAL SIGNED BY TIM W. GUM | |
| Title: Landman | | Title: DISTRICT II SUPERVISOR | |
| Date: 8-19-96 | | Approval Date: 8-22-96 | Expiration Date: 8-23-97 |
| Phone: 505-748-1471 | | Conditions of Approval: Notify N.M.O.G.C. in advance <i>time to witness cementing</i> | |
| | | Attached <input type="checkbox"/> | |