| orm 9-331 C<br>(May 1963)  | 11N                         | D STATES M   | OIL CONSEVER COMM                                      | 。∽⊃п<br>. I <b>ОЙ</b>  | Budget Bureau No. 42-11120.  |
|--|-----------------------------|--|--|------------------------|--|
|  | DEPARTMENT                  | OF THE INTER   | OF DD  |                        | 5. LEASE DESIGNATION AND SERIAL NO.  |
|  | GEOLOG                      | ICAL SURVEY  | tesia, NM 8821   |                        | NM-18031  G. IF INDIAN, ALLOTTEE OR TRIBE NAME   |
| APPLICATION  | FOR PERMIT TO               | DRILL, DEEPE   | N, OR PLUG BA  | ACK_                   |  |
| O TYPE OF WORK   | L X                         | DEEPEN [   | PLUG BACK  | к 🗆                    | 7. UNIT AGREEMENT NAME   |
| b. TYPE OF WELL GAS  | s 🗔 <b>\(\)</b> (1)         | 2 4 1982 six   | GLE MULTIPLE ZONE                                      | r []                   | 8. FARM OR LEASE NAME  |
| WELL WE  |                             |  |  |                        | Huckaby "TJ" Federal   |
| Yates Petrol   | eum Corporatio              | . C. D.  |  |                        | #2   |
| . ADDICAGO OF  | A111                        | 311 ()   | ज्ञान जिल्ला का    | 7725                   | Undes. Pecos Slope Abo   |
| 207 S. 4th S<br>4. LOCATION OF WELL (Re                                | treet, Artesia,             | n accordance with any S                                | inte requirements:*)                                   | -44                    | 11. SEC., T., B., M., OR BLK.  |
|  | FNL and 660' F              |  |  | 182                    | AND SURVEY OR AREA   |
| At proposed prod. zone   |                             |  | e la               |                        | Sec. 19-TØS-R26E   |
| Same   | E AND DIRECTION FROM NEAR   | EST TOWN OR POST OFFICE                                | OIL & GAS<br>U.S. GEOLOGICAI                           | S<br>i su <b>r</b> ve) | 12. COUNTY OR PARISH 13. STATE  Chaves NM  |
| 16 т   | miles ENE of Ros            |  | O. OF AUBES IN TEASE                                   | 17. No.                | OF ACRES ASSIGNED  |
| 15. DISTANCE FROM PHOPO-<br>LOCATION TO NEAREST<br>PROPERTY OR LEASE I | £"                          | 60'  | 1920   | 10                     | 60   |
| (Also to nearest drig  | g. unit line, if any)       |  | OPOSED DEPTH   | 20. ROT                | ARY OR CABLE TOOLS   |
| 18. DISTANCE FROM PROP<br>TO NEAREST WELL, D<br>OR APPLIED FOR, ON TH  |                             |  | 4600'  | <u> </u>               | Rotary   22 APPROX. DATE WORK WILL START*  |
| 21. ELEVATIONS (Show wh  | ether DF, RT, GR, etc.)     |  |  |                        | ASAP   |
|  | T                           | POPOSED CASING AN                                      | D CEMENTING PROGRA                                     | AM                     |  |
| 23.  |                             | WEIGHT PER FOOT  | SETTING DEPTH  |                        | QUANTITY OF CEMENT   |
| SIZE OF HOLE   | 10 3/4 <sup>11</sup>        | 48# J-55   | 935 '  |                        | 0 sx circulated  |
| 14 3/4"<br>7 7/8"  | 4 1/2"                      | 9.5#   | TD   | <u> 45</u>             | 0 sx   |
|  |                             |  |  | .:                     |  |
| We propose   | to drill and te             | st the Abo   |  | {                      | and intermediate formations.   |
|  | _                           |  | g will be set a  | and cer                | ment circulated to shut off  |
|  |                             |  |  |                        | mediate casing will be run back into the surface   |
|  |                             |  |  |                        |  |
| casing. Te   | be run and cem              | ented with adeq  | uate cover, per  | rforate                | e, and stimulate as needed   |
| for product  | ion.                        |  |  |                        | 그는 음 통일 사람 있었다. 학생과  |
| . DDOCDAM  | . VU gol and I              | cm 935'. Brine   | to 3200', Brine  | e and l                | KCI, water to TD.  |
| MUD PROGRAM  |                             |  |  |                        | Ocatorian.   |
| BOP PROGRAM  | 1: BOP's will b             | e installed at   | the offset and   | teste                  | d daily. Pooted UDI<br>Nd-Aps Booko  |
| GAS NOT DEL  | እተ <i>ር</i> ለሞፑ <b>ኮ</b>    |  |  |                        | 8-26-82<br>140 HPB 1000KD  |
|  |                             |  |  |                        | ductive some and proposed new productive   |
| IN APOVE SPACE DESCRI  | IBE PROPOSED PROGRAM: 1     | f proposal is to deepen o<br>nally, give pertinent dat | r plug back, give data on<br>a on subsurface locations | and meas               | productive zone and proposed new productive sured and true vertical depths. Give blowout |
| preventer program, if  | any.                        |  |  |                        |  |
| 24.  | 3 A H                       | ŭ  | egulatory Coord  | linator                | PATE 2/23/82   |
| SIGNER   | PROPEDING                   | TITLE !  | eguideoi) deser-                                       |                        |  |
| (This space for F  | ederal or State office use) | STEWART  |  |                        |  |
| PERMIT NO  | . Sgd.) GEORGE H.           | <u> </u>   | APPROVAL DATE  |                        | 6 C 4- 8- 5- 18- 18- 18- 18- 18- 18- 18- 18- 18- 18                                      |
| i  | 116 1 8 1982                | TITLE  |  |                        | DATE   |
| CONDITIONS OF APP  | KESTAL GIELHAM              |  |  |                        |  |
| DIST   | RICT SUPERVISOR             |  |  |                        | 8 8 3 18 6<br>3 2 28 6   |

