## EXHIBIT "A"

| WELL NAME                     | LOCATION           | METERING POINT     |
|-------------------------------|--------------------|--------------------|
| Allison "CQ"<br>Federal No. 8 | Unit I, 14-19S-24E | Unit B, 14-19S-24E |
| Chumbley "XS"<br>Com No. 1    | Unit G, 8-18S-26E  | Unit E, 8-18S-26E  |
| Cole "AAE"<br>Com No. 1       | Unit J, 5-18S-26E  | Unit L, 5-18S-26E  |
| Dragonfly State<br>Unit No. 1 | Unit D, 30-9S-27E  | Unit C, 19-9s-27E  |
| Eng "TX"<br>Federal No. 1     | Unit E, 35-19S-24E | Unit O, 27-19S-24E |
| Estelle "TA" Fed<br>Com No. 1 |                    | Unit F, 31-17S-27E |
| Estoril "YZ"<br>Federal No. 1 | Unit I, 34-4S-24E  | Unit D, 2-5S-24E   |
| Federal "AB"<br>No. 7         | Unit E, 9-18S-25E  | Unit B, 8-18S-25E  |
| Federal "HY"<br>No. 6         | Unit A, 28-7S-25E  | Unit I, 21-7S-25E  |
| Merchant "XT"<br>Com No. 1    | Unit A, 12-18S-25E | Unit B, 7-18S-26E  |
| Sylvester "ABC"<br>Com No. 1  | Unit P, 8-18S-25E  | Unit B, 8-18S-25E  |
| Thomas "LN"<br>Federal No. 7  | Unit D, 29-6S-25E  | Unit M, 20-6S-25E  |
| Torrington "ZK" Com No. 1     | Unit J, 8-18S-26E  | Unit E, 8-18S-26E  |
| Ultra "UA"<br>State No. 1     | Unit E, 32-9S-26E  | Unit K, 31-9S-26E  |



Exhibit 3

S. P. YATES
PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. • TREAS.

105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471

February 15, 1988

State Land Office P. O. Box 1148 Santa Fe, New Mexico 87504

ATTN: Floyd Prando

RE: Off-Lease Measurement

Dear Mr. Prando:

This letter is an application for approval of off-lease measurement for the following two gas wells in Chaves County, New Mexico:

Dragonfly State Unit #1
 D 30-9S-27E
 Ultra "UA" State #1
 E 32-9S-26E.

You recall that I promised last week to let you know early in the planning stage about any future gas connections involving off-lease measurement of State minerals. Yates hopes to connect the Dragonfly State Unit #1 and the Ultra "UA" State #1 during March of 1988. Right now, Yates plans no other connections this Spring involving off-lease measurement of State minerals.

I think a little background information would help the people in your office understand our current situation. You, of course, know that the gas pipelines have refused to connect new wells in recent years because of the oversupply of natural In late 1987, Yates reached an agreement with Transwestern Pipeline Company whereby Transwestern would connect Yates wells if Yates would lay lines to an existing Transwestern lateral. In January, Yates started a project to connect 83 shutin gas wells under this agreement. Many of the wells have been waiting on a connection since 1981, 1982 or 1983. Yates is asking the regulatory authorities for off-lease measurement approval on 33 of the wells where no existing pipeline lateral enters the lease. Only three of the wells requiring off-lease measurement involve State minerals. These wells are the Sandlewood "AEW" State #1 that we discussed last week plus the two wells that are the subject of this letter. Bureau of Land Management and the New Mexico Oil Conservation Division gave approval for off-lease measurement of natural gas under similar circumstances for a group of wells in 1983 and these same two agencies have accepted off-lease measurement for the first set of ten wells submitted in 1988.

