5/8"

17 & 15.5

11"

7/8"

Artesia, NM 8829 DABE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT

| | | | | | | _ | | |
|--|-------------------------|---------------|------------------|-----------------|----------|---------------------------------|----------------|----------------------|
| APPL | ICATION FOR | PERMIT TO | DRILL OR | EEPEN | | 6. DF INDIAR, A | LLOTTE | E OR TRIBE NAME |
| OIL [Y] | ALL A | DEEPEN | SINGLE X | M ULTIP Zone | :: [] | 7. UNIT AGREE 8. FARM OR LEASE | | 7324 |
| POGO PRODUCIN | G COMPANY 17 | (RICHARD | WRIGHT 915 | -685-8140 |) | FEDERAL " | 26 '' # | 10 |
| | 0 MIDLAND, TE | | = | • | | 10. PIELD AND | POOL O | 5-32759 |
| At surface | 1980' FWL SEC | | | | | LIVINGSTON | M. OR B | GE-DELAWARE |
| At proposed prod. zo: | | (| | POTASA | 4 | SECTION 26 | 5 T2 | 2S-R31E |
| | t 25 miles Eas | | |) | | 12. COUNTY OR EDDY CO. | | 13. STATE NEW MEXICO |
| DISTANCE FROM PROPI LOCATION TO NEARES PROPIETT OR LEASE I (Also to Degrest dr) | I LINE, FT. | 1650' | 16. NO. OF ACRES | IN LEASE | | F ACRES ASSIGNE | a : | |
| DISTANCE FROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH | RILLING, COMPLETED. | 1400' | 19. PROPOSED DE | TH | l | TARY | LS | |
| ELEVATIONS (Show who | ether DF, RT, GR, etc.) | 3494' GR | Codebad C | proposed by | ofor Bas | WHEN A | | ED ED |
| | | PROPOSED CASE | NG AND CEMENT | NG PROGRAM | I | | | |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FO | | C DEPTH | | QUANTITT OF | | |
| | Conductor | NA NA | 40 | | | | | h Redi-mix. |
| 17½" | H-40 13 3/8" | 48 | 800 | 875 | 800 Sx. | . circulate | e cem | ent to surface |

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.

43501

86001

2. Drill $17\frac{1}{2}$ " hole to 800'. Run and set 800' of 13 3/8" 48# H-40 ST&C casing. CEment with 600 Sx. of 65/35/6 Class "C" POZ-GEL, tail in with 200 Sx. of Class "C" cement + 2% CaCl, 1/4# Flocele/Sx. circulate cement to surface.

1500 Sx.

in 3 stages TOC surf

- 3. Drill 11" hole to 4350'. Run and set 4350' of 8 5/8" 32# J-55 ST&C casing. Cement with 1300 Sx. of 65/35/6 Class "C" POZ-GEL, + 5% NaCl, tail in with 200 Sx. of Class "C" cement + 2% CaCl, + 1/4# Flocele/Sx. circulate cement to surface.
- 4. Drill 7 7/8" hole to 8600'. Run and set 8600' of $5\frac{1}{2}$ " casing as follows: 2600' of $5\frac{1}{2}$ " 17#J-55 LT&C, 5000' of 5½" 15.5# J-55 LT&C, 1000' of 5½" 17# J-55 LT&C. Cement in 3 stages with DV Tools at 5800' & 3700't. Cement 1st stage with 650 Sx. of Class "H" cement + additives, 2nd stage cement with 600 Sx. of Class "C" cement + 83 Gilsonite/Sx, 3rd stage cement with 400 Sx. of 65/35/6 Class "C" POZ-GEL, tail in with 100 Sx. of Class "C" cement + 1% CaCl, circulate cement to surface.

BOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or en directionally, give perginent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any,

| SIGNED LOOT JONES | | 02/09/03 |
|--|---|--|
| (This space for Federal or State office use) | SPECIAL STIPULATIONS ATTACHES | APP 2000 |
| CONDITIONS OF APPROVAL IF ANY: | legal or equitable title to those rights in the subject lease which would entitle the | applicant to contact opening for ARTESIA |
| APPROVED BY ISI CARSTRIN F. GOFF | STATE DIRECTOR DATE | APR 1 7 2003 10,084998 |

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office

OIL CONSERVATION DIVISION Submit

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV

DISTRICT III

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

| API Number | Pool Code Pool | | ame |
|--------------------|----------------|------------------------------|--------------------|
| | 39360 | LIVINGSTON RIDGE-DELAWA | RE |
| Property Code | | Property Name EDERAL 26 | Well Number 10 |
| OGRID No. 17891 | | Operator Name DUCING COMPANY | Elevation 3494' |

