| , | NN OIL CONS. | COMMISSION | | | |
|---|---|----------------------|------------------------------|--------------------|--|
| Form 9-331 C (May 1963) | Drawer D. Artesia, mm | 88210 | SUBMIT IN TR | | Form approved. Budget Bureau No. 42-B1425. |
| (14133 1803) | UNIT | ED STATES | (Other instruc reverse si | tions on de) 50 | -005-6-522 RECEIVED |
| | DEPARTMENT | | | Ĩ | 5. LMARE DESIGNATION AND SERIAL NO. |
| C/SF | | | ····· | ACK | NM 14983 APR 2 1982 |
| APPLICAI | ION FOR PERMIT T | U DRILL, DE | EPEN, OK PLUG B | | Q. C. D. |
| b. TYPE OF WELL | DRILL | DEEPEN 🗌 | PLUG BAC | ж 🗆 | 7. UNIT AGBREMENT NAME ARTESIA, OFFICE |
| OIL WELL | GAS A OTHER | | SINGLE MULTIPI ZONE ZONE | | 8. FARM OR LEASE NAME |
| 2. NAME OF OPERATO YATTES | PETROLEUM CORPORAT | TON 🖌 | | - | Monaghan "JY" Federal |
| 3. ADDRESS OF OPER. | | | | | 4 |
| 207 Sc 4. LOCATION OF WEL | outh 4th Street, Ar | tesian New M | exico 88210 | | 10. FIELD AND FOOL, OR WILDCAT Undesignated Pecos Slope ABO |
| | IL 1980 FWL | | | | 11. SBC., T., B., M., OR BLE. AND SURVEY OR AREA |
| At proposed proc | G. J. zone | | | | Sec. 21, T5S R24E |
| 14. DINTANCE IN MI | ILES AND DIRECTION FROM NEAR | EST TOWN OR POST J | BRWE ⁴ | 3.0 | 12. COUNTY OR PARISH 13. STATE |
| 15. DISTANCE FROM | | | 6. NO. OF ACRES IN LEASE | | Chaves NM |
| LOCATION TO NE PROPERTY OR LE (Also to desres | | 660 | | | 60 Acres |
| TO NEAREST WE | PROPOSED LOCATION* SLL, DRILLING, COMPLETED, ON THIS LEASE, FT. | | 9. FROPOSED DEPTH 4225 | 20. ROTAR Rota | IT OB GABLE TOOLA |
| | w whether DF, RT, GR, etc.) | I | | | 22. APPROX. DATE WORK WILL START* |
| 4004.L | | | | | ASAP |
| | | | AND CEMENTING PROGRA | AM | |
| size of hole 15" | 10 3/4 | 40.5# J-55 | Approx. 920 | 75 | QUANTITY OF CEMENT O Sx Circulated |
| 7 7/8 | 3" 4 1/2 or $5 1/2"$ | 10.5 or 15. | 5# TD 4225 | | 0 Sx |
| We pro | ppose drill and tes | t the ABO ar | nd intermediate for | rmation | s. Approximately 920' |
| of su | rface casing will b | e set and ce | ement circulated to | o shut | off gravel and caving. |
| | eded (lost circulat ted with enough cem | | | | be run to 1500' and surface casing. |
| | | | | | ommercial, production |
| | g will be run and c I for production. | emented with | a adequate cover, | periora | te, and stimulate as |
| ס הווא | HOGFAM: FW gel and | ICM +- 1500 | \mathbf{R} | • Dani | anak and Stanch to TD |
| HOD TA | MW 9.6 - 1 | 0, Vis. 29 - | -34, WL 14 - 7. | - D11 | spak and Starch to TD. tested daily. Noted ID- API & DL book H-9-67 |
| BOP PI | ROGRAM: BOP'S will | he installe | ed in 10 3/4" casi | ng and | tested daily of all book |
| | DOI 5 WIII | De TIP (GITE | | ING GUINT | rester warry. Not nu |
| GAS NO | OT DEDICATED: | | | | APL 9-87 |
| IN ABOVE SPACE DES | SURIBE PROPOSED PROGRAM : If I | roposal is to deepen | or plug back, give data on p | resent produ | uctive some and proposed new productive |
| | is to drill or deepen directiona | | | | and true vertical depths. Give blowout |
| 24. | | | 41 - RA. | | |
| 8IGNED | | TITI.¥ | Regulatory Manage | r | March 15, 1982 |
| (This space for | Federal or State office use) | | | h | |
| PERMIT NO | APPROVED | | | | · · · · · · |
| APPROVED BY _ | 1475 Ssd.) GEURGE | H. STEWART | | | DATE |
| CONDITIONS OF | APR: 1 1982 | | | | |
| | FOR JAMES A. GILLHAN | | | | |
| | DISTRICT SUPERVISO | | | | |

