P. O. BOX 2088 DISTRIBUTION 3ANTA FE FILE U.S.G.S. C.AND OFFICE APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Weil ORILL X DEEPEN DRILL X DEEPEN DRILL X C.C.D. ARTESIA. OFFICE TO THE STORE OF WORK DRILL X DEEPEN DRILL X DEEPEN DRILL X MULTIPUE THE STORE OF OPPORT TO THE STORE OF OPPORT THE STORE OF OPPORT THE STORE OF OPPORT DRILL X DEEPEN DRILL X DRILL X DEEPEN DRILL X DRILL X DRILL X DEEPEN DRILL X DRILL X D	A. Indicate Type of Luase ************************************
Distribution       SANTA FE, NEW MEXJOR 27:03:64       S/         JANTA FE       C. C. D.         ARTESIA, OFFICE       SILE OF CASING AND CEMENT FOR TOOR         ARTESIA, OFFICE       SILE OF HOLE         SIZE OF HOLE       SIZE	avart     rcc X       . State Oll & Gas Leage No.       . Unit Agreement Name       . Hurm of Leage Name       Porrington "ZK" Co.       . Well No.       0. Field and Pool, or Wildcat       Indes. Morrow       2. County       Cddy       2. Approx. Date Work will start       ASAP       CEMENT
FILE       C. C. D.         U.S.G.S.       2         LAND OFFICE       ARTESIA. OFFICE         OFFICE       APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK         APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK       7.         Type of Weil       DRILL X       DEEPEN         PLUG DACK       8.         With XX       OTHER         With XX       OTHER         Prove of Weil       OTHER         Plug DACK       8.         With XX       OTHER         Plug DACK       8.         Multiple       9.         Vates Petroleum Corporation       9.         Address of Cherotor       9.         207 S. 4th, Artesia, New Mexico 88210       10.         'scotton of Well       Unit Letter         Unit Letter       J         cocarto 1980       Februaritica         S2200       Februaritica         Proposed Casing And Cement Program       15. Propesed Logitic         15. Proposed Casing And Cement Program       2         3398' GL       Blanket       Undes.         PROPOSED CASING AND CEMENT PROGRAM       SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT         SIZE OF HOLE       SIZE OF CASING WEIGHT	. State OII & Gus Louge No. . Unit Agreement Name . Furm or Lease Name Porrington "ZK" Co . Well No. 0. Field and Pool, or Wildcot Indes. Morrow 2. County Cddy . County . Count
LAND OFFICE       ARTESIA, OFFICE         APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK       7.         APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK       7.         Type of Well       DRILL X       DEEPEN         ORICE XX       OTHER       PLUG BACK         Witt XX       Sett       OTHER         OTHER       DEEPEN       PLUG BACK         Witt XX       Sett       OTHER         Vates Petroleum Corporation       1         Address of Operator       1         207 S. 4th, Artesia, New Mexico 88210       X         Location of Well       UNIT LETTER J       LOCATED 1980         2000       FEET FROM THE       East       UNE of set. 8         S2000       FEET FROM THE       East       UNE of set. 8         S2000       FEET FROM THE       East       UNE of set. 8         S2000       FEET FROM THE       East       UNE of set. 8         S398' GL       Blanket       Undees.       Morrow         PROPOSED CASING AND CEMENT PROGRAM       SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF C         17"       13 3/8"       48#       appr. 450'       400 sx	. Unit Agreement Nume . Furm of Lease Name Porrington "ZK" Co . Well No. D. Fjeld and Pool, or Wildcot Indes. Morrow 2. County 2. County 2. County 2. Approx. Date Work will start ASAP DEMENT EST. TOP
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK         Type of Wold         OTHER	. Furm or Lease Name Porrington "ZK" Co . Well No. D. Field and Pool, or Wildcot Indes. Morrow A. County
