∞ . - 1 104 - F WESTERN DIVISION OFFICE • WALL EQUERS WEST - MIDLAND, TEXAS • PHONE (915) 682-7316 MAILING ADDRESS: P. O. DRAWER 1828 ZOIL UNITED, Inc. May 6, 1971 **Oil Conservation Commission** State of New Mexico P. 0. Box 2088 Santa Fe, New Mexico 87501 ATTENTION: Mr. A. L. Porter, Jr. Secretary-Director Re: Aid State No. 1 Undesignated Morrow Gas Pool 660 FNL & 660 FEL of Section 24, T-17-S, R-28-E, Eddy Co., N. M.

S S S

Gentlemen:

Pennzoil United, Inc. hereby seeks the approval of the Oil Conservation Commission for an unorthodox location for the subject well, under the provisions of Rule 104 of the Commission's Rules and Regulations.

This well was originally drilled by Inexco Oil Company to a total depth of 9050 feet in the Canyon section of the Pennsylvanian formation. The well was plugged on January 19, 1971. The well is at an orthodox location for completion as an oil well in the Canyon section.

Pennzoil United, Inc. re-entered the well on February 26, 1971. The well was cleaned out and deepened to 10,796 feet. The well has been completed as a Morrow gas well from perforations at 10,608-10,707 feet. On test the well produced 2,421 MCFPD plus 18 BCPMMCF, FTP 575 psi, SITP 3112 psi. The calculated open flow potential was determined to be 2,496 MCFPD.

In accordance with Rule 104, attached is a plat showing the proposed proration unit for this well and the ownership of the offsetting leases. Also, attached are copies of Oil Conservation Commission Forms C-101, C-103, C-105, C-122 and C-123 which were filed in connection with this well.

The following offset operators have been furnished a copy of this application:

General American Oil Company S. P. Yates Inexco Oil Company Humble Oil and Refining Company Continental Oil Company Oil Conservation Commission State of New Mexico May 6, 1971 Page 2

It is respectfully requested that this application be approved.

Yours very truly,

PENNZOIL UNITED, INC. Western Division

Sunclair art

B. C. Sinclair Petroleum Engineer

BCS:tb Attachments:

REQUEST FOR THE EXTENSION OF AN EXISTING POOL Ξ :

OR

THE CREATION OF A NEW POOL

| TO: The | Oil Conservation State of New | | X | | | Date | <u>April 22,</u> | ····· | , 19. 7.] |
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| The | Pennzoil | United, In | c. | | | ************************************ | -State | | |
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| 1-A Well No | Located | | et from | the | North | | line and | 660 | feet |
| 6 | Fast | 1 | | 24 | ····· | 17 - S | | 28-E | |
| trom the | | | e or | Section | ••••• | Township | •••••••••• | Range | |
| | • | | • | | ibed area | N/2, Sectio | n 24, Townsh | ip 17-S | 9 |
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| Suggested | name; | | uua | ••••••••• | | United, Inc. | | | ····· |
| Name of P | roducing Form | nation: <u>Mor</u> | row | | 2.1 | Ray | rev | • • | |
| | | · · · · · · · · · · · · · · · · · · · | | J. | C. Raney | Represe | entative Petrol | eum Eng | ineer |
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(Form C-123) vised 7/1/52)

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| U.S.G.S. | | | | | | | | | 5. Stor | • | Gas Lease No. |
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| 3. Address of Operator | -: ,, | | | | | | | · · · · · | 10. F1 | eld and l | Pool, or Wildcat |
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| 28. | | | CAS | SING RECO | RD (Repo | ort all strin | ngs set ir | well) | ······ | | |
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| 10,699 - 10 | ,/0/ 8 | - 10 | notes | 44 | | | | L | | | |
| 33. Date First Production | Prod | uction Me | ethod (Flo | wing, gas li | | UCTION | and type | | Well | Status (| Prod. or Shut-in) |
| 3-23-71 | | | | See att | | | | | | • | t-in |
| Date of Test | Hours Tested | | oke Size | Prod'n. | For | Сіі – ВЫ. | | Jas – MCF | Water - Bb | | Gas - Oil Ratio |
| 4- 2-71 | 4 | Va | rious | Test Pe | rlod | | 1 | | | | |
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| . X | · · | Ho | ur Rate | >. · | | | | | | | |
| 34. Disposition of Gas (| Sold, used for fu | el, vente | ed, etc.) | | · · · · · | | ····· | I | Test Witnes | ised By | |
| · | Vented | duri | <u>ng of</u> f | icial 4 | -poin | <u>t te</u> st | | | Lloyd | 1 Murp | ohy |
| 35. List of Attachments | | | | | | | : | | * | | |
| DST Data, I | <u>ogs, Devi</u> | ation | Surve | y, Form | 1 C-1 2 | 2, For | m C-1 | 05 | · · · · · · · · · · · · · · · · · · · | <u> </u> | |
| 36. I hereby certify that | the information | on or | i both side | es of this fo | rm is tru | e and comp | olete to t | he best of my | knowledge and | belief. | |
| $\backslash l$ | 1 Ar | | | | | Dotum - 7 | | | | | |
| SIGNED - | Cze 110. | an | Ny | | LE | retrole | eum Ei | ngineer | DATE | | -8-71 |