Floyd Prando February 15, 1988 -2-

The plan for the Dragonfly State Unit #1 and the Ultra "UA" State #1 is that Transwestern will install a separate meter for each well at the closest point on its present system and Yates will lay lines from the wells to these TW meter stations. Transwestern employees will do the actual metering of the natural gas produced and there will be no comingling of any gas prior to measurement by Transwestern. Yates will obtain all necessary rights-of-way before installing the flowlines. In fact, the right-of-way for the Dragonfly State Unit #1 was already obtained before our discussion last week. Except for off-lease gas measurement, all facets of production handling will remain the same as for existing wells in the area. Any condensate produced will be separated, stored, measured and sold at the wellsite. Yates agrees that any leaks or breaks between the wellhead and the point of measurement will be borne by the operator and royalty will be based on the preceeding 30-day average rate.

Attachment 1 shows the route of the flowline from the Dragonfly State Unit #1 in the NW/4 NW/4 of Section 30-9S-27E north to the point of off-lease gas measurement in the NE/4 NW/4 of Section 19 near the location of the Elk Oil Viking State #1. Likewise, Attachment 2 shows the flowline route from the Ultra "UA" State #1 in the SW/4 NW/4 of Section 32-9S-26E west to the off-lease measurement point near the McClellan Federal "MM" #1 in the NE/4 SW/4 of Section 31. Existing Transwestern laterals reach the Elk Viking State #1 and the McClellan Federal "MM" #1.

This request for off-lease measurement approval is based on economic considerations. There is no hope that the pipeline will extend its laterals to these wells in the near future. Our only real option is to install a duplicate meter on the flowline near the wellsite so that two meters (one on-lease and one off-lease) measure the same gas. This economic waste would be relatively minor for a well with high productivity. However, the initial potential of the Dragonfly State Unit #1 is only 630 Mcf per day and the potential of the Ultra "UA" State #1 is even lower at 343 Mcf per day. In this area, wells produce at about 30 percent of their potential rates. In today's gas market, these marginal wells will require 6 to 12 months to pay for the connection costs. The extra expense for a duplicate meter (about \$5000) makes the economics of connecting the wells rather poor, especially for the Ultra "UA" State #1 which has been shutin since 1982. These wells must produce gas in order to generate any revenue for anyone. Production from the wells obviously benefits the owners of the wells, but the public shares the direct benefits through government royalties and production taxes.

I personally feel that off-lease measurement has proved to be a successful way to help sell New Mexico gas from Federal and fee leases. It can work on State leases

Floyd Prando February 15, 1988 -3-

also if given a chance. If you feel you should reject this application, please give us a chance to talk in person at your Santa Fe office before the rejection is made final.

Thank you for taking the time to consider this request.

Sincerely,

DAVID F. BONEAU

Engineering Manager

Boneau

DFB/cvg

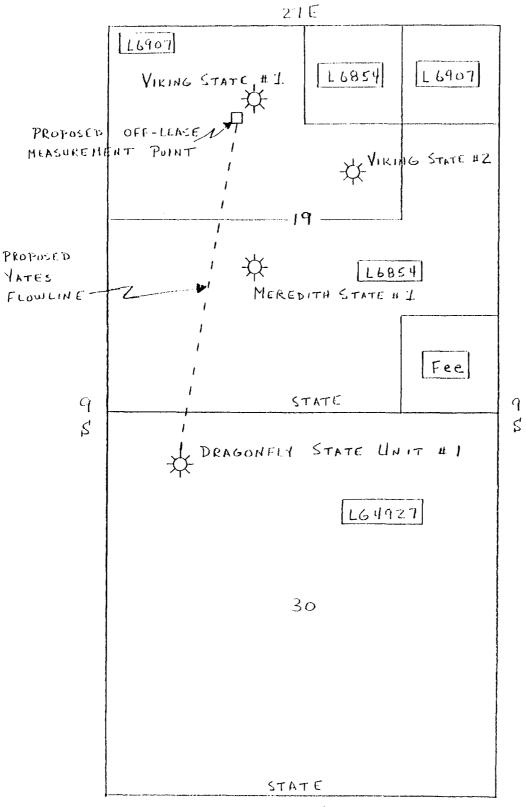
Attachments

xc: Randy Patterson

Mike Slater

## DRAGONFLY STATE UNIT #1

# ATTACHMENT 1 OFF-LEAST MEASUREMENT



27 E

7458 97 651 97 16 5079 16 5079 LTED UA STATE # I 763345 775857 # MEASUREMENT STATE 163347 ATTACHMENT 2 26 E - PROPOSED OFF-LEASE MEASUREMENT POINT A L FLOWLINE PROPOSED YATES OFF-LEASE € McCREA FEDERAL # 1 SAN ANDRES OIL LITRA 3 FEDERAL MM #3 FEDERAL MM # 14 FEDERAL XIIS KEXIGO 0 0 0 0 0 0