Type of Work       7.         Type of Well       DEEPEN       PLUG BACK         Oth       Single       PLUG BACK         With XX       Multiple       Bingle         Wates Petroleum Corporation       Address of Operator       Bingle         207 S. 4th, Artesia, New Mexico       88210       X         Location of Well       Wit Letter       J       Locates 1980         Vectored Well       Wit Letter       J       Locates 1980         Vectored Well       Wit Letter       J       Locates 1980         Vectored Well       Wit Letter       J       Locates 26         Vectored Well       Wit Letter       J       Locates 26         Vectored Well       Wit Letter       J       Locates 26         Vectored Well       Vectored Sectore       Banket       Morrow         2398' GL       Blanket       Undes.       PROPOSED CASING AND CEMENT PROGRAM         SIZE OF HOLE       SIZE OF CASING	. Furm or Lease Name Porrington "ZK" Co . Well No. D. Field and Pool, or Wildcot Indes. Morrow A. County
DRILL X       DEEPEN       PLUG BACK       8.         Out X       State       <	. Furm or Lease Name Porrington "ZK" Co . Well No. D. Field and Pool, or Wildcot Indes. Morrow A. County
Type of Well       GAS       MULTIPLE       B.         With SX       With Corporation       Since       MULTIPLE       Tr         Name of Operator       Since	Corrington "ZK" Co . Well No. D. Field and Pool, or Wildcot Hiddes. Morrow 2. County Cddy 2. County 2. Approx. Dete Work will start ASAP CEMENT EST. TOP
Home of Operator       1         Yates Petroleum Corporation       1         Address of Operator       1         207 S. 4th, Artesia, New Mexico 88210       1         Location of Well       UNIT LETTER_J       Locateo 1980         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Locateo 1980       Feet FROM THE South       Line         voir Letter_J       Line of stell       The of stell       South       Line         voir Letter_J       Line of stell       South       Line       Morrow         voir Letter_J       21A. Kind & States Plug. Bond       21B. Erlling Contractor       2         3398' GL       Blanket       Undes.       2         PROPOSED CASING AND CEMENT PROGRAM       SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT       SETTING DEPTH	. Well No. D. Fjeld and Pool, or Wildcot Indes. Morrow A. County Cddy C. County C. D. Hetery or C.T. Rotary 22. Approx. Dete Work will start ASAP CEMENT EST. TOP
Yates Petroleum Corporation       1         Address of Operator       10         207 S. 4th, Artesia, New Mexico 88210       X df         Location of Well       UNIT LETTER_J       Locateo 1980       rett FROM THE South LINE         10 2200       rett FROM THE East       Line of SEC.       8 TWP.       18 acc.       26 MMPM         12 2200       rett FROM THE East       Line of SEC.       8 TWP.       18 acc.       26 MMPM         12 2200       rett FROM THE East       Line of SEC.       8 TWP.       18 acc.       26 MMPM         12 200       rett FROM THE East       Line of SEC.       8 TWP.       18 acc.       26 MMPM         12 200       rett FROM THE East       Line of SEC.       8 TWP.       18 acc.       26 MMPM         12 200       rett FROM THE East       Line of SEC.       8 TWP.       18 Acc.       26 MMPM         12 200       rett FROM THE East       Line of SEC.       8 950'       Morrow         - Envedicition School Whether DF, NI, etc.)       21 A. Kind & Status Flug. Bond       21 B. Entiling Contractor       2         3398' GL       Blanket       Undes.       2       2       2       2       2         SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT       SETTING DEPTH	0. Field and Pool, or Wildcot Hides. Morrow 2. County 2. County