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tosts conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

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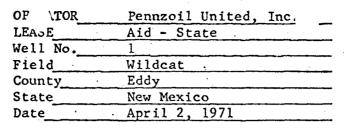
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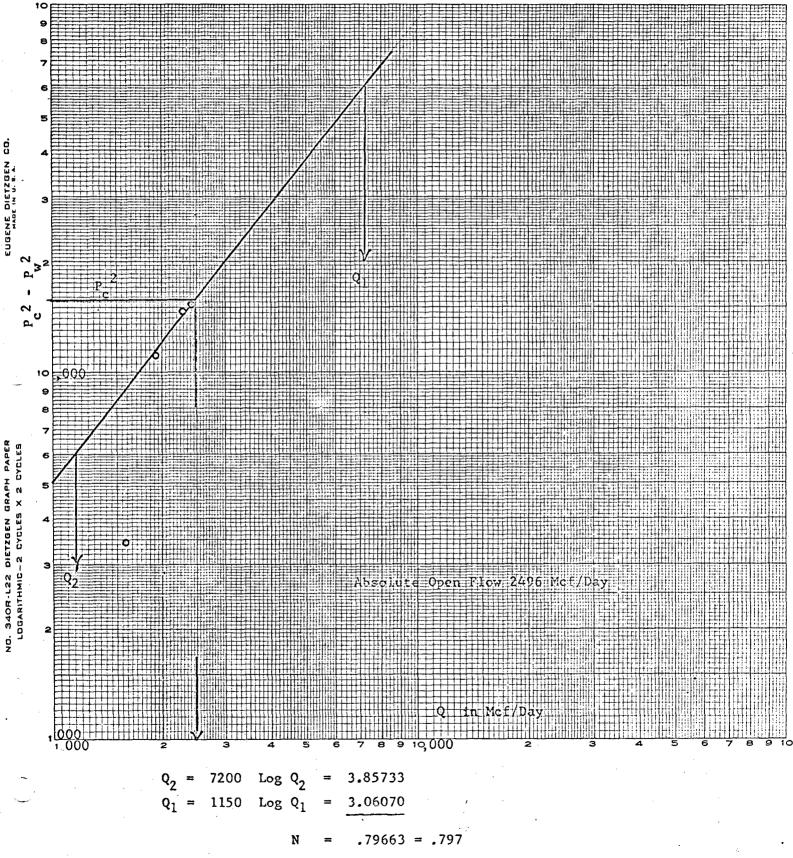
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MEXICO OIL CONSERVATION COMM ON

Form C-122 Revised 9-1-65

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PENNZOIL UNITED, INC.

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TAY

AID STATE NO. 1 660 FNL & FEL OF SEC. 24, T-17-S, R-28-E EDDY COUNTY, NEW MEXICO

DRILL STEM DATA:

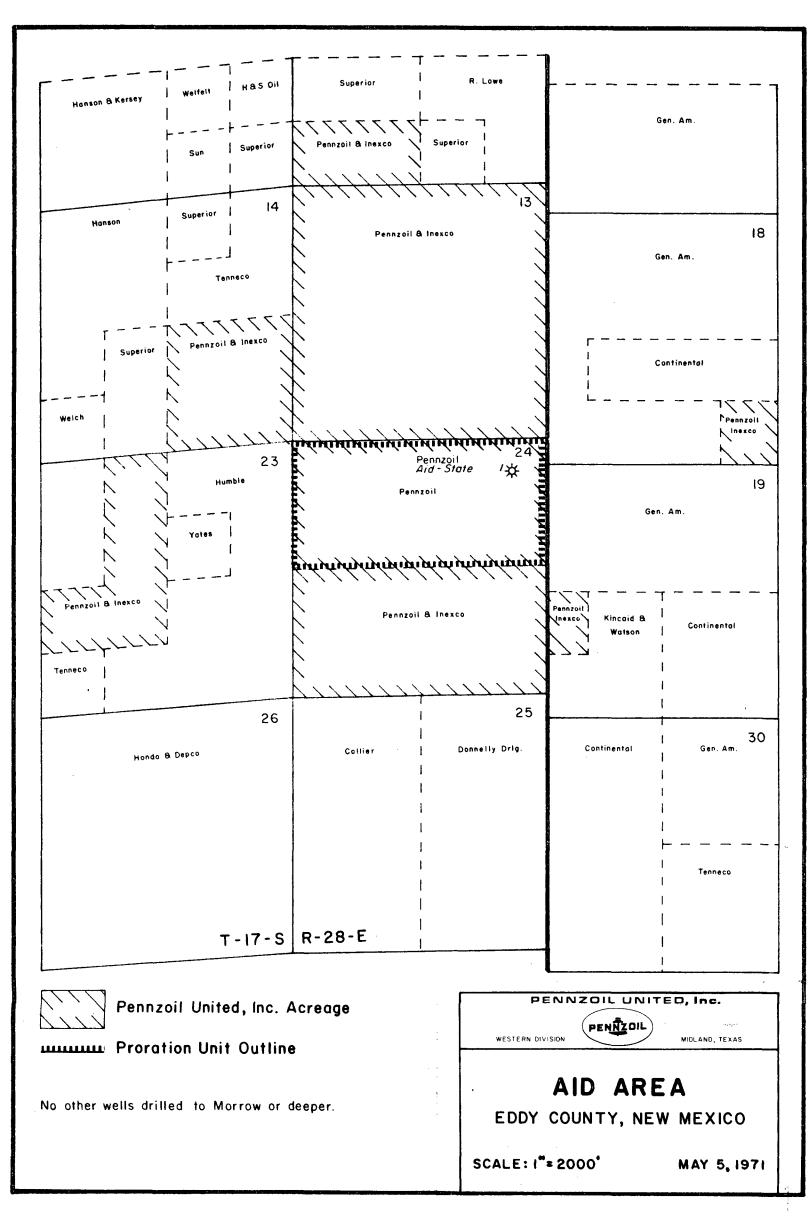
DST #1 10,309-400'; Morrow - 30" pre-flow, weak blow increased to good 5 min - decreased after 15 min to weak; 1 hr 30 min ISIP - 1 hr 30 min FF - very weak blow throughout; 2 1/2 hr FSIP; recovered 60' sli GCØM w/tr. dead oil; Sample chamber contained 80#; .5 CFGno fluid; HPI 5076# - HPO 5064#; IF 94# - FF 94#; ISIP 151#; FSIP 207#; BHT 166 degrees