NEW MEXICO OIL CUNSERVATION COMMISSION * 1 L.LOCATION AND ACREAGE DEDICATION PLAT

•

:

Perm C-102 Supersedes C+128 Effective 1-1-55

| | АП савание на та | at be from the outer boundaries of | the Section | |
|---------------------------------------|--|--|--|---|
| · · · · · · · · · · · · · · · · · · · | ERM CORPORATION | Lear Monaghan "QY" | | Well No. 4 |
| Ubar Letter Se C | 21 Two hip 21 South | 24 East | Chavs | |
| Actual Folitage Locatic 860 - | | | | , t |
| GeomerLyver Elev. 4001.4 | Abo | ered 1980 to | | Dedicated Acreage: |
| | creage dedicated to the subje | Pecos Slope A | | 160 Acrus |
| | one lease is dedicated to the | | | · · · · |
| 3. If more than a dated by com | one lease of different ownershi munitization, unitization, force- | p is dedicated to the well, pooling.etc? | have the interests of | all owners been consoli- |
| [_] Yes [_] |] No — If answer is "yes," t | ype of consolidation | | |
| If answer is ' this form if - | "no," list the owners and tract cessary.) | descriptions which have a | ctually been consolid | ated. (Use reverse side of |
| No allowable | will be assigned to the well unt g of otherwise) or until a non-str | il all interests have been undard unit, eliminating suc | consolidated (by com th interests, has been | munitization, unitization, approved by the Commis- |
| | | | | CERTIFICATION |
| 1930' | | | tained he | certify that the Information con- rein is true and complete to the y knowledge and before. Brandly |
| YPC NM -14183 | | | Company | rdemph] ory Coordinator etroleum Corporation |
| | | MERCENER OI 1982 | BY Date Survey Marc | APYL JOANNI locotion this old the splotted from field auge wiston, and that it is some and council to the bit of my and belief. |
| 0 330 660 190 | 1320 1050 1960 :310 2040 | | Certificate N | No. 7977 |