26 E

0- W



Exhibit 4

S. P. YATES
PRESIDENT

JOHN A. YATES
VICE PRESIDENT

B. W. HARPER
SEC. - TREAS.

105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471

February 22, 1988

Bureau of Land Management P. O. Drawer 1857 Roswell, New Mexico 88201

ATTN: Peter Chester

RE: Off-Lease Measurement

Dear Mr. Chester:

Yates Petroleum asks that you approve the enclosed applications for off-lease measurement of Federal minerals from eight gas wells in Chaves and Eddy Counties, New Mexico. The eight wells are:

| 1. | Allison "CQ" Federal #8     | I 14-19S-24E | Eddy County   |
|----|-----------------------------|--------------|---------------|
| 2. | Eng "TX" Federal #1         | E 35-19S-24E | Eddy County   |
| 3. | Estelle "TA" Federal Com #1 | N 21-17S-27E | Eddy County   |
| 4. | Estoril "YZ" Federal #1     | I 34- 4S-24E | Chaves County |
| 5. | Federal "AB" #7             | E 9-18S-25E  | Eddy County   |
| 6. | Federal "HY" #6             | A 28- 7S-25E | Chaves County |
| 7. | Sylvester "ABC" Com #1      | P 8-18S-25E  | Eddy County   |
| 8. | Thomas "LN" Federal #7      | D 29- 6S-25E | Chaves County |
|    |                             |              |               |

In January, Yates began a project to connect about 85 wells to the pipeline under an agreement with Transwestern. It looks right now like 21 of the wells will require Federal approval for off-lease measurement. My letter of January 7, 1988, applied for off-lease measurement approval on seven of the wells. This letter asks for similar BLM approval on eight additional wells. I will send a letter on the remaining six or so wells as soon as the flowline routes are set and the papers can be prepared.

As you know, Transwestern Pipeline Company recently agreed to transport gas from Yates wells provided Yates delivers the gas to existing Transwestern pipeline facilities. Transwestern will provide pipeline taps and metering equipment for gas sales while Yates will lay gathering lines from the wells to the Transwestern metering stations. In some cases, the Transwestern meter is located on a nearby lease and it will be necessary to take the gas off-lease for sales measurement. This is the situation for the eight wells listed above. All necessary rights-of-way will be obtained before installation of the gathering lines. Yates agrees that any leaks or breaks between the wellhead and point of measurement will be borne by the operator and royalty will be based on the preceeding 30-day average rate.

Peter Chester February 22, 1988 -2-

Except for off-lease gas measurement, all other facets of production handling will remain the same as for existing wells nearby. Any condensate produced will be separated, stored, measured and sold at the wellsite. Transwestern employees will read and maintain the off-lease metering equipment.

Attached as part of these applications for approval of off-lease measurement are:

- 1. Table 1 -- Basic Data on Each Well
- 2. Table 2 -- Leases Involved in Each Well
- 3. Figure 1 -- Schematic Diagram of Production Equipment
- 4. Sundry Notice and map for each well

Please notice that Figure 1 is only a general diagram showing the types of equipment that will be located at the wellsite and at the off-lease metering stations. Figure 1 is not intended to be a site security diagram. Yates prepares site security diagrams when the actual installations are made so that the site security diagrams can be accurate for each well. The BLM will receive site security diagrams for these wells, but they are not included with this application.

I ask that your office send Yates a signed copy of each Sundry Notice to signify your approval of these applications for off-lease measurement.

You should approve these applications because of economic conditions. The proposed arrangement is a good compromise that has worked for some Yates wells since 1983. Production of gas from these wells benefits the operator, the pipeline, the royalty owners, the taxing authorities and the public. I believe off-lease measurement is a proven way to handle a serious problem with shutin production in southeast New Mexico. Yates Petroleum Corporation respectfully requests your approval of these applications.