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

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Well No. Operator Huckaby "TJ" Federal ATES PETROLEUM CORPORATION Unit Letter Chaves 8 South 26 East Actual Footage Location of Well: 660 feet from the line and teet from the West <u>North</u> Ground Level Elev. Producing Formation Dedicated Acreage: Undes. Pecos Slope Abo 160 3614 **.**8,1 Acres 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 royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Yes No If answer is "yes," type of consolidation \_ 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 YPC I hereby certify that the information con-NM-18031 tained herein is true and complete to the Beardemohl Ken Position Regulatory Coordinator Company **-660** Yates Petroleum Coro. 4/22/82 April 14, 1982 Registered Professional Engineer and/or Land Surveyor

2000

1500

660

1320 1650

1980 2310

1000

500

### IN OIL COP COMMISSION

Arthrited States 210

5. LEASE

Form Approved. Budget Bureau No. 42-R1424

| DEPARTMENT OF THE INTERIOR   | NM 18031  |
|--|---|
| GEOLOGICAL SURVEY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |
| SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir, Use Form 9–331–C for such proposals.)                                    | 7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME                               |
| 1. oil gas x other   | Huckaby "TJ" Federal  9. WELL NO.   |
| 2. NAME OF OPERATOR Yates Petroleum Corporation  | #2  10. FIELD OR WILDCAT NAME   |
| 3. ADDRESS OF OPERATOR 207 S. 4th, Artesia, New Mexico   | Undes. Pecos Slope Abo 11. SEC., T., R., M., OR BLK. AND SURVEY OR          |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17   | AREA<br>Sec. 19-T8S-R26E  |
| AT SURFACE: 1980' FNL and 660' FWL AT TOP PROD. INTERVAL:  | 12. COUNTY OR PARISH 13. STATE  Chaves NM                                   |
| AT TOTAL DEPTH: same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,  | 14. API NO.   |
| REPORT, OR OTHER DATA  | 15. ELEVATIONS (SHOW DF, KDB, AND WD)                                       |
| REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  (other) MOVED LOCATION | (NOTE: Report results of multiple completion or zone change on Form 9–330.) |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinent        | irectionally drilled, give subsurface locations and                         |
| Location moved per request of Bureau o   | f Land Management.  |
| Old location: 660' FNL and 660' FWL  |   |
| New Location: 1980' FNL and 660' FWL   | 型 77: 20 1982 型   |
|  | LIBERUTE MEM WEXICO<br>FIR ON DEOPTING GRAAFA<br>OF YELD                    |
|  |   |
| Subsurface Safety Valve: Manu, and Type  |   |
| 18. I hereby certify that the foregoing is true and correct  | 4/22/02   |
| SIGNED APPROVED (This space for Federal or State of  |   |
| APPROVED BY Qrig. Sgd.) GEORGE H. STEWAR!  | DATE  |
| CONDITIONS OF APPROVAL, IF ANY: 1982   |   |

