

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. TOCO L. L. C. o/c OIL REPORTS & GAS SERVICES P. O. BOX 755 HOBBS, NEW MEXICO 88241 | | OGRID Number 003474 API Number 30-025-34526 |
| Property Code 23838 | Property Name TOWER | Well No. 1 |

| Surface Location | | | | | | | | | |
|------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| N | 23 | 12S | 33E | | 373 | SOUTH | 2035 | WEST | LEA |

| 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 |
| N | 23 | 12S | 33E | | 373 | SOUTH | 2035 | WEST | LEA |
| Proposed Pool 1 Hightower Devonian | | | | | Proposed Pool 2 | | | | |

| | | | | |
|---------------------|---------------------------|-----------------------|----------------------|--------------------------------|
| Work Type Code N | Well Type Code O | Cable/Rotary R | Lease Type Code S | Ground Level Elevation 4244 |
| Multiple NO | Proposed Depth 10,200' | Formation DEVONIAN | Contractor WEK | Spud Date 11/04/98 |

| 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 | 54.5# | 300 | 350 | CIRC |
| 12 1/4 | 8 5/8 | 32# & 24# | 3,700 | 1500 | CIRC |
| 7 7/8 | 5 1/2 | 17# | 10,200 | 600 | TIE INTO INTERMEDIATE |
| | | | | | |
| | | | | | |

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.

BOP PROGRAM: SEE ATTACHED BOP ARRANGEMENT

MUD PROGRAM: 0 TO 300 FRESH WTR & NATIVE MUD
300 TO 3,700 FRESH WTR & GEL TO TOP OF SALT, 10# BRINE WTR THRU SALT.
3,700 TO 10,200 DO W/ FRESH WTR CONT TO TD W/ SALT & GEL.

WELL PLAN: DRILL TO DEVONIAN 10,200' W/ROTARY RIG

Permit Expires 1 Year 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>Gaye Heard</i> | | OIL CONSERVATION DIVISION | |
| Printed name: GAYE HEARD | | Approved by: | Orig. Signed by |
| Title: AGENT | | Title: | Paul Kautz Geologist |
| Date: 11/03/98 | | Approval Date: NOV 04 1998 | Expiration Date: |
| Phone: (505) 393-2727 | | Conditions of Approval: Attached <input type="checkbox"/> | |

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