| Drawer DD TES | Horm Apprixed. Dis Ret Bureau No. 42, 81424 | | |
|---|--|--|--|
| Artesia, MA 1882. TES DEPARTMENT OF THE INTERIOR | 5. TEASE | | |
| GEOLOGICAL SURVEY | M 14983 6. IF INDIAN, ALLOTTEE OR TRIBE NAME RECEIVED | | |
| SUNDRY NOTICES AND REPORTS ON WELLS | 7. UNIT AGRELMENT NAME APR 2 1982 | | |
| reservoir. Use Form 9-331-C for such processals ; | 8. FARM OR I LASE NAME | | |
| 1. oil [] gas well ther | Monaghan "QY" Federal O. C. D. 9. WILL NO. ARTESIA, OFFICE | | |
| 2. NAME OF OPERATOR | 4 | | |
| Yates Petroleum Corporation V 3. ADDRESS OF OPERATOR 207 S. 4th, Artesia, New Mexico 88210 4. LOCATION OF WELL PRISON A MEXICO 88210 | 10. THED OR WILDCAT NAME Undes. Pecos Slope Abo 11. SEC. T. R. M. OR BLK AND SURVEY OR | | |
| 4. FOCATION OF WELL (REFORE LOCATION CLEARLY, See Space 17 below.) AT SURFACE: S60' FNL and 1980' FEL | AREA Sec. 21-T5S-R24E 12. COUNTY OR PARISH' 13. STATE | | |
| AT TOP PROD. INTERVAL: AF TOTAL DEPTH: Same | Chaves NM 14. APENO | | |
| 16. CHECK APPROPRIATE BOX 10 INFICATE NATURE OF NOTICE, | 14. APLINU. | | |
| REPORT, OR OTHER DATA | 15. ELEVATIONS (SHOW DE, KDB, AND WD) | | |
| REQUEST FOR APPROVAL TO: SUESECULINT REPORT OF | 4001.4 | | |
| EST WATER SHUT OFF | | | |
| PULL OR ALTER CASING CONTRACTOR OF THE COMPLETE COMPLETE COMPLETE CONTRACTOR OF THE | (401E: Report results of multiple completion or zone change on Form 9-330.) | | |
| when change location | | | |
| | | | |
| 7. DESCRIEF PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of stating any proposed work. If well is d newspaced and true vertical depths for all markers and zones pertiber change location from: 660' FNL and 1980' FW | nt chonaity drated, give subsurface lecations and in the this work.)* | | |
| neasured and true vertical depths for all markers and zones pertiner | All Chomany andled, give subsurface locations and the to this work.)* | | |
| change location from: 660' FNL and 1980' FW | IL . | | |
| neasized and true vertical depths for all markers and zones pertiner change location from: 660' FNL and 1980' FW to: So0' FNL and 1980' FW Location being moved upon archaeologist's re | All Chomany andled, give subsurface locations and AL. AL. AL. AL. D. C. C. S. SURVEY ON C. C. S. SURVEY ON C. C. S. SURVEY ON C. C. S. SURVEY ON C. C. S. SURVEY C. S. SURVEY U. S. SURVEY | | |
| change location from: 660' FNL and 1989' FW to: So0' FNL and 1989' FW to: So0' FNL and 1989' FW Location being moved upon archaeologist's re subsurface Safety Valve: Manu, and Type 8. (1) Nethering fracting for the and correct | All Chomany andled, give subsurface locations and the to this work.)* | | |
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W MEXICO OIL CONSERVATION COMMIS IN WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | All distances must be I | rom the outer boundaries | of the Section. | |
|--|---|--|--|--|--|
| Operator | | | Lease | | Well No. |
| | PETROLEUM CO | RPORATION | | "QY" Federal | 4 |
| Unit Letter | Section | Township | Hange 24 | County | |
| C | 21 | 5 South | 25 East | Chaves | S |
| Actual Footage Loc | | | 1000 | | |
| 660 Ground Level Elev. | feet from the Producing For | North line and | 1980 | feet from the West | |
| 4004.4' | Abo | indition | Undes. Pecos | Slope Abo | Dedicated Acreage: 160 |
| | | · · · · · · · · · · · · · · · · · · · | | | Actes |
| 2. If more th interest ar | an one lease is nd royalty). | | l, outline each and i | dentify the owners | nip thereof (both as to working |
| dated by c []]Yes If answer this form i | ommunitization, u No If an is "no," list the f necessary.) | nitization, force-pooli nswer is "yes," type o owners and tract desc | ng. eto? f consolidation riptions which have | actually been cons | communitization, unitization, |
| forced-pool sion. | ling, or otherwise) | or until a non-standar | d unit, eliminating s | uch interests, has 1 | CERTIFICATION |
| 19 4 Pe NM149 | 80' | | | Glis Poeiti Regu Compa | reby certify that the information con- ed herein is true and complete to the of my knowledge and belief. Serio Rodriguez on ilatory Manager my es Petroleum Corporation |
| | | | E A | Arrow Include Inclu | and the set of the set |
| 0 330 600 1 | 90 1320 1650 1980 | 6 2310 2840 2000 | 1500 1000 | | cate No. 7977 |

2000 1500

500

1000

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

Yates Petroleum Corporation Monaghan "JY" Federal #4 660 FNL & 1980 FWL Section 21, T5S R24E Chaves County, New Mexico

In conjunction with Form 9 - 331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten (10) 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 | - 551 | Fullerton | 2929 |
|------------|-------|----------------|------|
| Glorieta | 1523 | \mathbf{T} D | 4225 |
| Аро | 3539 | | |

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

Water: Approximately 200' - 250' Oil or Gas Abo 3560'

- 4. Proposed Casing Program: See Form 9 331C.
- 5. Proposed Control Equipment: See Form 9 -331C.
- 6. Mud Program: See Form 9 331C and Exhibit B.
- 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. Logging: Surface casing to TD. Coring: CNL - FDC TD to casing with GR - CNL on to surface and DLL from TD to casing.

9. No abnormal pressures or temperatures are anticipated.

10. Anticipated starting date: As soon as possible after approval.



FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual cont 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 diameter.
- 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 equivato 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.
- . Nole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
- J. D. P. float must be installed and used below zone of first gas intrust