DST #2 10,633-663'; Morrow - 30" pre-flow, strong blow; GTS 7 min on 1/2" ck, TP 375#; G.V. 2.5 MMCFGPD; 1 hr 30 min ISIP - 2 hr FF, 5/8" ck - TP 775#; G.V. 7.5 MMCFPD w/strong spray of distillate after 1 hr 30 min on final flow, no gauge on dist. - 4 hr FSIP -R.O. undetermined amount of dist. & gas cut mud; Spl. chamber had 1450# pressure, 8.2 CFG, no liquids; HPI 5342# - HPO 5080#; IF 736#, FF 1427#; ISIP 4357#; FSIP 4405#; BHT 145 degrees

Str. Pkr DST #3 6970-7066'; Abo - 30" pre-flow, fair blow; 2 hr ISI 2 hr FF, fair blow decreased to weak - no gas to surface; 4 hr FSIP; rec 5650' of salt water (18,000 ppm) - Sample chamber had 200# press. & 2360cc salt water; HPI & HPO 3376#; IF 137# - FF 2413# - ISIP 2601# FSIP 2601# - Went in hole & circulated & conditioned mud -

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| and the second | OTHER+ | | | |
| Name of Operator | • | | | 8. Form or Lease Name |
| • | Pennzoil United. | . Inc. | | Aid State |
| Address of Operator | | | | 9. Well Nc. |
| | D O Dyaway 193 | 28 - Midland Toys | 70701 | 1 |
| Location of Well | P. U. Drawer Toz | <u> 28 - Midland, Texas</u> | | 1 10. Field and Pool, or Wildzat |
| Location of well | | | | • |
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| NO. OF COPIES RECEIVED 4 | Form C-103 |
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| DISTRIBUTION | Supersedes Old C-102 and C-103 |
| SANTA FE // NEW MEXICO OIL CONSERVATION COMMISSION | Effective 1-1-65 |
| FILE // | |
| u.s.g.s. MAR 3 0 1971 | J Sa. Indicate Type of Lease |
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| | |
| OPERATOR 2. T | 5. State Oil & Gas Lease No. |
| ARTICL | <u> </u> |
| SUNDRY NOTICES AND REPORTS ON WELLS | |
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DELPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | |
| | 7. Unit Agreement Name |
| | |
| | |
| , Name of Operator | 8. Form or Lease Name |
| Pennzoil United, Inc. | Aid State |
| . Address of Operator | 9. Well No. |
| P. O. Drawer 1828 - Midland, Texas 79701 | |
| Location of Well | 10, Field and Pool, or Wildzat |
| | |
| UNIT LETTER A 660 FEET FROM THE NORth LINE AND 660 FEET F | Wildcat |
| | |
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| THE LINE, SECTION TOWNSHIP TOWNSHIP RANGE LUTL NN | 18M: ()))))))))))))))))))))))))))))))))))) |
| 15. Elevation (Show whether DF, RT, GR, etc.) | 12. County |
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| PERFORM REMEDIAL WORK | ALTERING CASING |
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| 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, incluwork) SEE RULE 1103. Drilled 7 7/8" hole to 10.796'. Ran logs - Ran 2037' of 5 | 1/2" OD 20# N 20 |
| 7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, incluwork) SEE RULE 1103. | 1/2" OD 20# N 20 |
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