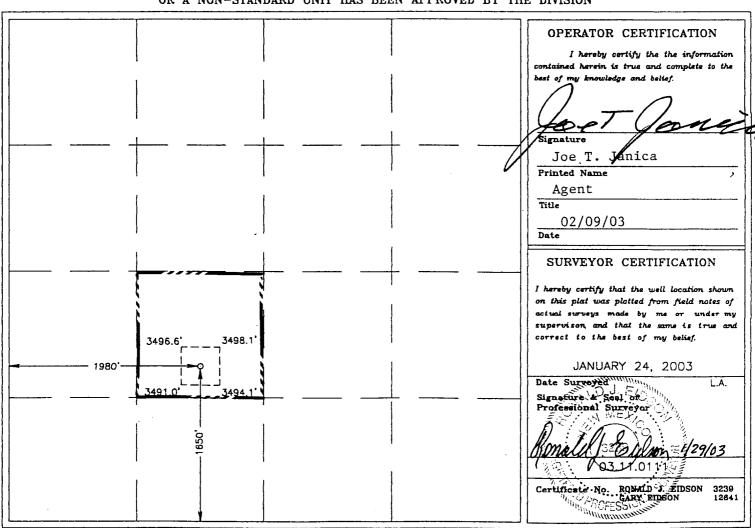
Surface Location

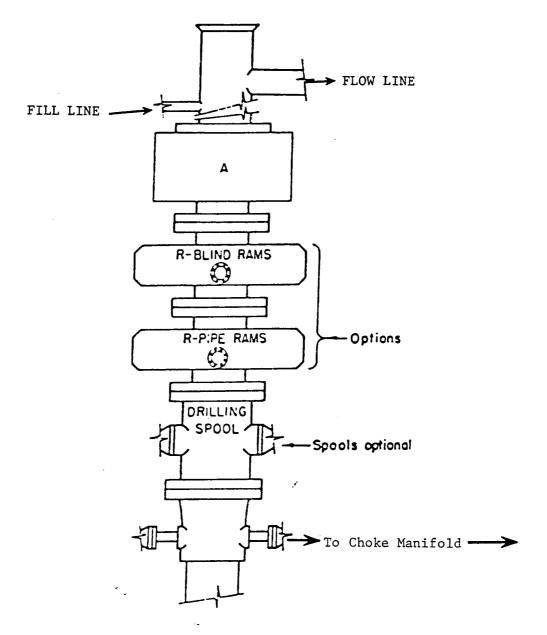
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | Count y |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------------------|
| K | 26 | 22-S | 31-E | | 1650 | SOUTH | 1980 | WEST | EDDY |

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 |
|--|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres Joint or Infill Consolidation Code | | | | | der No. | | | [| |
| 40 | | | | | | | ` | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION





ARRANGEMENT SRRA

900 Series 3000 PSI WP

EXHIBIT "E"
SKETCH OF B.O.P. TO BE USED ON

POGO PRODUCING COMPANY FEDERAL "26" # 10 UNIT "K" SECTION 26 T22S-R31E EDDY CO. NM



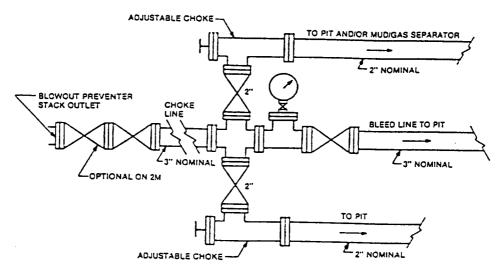


FIGURE K4-1. Typical choke manifold assembly for 2M and 3M rated working pressure service — surface installation.

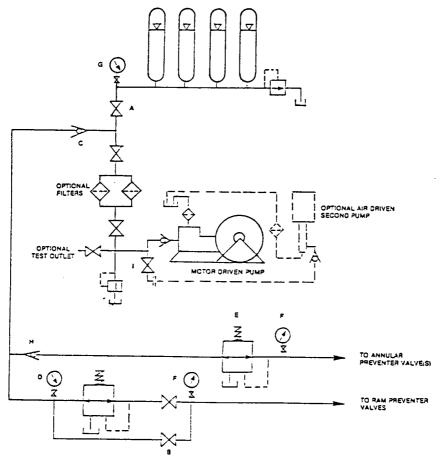


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

POGO PRODUCING COMPANY FEDERAL "26" # 10 UNIT "K" SECTION 26 T22S-R31E EDDY CO. NM