Address of Operator       10         207 S. 4th, Artesia, New Mexico 88210       10         Location of Well       UNIT LETTER_J_LOCATED 1980       FLET FROM THE SOUth LINE         © 2200       FLET FROM THE East LINE OF SEC. 8       TWP. 18       RCC. 26         0       2200       FLET FROM THE East LINE OF SEC. 8       TWP. 18       RCC. 26         12       LOCATED ISSEC. 8       TWP. 18       RCC. 26       NMPM         12       East LINE OF SEC. 8       TWP. 18       RCC. 26       NMPM         14       East LINE OF SEC. 8       TWP. 18       RCC. 26       NMPM         15       Proposed Cepth       19A. Formation       RCC. 26       NMPM         15       Hoppsed Cepth       19A. Formation       RCC. 26       NMPM         16       Hoppsed Cepth       19A. Formation       RCC. 26       NMPM         17       21A. Rind & Black Flug, Bond       21B. Diffling Contractor       2         3398' GL       Blanket       Undes.       2         PROPOSED CASING AND CEMENT PROGRAM         SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT       SETTING DEPTH       SACKS OF CO         17"       13 3/8"       48#       appr. 450'       400 SX	Andes. Morrow Andes. Morrow A County Addy 10. Hotery or C.T. Rotary 22. Approx. Dete Work will start ASAP CEMENT EST. TOP
Located 1980 reet FROM THE SOUTH LINE 2200 reet FROM THE East LINE OF SEC. 8 TWP. 18 HCE. 26 NMPM 12 200 reet FROM THE East LINE OF SEC. 8 TWP. 18 HCE. 26 NMPM 12 14 15 16 19 19 19 19 19 19 19 19 19 19	22. Approx. Dete Werk will start ASAP
• 2200       reet FROM THE       East       LINE OF SEC.       8       TWP.       18       RCE.       26       NMPM       12         • 2200       reet FROM THE       East       LINE OF SEC.       8       TWP.       18       RCE.       26       NMPM       12         • 2200       reet FROM THE       East       LINE OF SEC.       8       TWP.       18       RCE.       26       NMPM       12         • 12       III       IIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Eddy 20. Hetery of C.T. Rotary 22. Approx. Dete Work will start ASAP EEMENT EST. TOP
12         12         12         14         15         16         17         18         19         11	Eddy 20. Hetery of C.T. Rotary 22. Approx. Dete Work will start ASAP EEMENT EST. TOP
12       12         13       14         14       15         15       Proposed (repta)         15A       Formation         8950'       Morrow         21B       Drilling Contractor         2398' GL       Blanket         PROPOSED CASING AND CEMENT PROGRAM         SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT         17"       13         13       48#         appr.       450'         400       sx	Eddy 20. Hetery of C.T. Rotary 22. Approx. Dete Work will start ASAP EEMENT EST. TOP
Size of HOLE       Size of CASING       WEIGHT PER FOOT       SETTING DEPTH       SACKS OF CI         17."       13.3/8."       48#       appr. 450'       400 sx	22. Approx. Dete Werk will sturt ASAP
Biovalion States Proposed Casing and Cement Program       Morrow         SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT       SETTING DEPTH         13 3/8"       48#       appr. 450'       400 sx	Rotary 22. Approx. Dete Werk will start ASAP CEMENT EST. TOP
Size of Hole       Size of Hole       Size of Hole       Size of Casing weight per foot       Setting Contractor       Morrow         13.398'       GL       21A. Kind & Stutes Plug. Bend       21B. Drilling Contractor       2         PROPOSED CASING AND CEMENT PROGRAM	Rotary 22. Approx. Dete Werk will start ASAP CEMENT EST. TOP
SIZE OF HOLE       SIZE OF CASING       WEIGHT PER FOOT       SIZE OF CASING       WEIGHT PER FOOT       SETTING DEPTH       SACKS OF CI         17"       13 3/8"       48#       appr. 450'       400 sx	Rotary 22. Approx. Dete Werk will start ASAP CEMENT EST. TOP