Please call me if you need further information.

Sincerely,

DAVID F. BONEAU

Engineering Manager

ave Boreau

DFB/td

Attachments

Table 1

Summary of Basic Data on Wells Requiring Off-Lease Measurement

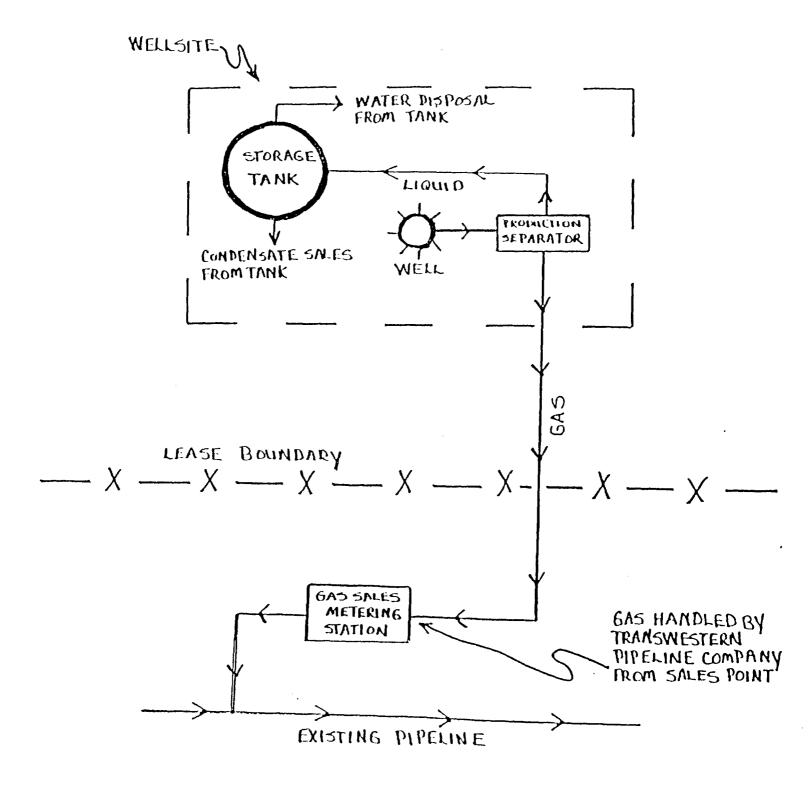
|            | Well                        | Spacing Unit    | Lease (s)                                     | Measurement<br>Point | Completion<br>Date | Potential<br>Mcf/D | Producing<br>Formation | Perforation<br>(Feet) |
|------------|-----------------------------|-----------------|---|----------------------|--------------------|--------------------|------------------------|-----------------------|
| ÷          | Allison "CQ" Federal #8     | S/2 14-19S-24E  | 40A Fee<br>280A NM 14118                      | NW/4 NE/4 14-19S-24E | 11-22-82           | 1439               | Morrow                 | 8903-8938             |
|            | Eng "TX" Federal #1         | W/2 35-19S-24E  | 80A NM 26864<br>80A NM 51828<br>160A NM 25865 | SW/4 SE/4 27-19S-24E | 09-28-82           | 1100               | Morrow                 | 8988–9024             |
| m<br>m     | Estelle "TA" Federal Com #1 | S/2 21-17S-27E  | 40A NM 29628<br>80A 025527<br>200A NM 12960   | SE/4 NW/4 31-17S-27E | 10-03-82           | 1960               | Morrow                 | 9083–9097             |
| 4          | Estoril "YZ" Federal #1     | SE/4 34- 4S-24E | 40A NM 30390<br>40A NM 20930<br>80A NM 30880  | NW/4 NW/4 2- 5S-24E  | 06-01-84           | 630                | АЬо                    | 3582-3860             |
| ٠ <u>٠</u> | Federal "AB" #7             | N/2 9-18S-25E   | 40A NM 16323<br>80A 0487738<br>200A Fee       | NW/4 NE/4 8-18S-25E  | 04-21-81           | 500                | Atoka                  | 8240-8330             |
| .9         | Federal "HY" #6             | NE/4 28- 7S-25E | 160A NM 2351                                  | NE/4 SE/4 21- 7S-25E | 02-28-83           | 180                | Abo                    | 3603-3955             |
|            | Sylvester "ABC" Com #1      | S/2 8-18S-25E   | 80A 0471842<br>80A 0487738<br>160A Fee        | NW/4 NE/4 8-18S-25E  | 03-15-85           | 1014               | Morrow                 | 8393-8436             |
| ∞          | Thomas "LN" Federal #7      | NW/4 29- 6S-25E | 160A NM 10263                                 | SW/4 SW/4 20- 6S-25E | 04-04-83           | 522                | Abo                    | 3480-3732             |