JAMES A. GILLHAM
DISTRICT SUPERVISOR • See Instructions on Reverse Side

# WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

| VATES PETROLEUM CORPORALION   Transmitter   Areas   Areas   Content  | Operator           |                |  |                 | I_ec         | ıse                                    |                                       |                 |           | Well No.                  |
|--|--------------------|----------------|--|-----------------|--------------|--|---------------------------------------|-----------------|-----------|---------------------------|
| The continue of the continue o |                    |                |  |                 |              |  |                                       |                 |           |                           |
| Double of the times to the content of settle to the subject well by colored pentil or hachuse marks on the plat below.  1. Outline the acrosse dedicated to the subject well by colored pentil or hachuse 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 covalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes \( \text{No.} \) 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.  Yec \( \text{NN.} - 18031 \)  Yec \( \text{NN.} - 18031 \)  1. hereby certify that the informetion contained breath is round decomplete to the least of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  1. hereby certify that the informetion contained breath is round decomplete to the least of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  1. hereby certify that the informetion contained breath is round decomplete to the least of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  1. hereby certify that the informetion contained breath is round complete to the least of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  1. hereby certify that the informetion contained breath is round complete to the least of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  1. hereby certify that the best of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  1. hereby certify the the best of my honoridage and ballet.  Yec \( \text{NN.} - 18031 \)  2. Hereby certify the the set hereby contained to my honoridage and ballet.  Yet \( \text{NN.} - 180 |                    |                |  |                 |              |  |                                       |                 | <u> </u>  |                           |
| Account postular of well that came 660 took from the West time 1000 Medical Accesses 1805.9 Postular Ferrenties 1805.9 Postular F | D                  |                | 19                                       | •               | t b          |  |                                       |                 |           |                           |
| 1. Outline the acreage dedicated to the subject well by colored pencil or bachure 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 royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, foresponding, etc?  Yes No If answer is "yes," type of cossolidation  If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse aide of this form if accessary.)  No allowable will be assigned to the well unitid all interests have been consolidated (by communitization, unitization, forece-pooling, or otherwise) or unitid a non-standard unit, eliminating such interests, has been approved by the Commission.  YPC.  NN - 18031  CERTIFICATION  1 harsby certify that the information contained hearth is row and complete to the base of my knowledge and belief.  NN - 18031  Thereby certify that the unformation contained hearth is row and complete to the base of my knowledge and belief.  NN - 18031  Thereby certify that the unformation contained hearth is row and consist on the base of my knowledge and belief.  NN - 18031  Thereby certify that the unformation contained hearth is row and cornect to the best of my knowledge and belief.  NN - 18031  Thereby certify that the unformation contained hearth is row and cornect to the best of my knowledge and belief.  NN - 18031  Thereby certify that the substance page of the first was plotted from field notes of sector survey made by my not own of the contained hearth is row and cornect to the best of my knowledge and belief.  NN - 1805  The purpose of the sector of the best of my knowledge and belief.  NN - 1805  The purpose of the purpose of the sector of the best of my knowledge and belief.  NN - 1805  The purpose of the  | Actual Footage Loc | ation of W     |  | <u> </u>        | i ÇII        | LO Last                                |                                       | CHAVES          | ~~~~.     |                           |
| Decision   Production   Promoted   Promote   |                    |                |  | lanth           |              | <i>((</i> 0                            |                                       | Wost            | •         |                           |
| 3595.91 Abo Undes. Pecos Slope Abo 160 Acres  1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 coyalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  — Yes — No If answer is "yes," type of cossolidation —  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 ussigned 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  1 hereby certify that the information cantolidated formulation and the standard of the semi such as a standard of th |                    |                |  |                 |              |  | feet from th                          | ie West         |           |                           |
| 1. Outline the aereage dedicated to the subject well by colored pencil or hackure 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 royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes," type of consolidation  If answer is "no." list the owners and tract describins which have actually been consolidated. (Use reverse side of this form if accessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I harsby carrify that the information contained and belief.  Name  Rea Beardemphl  Fostiben  Reagulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I harsby carrify that the well leaves on the best of my knowledge and belief.  HERSCHEL  Date Surveys made by me of consolidation of the same is true and congets to the best of my knowledge and belief.  HERSCHEL  Date Surveys and by me of consolidation of the same is true and consol to the date of the same is true and consol to the date of the same is true and consol to the date of the same is true and consoler to the best of my knowledge and belief.  HERSCHEL  Date Surveys and by me of consolidation of the same is true and consoler to the best of my knowledge and belief.  HERSCHEL  Date Surveys and by me of consolidation of the same is true and consoler to the best of my knowledge and belief.  Company  And the surveys and by my of consolidation of the same is true and consoler to the best of my knowledge and belief.  HERSCHEL  And Date Surveys and by the consoler to t | 1                  |                |  |                 | 1            | -                                      | Clama A                               | h.a             | 1         | ited Acreage:             |
| 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes," type of consolidation  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    hereby certify that the information contained brain is true and complete to the best of my howledge and belief.    None   Each demph  |                    |                |  |                 |              |  |                                       | <del></del>     | ·         |                           |
| interest and coyalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, ete?  Yes No If answer is "yes," type of consolidation  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.  Yec.  WM-18031  CERTIFICATION  I hereby certify that the information contained herein is true and complete to the feat of my knowledge and ballet.  Name  Ren Beardemphl  Position  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on this play was platted from field notes of actual surveys made by me or under my supervision, and that the same is true actual surveys made by me or under my supervision, and that the same is true actual surveys and ballet.  HERSCHEL  L JONES  J 1008  Add 1008  Registered Professional Engistered True and Complete to the best of my knowledge and ballet.  L JONES  J 21-32  Registered Professional Engistered True and Complete to the best of my knowledge and ballet.  L JONES  J 21-32  Registered Professional Engistered True No.  Cyllicote No.  | 1. Outline th      | e acrea        | ge dedicat                               | ed to the sub   | ject well l  | oy colored per                         | icil or hach                          | ure marks on th | e plat    | below.                    |