3398' GL       21A. Kind & Status Plug. Bond       21B. Drilling Contractor       2         3398' GL       Blanket       Undes.       2         PROPOSED CASING AND CEMENT PROGRAM         SIZE OF HOLE       SIZE OF CASING WEIGHT PER FOOT       SETTING DEPTH       SACKS OF CI         17"       13 3/8"       48#       appr. 450'       400 sx	22. Approx. Dete Work will start ASAP CEMENT EST. TOP
PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF C 17" 13 3/8" 48# appr. 450' 400 sx	EMENT EST. TOP
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF C 17" 13 3/8" 48# appr. 450' 400 sx	
17" 13 3/8" 48# appr. 450' 400 sx	
	circ
$12 \frac{1}{4}$ 8 5/8" 24# [appr. 1350'] 650 sx	
	circ
7 7/8" $\begin{bmatrix} 5 \ 1/2" \text{ or } \\ 4 \ 1/2" \end{bmatrix}$ 15.5-17# or $\begin{bmatrix} TD \\ 250 \text{ sx} \\ 10.5-11.6\# \end{bmatrix}$	
We propose to drill and test the Morrow and intermediate forma- mately 450' of surface casing will be set to shut off gravel and intermediate casing will be set 100' below the base of the Arto Both strings will be circulated. 5 1/2" or 4 1/2" casing will cemented with about 1000' of cement cover. <u>MUD PROGRAM</u> : FW gel/LCM to 1250', water to 7600' (KCL added @ drispak/KCL mud to TD, MW 8.9-9.1, Vis 35-40, WL	and cavings and esian Water Zone. be run and
BOP PROGRAM: BOP's/hydril on 8 5/8" casing, tested daily, yel prior to drilling Wolfcamp, fluid level & flow se	low jacket sensor equipment.
GAS NOT DEDICATEL.	ALID FOR 180 DAYS
FERON 12X	PIRES 12-28-84 PRILLING UNDERWAY
DOVE SPACE DESCRIBE PROPOSED PROGRAMI IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUC Zone, give blowout preventer program, if any.	CTIVE ZONE AND PROPOSED NEW PRO
eby certify hat the information above is true and complete to the best of my knowledge and belief.	······································
ed Stran Tille Regulatory Agent Date	
AThis space for State Usek	e <u>6/26/84</u>
mal dia	JUN 281984
PROVED BY ALLAND DAS ISSPECTOR DAT	JUN 40 DUT
NOITIONS OF APPROVAL, IF ANY:	Post ID-1 6-29-84 BK + HII

## N MEXICO OIL CONSERVATION COMMISS I WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Operator Lease Welling. YATES PETROLEUM CORPORATION Torrington ZK Com 1 Unit Lette Section Township Range County J 8 18 South 26 East Eddy Actual Footage Location of Well: 1980 South 2200 feet from the East line on/i of from the Ground Level Elev. Product Acteader 5398. Ion Arres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and rovalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unifization, force-pooling, etc? If answer is "yes?' type of consolidation To BE CommunitizeD Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)\_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. 11.00 Су owan Fratien Regulatory Agent Company Yates Petroleum Corp. Date 6/26/84 NR. REI MURTER SALES TO tty that the well location S. P. Yutes this plot was plotted from field 2200 fual surveys made by me or John A. Yat upervision, and that the some correct to the best of my o and beliet PED PROFESSIONA Date Suiveyed 80 May 21, 1984 9 Registered Ercfessional Engineer and/or ...and Surveyor Nar Certificate No. NM PE&LS #5412 330 560 190 1320 1650 1980 2310 2640 2000 1500 1000 500 0



## THE FOLLCWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- 1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
- 2. Choke outlet to be a minimum of 4" diameter.
- 3. Kill line to be of all steel construction of 2" minimum diameter.
- 4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
- 5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- 6. All connections to and from preventer to have a pressure rating equivalent to that of the B.C.P.'s.
- 7. Inside blowout preventer to be available on rig floor.
- 8. Operating controls located a safe distance from the rig floor
- 9. Hole must be kept filled on trips below intermediate casing.

10. D. P. float must be installed and used below zone of first gas intrusion.