Table 2

Summary of Lands Involved in Off-Lease Measurement

| Leases Outside<br>Spacing Unit<br>Crossed by Flowline | None                       | None                         | Fee<br>Federal NN. 20352<br>Federal 064050<br>Federal 026874<br>Federal 055383<br>Federal NN. 54395 | Federal NM 30880<br>(outside szacing unit) | None                                | None                      | None  | None                      |
|---|----------------------------|------------------------------|---|--|-------------------------------------|---------------------------|---|---------------------------|
| Lease Containing<br>Measurement Point                 |                            | Federal NM 12246             | Federal 027947  | State LG 563                               | Federal 0471842                     | Federal NM 28304          | Federal 0471842                               | ъ<br>е<br>е               |
| Other Leases in<br>Same Spacing Unit                  | 40A Fee                    | 80A NM 26864<br>80A NM 51828 | 80A Fed 025527<br>40A NM 29628  | 80A NM 30880<br>40A NM 20930               | 160A Fee<br>40A Fee<br>40A NM 16323 | None                      | 80A Fee<br>80A Fed 0471842<br>80A Fed 0487738 | None                      |
| Lease Containing<br>Subject Well                      | Federal NM 14118           | Federal NM 25865             | Federal NM 12960  | Federal NM 30390                           | Federal 0487738                     | Federal NM 2351           | با<br>ف<br>ف                                  | Federal NM 10263          |
| Location  | 1980s + 990E<br>14-19S-24E | 2535N + 584W<br>35-19S-24E   | 660S + 2310W<br>21-17S-27E  | 1980s + 660E<br>34- 4S-24E                 | 1980N + 660W<br>9-18S-25E           | 660N + 660E<br>28- 7s-25E | 660s + 660E<br>8-18S-25E                      | 660N + 660W<br>29- 6S-25E |
| Well  | 1. Allison "CQ" Federal #8 | 2. Eng "TX" Federal #1       | 3. Estelle "TA" Federal   | 4. Estoril "YZ" Federal #1                 | 5. Federal "AB" #7                  | 6. Federal "HY" #6        | 7. Sylvester "ABC" Com #1                     | 8. Thomas "LN" Federal #7 |

## SCHEMATIC DIAGRAM OF OFF-LEASE GAS MEASUREMENT



Page 4-6 Form approved. Budget Bureau No. 1004-0135 Ferm 3160--5 UNITED STATES SUBMIT IN TRIPLICATE. Expires August 31, 1985 (November 1983) (Other instructions on re-DEPARTMENT OF THE INTERIOR verse aide) 5. LEASE DESIGNATION AND BERIAL NO (Formerly 9-331) BUREAU OF LAND MANAGEMENT Fed NM #14118 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 reservoir.