| Yes  | interest a         | nd royalt      | ty).                                     |                 |              |  |                                       |                 |           | _                         |
| 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.  Name  Ren Beardemphl  Position  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on his plat was platted from field notes of exchal surveys made by me or under my superstain, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL  L JONES  3 3440  CHIECTOR NO.  CALLICATE NO.   | dated by c         | communit       | ization, un                              | itization, forc | e-pooling.   | etc?                                   | vell, have ti                         | he interests of | allo      | wners been consoli-       |
| 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 feat of my knowledge and belief.  Name Ken Beardemphl  Position  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on this play was pitched from field noises of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL 8  L JONES  A HERSCHEL 8  Capitate of Positional Engineer  and/or Lund Surveyor  Copiliticate No.  Copiliticate No.   |                    |                |  | , , ,           | ·) p · · · · |  |                                       | ····            |           |                           |
| 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 feat of my knowledge and belief.  Name  Ken Beardemphl  Position  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on this plat was plotted from field noises of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL 8  L JONES  A HERSCHEL 8  Capitite and Carreet to the best of my knowledge and belief.  Date Surveyed  and/or Land Surveyor  Copilificate No.  Copilificate No.  | If answer          | is "no"        | list the o                               | wners and tra   | ct descripti | ione which ha                          | ve actually                           | haan aanaalid   |           | II                        |
| 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 haveby carilly that the information contained have in let true and complete to the best of my knowledge and belief.    Name   Regulatory Coordinator   | this form i        | fnecess        | arv )                                    | more and the    | er descript  | ions which ha                          | ve actually                           | Deen consolida  | ated. (   | Use reverse side of       |
| 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 base of my knowledge and belief.  Name  Ken Beardemphl  Fostition  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is stress and correct to the best of my knowledge and belief.  HERSCHEL  JONES  3/440  CHISTORIAN  C | 1                  |                | •  | J               |              | . 1 1                                  |                                       | 1 . 3 /1        |           |                           |
| CERTIFICATION  I hereby certify that the information centained herein is true and complete to the feat of my knowledge and belief.  When Beardemphl Position Regulatory Coordinator Company Yates Petroleum Corporation Date 3/3/82  I hereby certify that the well location shown on this plat was plotted from field motes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL Date Surveyed L JONES 3-1-82 Registered Professional Engitive and/or Land Surveyor  Copylificate No.  | forced             | lina an -      | othomics)                                | to the well t   | inimali inte | erests have b                          | een consoli                           | dated (by com   | muniti    | zation, unitization,      |
| CERTIFICATION  I hereby certify that the information contained herein is true and complete to the heat of my knowledge and belief.  Name Ken Beardemphl Position Regulatory Coordinator Company Yates Petroleum Corporation Date 3/3/82  I hereby certify that the well location shown on this plat was plotted from field motes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL  HERSCHEL  HERSCHEL  Add Registered Professional Engineer and/or Land Surveyor  Copflittoite No.  | rorcea-poo         | uing, or o     | inerwise) (                              | or until a non- | standard un  | it, eliminatin                         | g such inter                          | ests, has been  | appro     | ved by the Commis-        |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Name  Ken Beardemphl  Position  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL  JONES  3640  Chilicate No.  Cophificate No.  | Sion.              |                |  | Saist           | ····         |  |                                       |                 |           |                           |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  WAN DAWN Name Ken Beardemphl Position Regulatory Coordinator Company Yates Petroleum Corporation Date 3/3/82  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  HERSCHEL JONES 3640  A 3640  Cophificate No.  Cophificate No.  |                    | <del>- \</del> |  |                 |              | ······································ |                                       | <del></del>     | CERT      | TIEICATION                |
| rained herein is true and complete to the best of my knowledge and belief.  **Normal Regulatory Coordinator**  Company Yates Petroleum Corporation**  Date 3/3/82  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  **HERSCHEL Output**  **Date Surveyed**  **L JONES** 3640  **Registered Professional Engineer and/or Land Surveyor**  **Continuous Surveyor**  **August Market Surveyor**  **August | _1                 | i`             | VPC.                                     |                 |              | i                                      |                                       |                 | CER       | HEICATION                 |
| tained herein is true and complete to the best of my knowledge and bellef.  Who Brailly  Name  Ken Beardemphl  Position  Regulatory Coordinator  Company  Yates Petroleum Corporation  Date  3/3/82  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and bellef.  HERSCHEL  L JONES  3-1-82  Registered Professional Engineer and/or Land Surveyor  Capitificate No.  Cophilicate No.  Cophilicate No.   | 6                  |                | NM-18                                    | 1031            |              | 1                                      |                                       |                 |           |                           |
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| JONES 3-1-82  Registered Professional Engineer and/or Land Surveyor  Certificate No.   | <b> </b>           | + -            |  |                 |              | - WE WEN                               |                                       | 41              |           |                           |
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| and/or Land Surveyor  Certificate No.  |                    | l<br>,         |  |                 |              |  |                                       |                 |           |                           |
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| Certificate No.  |                    |                |  |                 |              | To Sand                                |                                       | anavor Land     | Survey    |                           |
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Huckaby "TJ" Federal #2
660' FNL and 660' FWL
Section 19-T8S-R26E
Chaves County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with USGS requirements.