Use "APPLICATION FOR PERMIT..." for such proposals.) 7. UNIT AGBEEMENT NAME GAS WELL WELL l xl OTRES 8. FARM OR LEASE NAME 2. NAME OF OPERATOR Allison "CQ" Fed Yates Petroleum Corporation 9. WELL NO. 3. ADDRESS OF OPERATOR 105 South 4th Street, Artesia, NM 88210 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)
At surface #8 10. FIELD AND POOL, OR WILDCAT 11. SEC., T., R., M., OR BLE. AND SURVEY OR ARMA 1980S +990E 14-9S-24E 15 ELEVATIONS (Show whether DF, RT, GR, etc.) 12. COUNTY OR PARISH 13. STATE 14. PERMIT NO API #30-015-24263 3662' GR NM 16 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO SUBSEQUENT REPORT OF: REPAIRING WELL TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF ALTERING CASING MULTIPLE COMPLETE FRACTURE TREATMENT FRACTURE TREAT SHOOT OR ACIDIZE ABANDON<sup>4</sup> SHOOTING OR ACIDIZING ABANDONMENT\* CHANGE PLANS (Other) . REPAIR WELL (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) Off-Lease Measurement X:

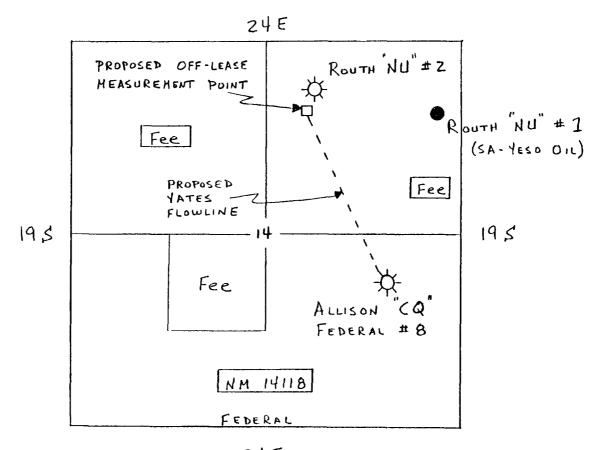
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) •

This request seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the public through production taxes.

|   | signed that the foregoing is true and correct | TITLE Engineering Manager | DATE February 19, 1988 |
|---|---|---------------------------|------------------------|
| - | (This space for Federal or State office use)  |                           |                        |
|   | APPROVED BYCONDITIONS OF APPROVAL, IF ANY:    | TITLE                     | DATE                   |

# ALLISON CQ" FEDERAL #8

## OFF-LEASE MEASUREMENT



24 E

Form approved. Page 4-8 Budget Bureau No. 1004-0135 Ferm 3160--5 UNITED STATES SUBMIT IN TRIPLICATE. Expires August 31, 1985 DEPARTMENT OF THE INTERIOR (Other Instructions on reverse side) (November 1983) 5. LEASE DESIGNATION AND BERIAL NO (Formerly 9-331) BUREAU OF LAND MANAGEMENT Fed NM 25865 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 reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals.) 7. UNIT AGREEMENT NAME WELL X WELL OTHER 8. FARM OR LEASE NAME NAME OF OPERATOR Eng "TX" Fed Yates Petroleum Corporation 9. WBLL NO. ADDRESS OF OPERATOR 105 South 4th Street, Artesia, NM 88210 10. FIELD AND POOL, OR WILDCAT LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Pecos Slope Abo 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 2535N + 584W 35-19S-24E 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, HT, GR, etc.) 12. COUNTY OR PARISH | 13. STATE 3686' GR API #30-015-24191 MM Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16 NOTICE OF INTENTION TO PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL TEST WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING SHOOTING OR ACIDIZING SHOOT OR ACIDIZE ABANDON' ABANDONMENT\* (Other) CHANGE PLANS (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) Off-Lease Measurement X 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \* This request seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to

This request seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market iwth attendant economic benefit to working interest owners, royalty owners and the pubic through production taxes.

| 18. | I hereby certify that the foregulng is true and correct | TITLE Engineering Manager | DATE February 19, 1988 |
|-----|---|---------------------------|------------------------|
|     | (This space for Federal or State office use)            |                           |                        |
|     | APPROVED BYCONDITIONS OF APPROVAL, IF ANY:              | TITLE                     | DATE                   |