- 1. The geologic surface formation is \_\_\_\_sandy alluvium
- 2. The estimated tops of geologic markers are as follows:

| San Andres | 540 <b>'</b>  |  |
|------------|---------------|--|
| Glorieta   | 1690          |  |
| Fullerton  | 3160'         |  |
| Abo        | 3900 <b>'</b> |  |
| TD         | 4600'         |  |

3. The estimated depths as which anticipated water, oil or gas formations are expected to be encountered:

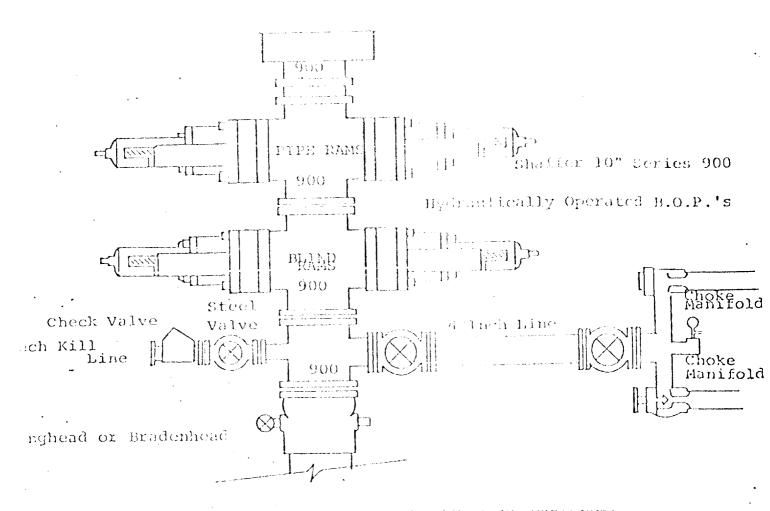
Water: Approximately 260'-330'

Oil or Gas: \_ Abo 3920'

- 4. Proposed Casing Program: See Form 9-331C.
- 5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
- 6. Mud Program: See Form 9-331C.
- 7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.
- 8. Testing, Logging and Coring Program:

| Samples: | Surface casing to TD.  |      |
|----------|--|------|
| DST's:   | As warranted.  |      |
| Coring:  | None anticipated.  |      |
| Logging: | CNL-FDC TD to casing w/GR-CNL on to surface and DLL from TD to casing with R | λx0. |

- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated starting date: As soon as possible after approval.



### FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTED REQUIREMENTS

All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.

Choke outlet to be a minimum of 4" diameter.

Kill line to be of all steel construction of 2" minimum diameter.

All connections from operating manifolds to preventers to be all steel.

hole or tube a minimum of one inch in diam ter.

The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.

Inside blowout preventer to be available on rig floor.

Operating controls located a safe distance from the rig floor. .

Hole must be kept filled on trips below theermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.

D. P. float must be installed and used below "one of first gas intrusion.