# ENG "TX" FEDERAL # 1 OFF-LEASE MEASUREMENT

24 E NM12246 Fee OAKASON "NV"
FEDERAL # 2 811 PI MN 19,5 27 OAKASON "NV" FEDERAL # 1 PROPOSED OFF-LEASE MEASUREHENT POINT 19 24 E FEDERAL \$ NM 25865 NM 26864 NM 12246 PROPOSED YATES FLOWLINE OAKASON "NV" FEDERAL #3 34 NM 26864 Fee NH 50911 85812 MM FEDERAL

Ferm 3160-5 (November 1983) (Formerly 9-331)

16

#### UNITED STATES DEPARTMENT OF THE INTERIOR Verse Blde)

SUBMIT IN TRIPLICATE. (Other instructions on reBudget Bureau No. 1004-0135 Expires August 31, 1985

Form approved.

5. LEASE DESIGNATION AND BERIAL NO

Page 4-10

BUREAU OF LAND MANAGEMENT Fed NM 12960 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

| SUNDRY | NOTICES | AND | REPORTS | ON | WELLS |
|--------|---------|-----|---------|----|-------|
|        |         |     |         |    |       |

|     | Use "APPLICA"  | TION FOR PERMIT" for such proposals.)                                   |   |           |
|-----|--|---|---|-----------|
| 1.  | OIL GAS X OTHER  |   | 7. UNIT AGREEMENT NA                                  | N E       |
| 2.  | NAME OF OPERATOR   |   | 8. FARM OR LEASE NAM                                  | Ľ.        |
| 3.  | Yates Petroleum Corpo  | ration  | Estelle "TA"  | Fed Com   |
| 4.  | 105 South 4th Street,<br>Location of WELL (Report location of<br>See also space 17 below.)<br>At surface | Artesia, NM 88210 learly and in accordance with any State requirements. | #1 10. FIELD AND POOL, OR PECOS Slope                 |           |
|     | 660s + 2310W   |   | 11. SEC., T., E., M., OR B. SURVEY OR AREA 21-17S-27E | LK. AND   |
| 14. | PERMIT NO.   | 15 ELEVATIONS (Show whether DF, RT, GR, etc.)                           | 12. COUNTY OR PARISH                                  | 13. STATE |
|     | API #30-015-24172  | 3422 2' GR  | Chaves  | NM        |

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: |        |                      |    | S:JB:                                    | SEQUE           | NT REPORT OF:  |                |
|-------------------------|--------|----------------------|----|--|-----------------|--|----------------|
|                         | rı     |                      | r  |  | ·               | · ·  | — <sub>1</sub> |
| TEST WATER SHUT-OFF     |        | PULL OR ALTER CASING |    | WATER SHUT-OFF                           |                 | REPAIRING WELL   |                |
| FRACTURE TREAT          |        | MULTIPLE COMPLETE    | 1. | PRACTURE TREATMENT                       | i               | ALTERING CASING  |                |
| SHOOT OR ACIDIZE        |        | ABANDON*             |    | SHOOTING OR ACIDIZING                    |                 | ABANDONMENT*   |                |
| REPAIR WELL             | ! !    | CHANGE PLANS         |    | (Other)                                  |                 |  |                |
| (Other) Off-Leas        | e Meas | urement              | x  | (Note: Report rest<br>Completion or Reco | ulta c<br>puple | of multiple completion on Well<br>tion Report and Log form.) |                |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

This request seeks approval for off-lease measurement of natural gas from the subject Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the public through production taxes.

| 18. I hereby certify that the foregoing is true and correct SIGNED DOWN B on Law | t TITLE Engineering Manager | DATE February 19, 1988 |
|--|-----------------------------|------------------------|
| (This space for Federal or State office use)                                     |                             |                        |
| APPROVED BYCONDITIONS OF APPROVAL, IF ANY:                                       | TITLE                       | DATE                   |

WILLIS HEDERAL # 1 NOTE SCALE CHANGE こ い 2" = 1 HILE 82962 WN 145190 09521 NH 2580 241 NH 25527 625527 BERRY FEDERAL 27E NM 15429 FEDERAL COM # 1 X NM 12960 47835 MM ESTELLE "TA" [19] 27 E 879570 ZSECZHN / Fee 064050 Fee Fee Fee PORTER 2 YATES FLOWLINE (Z.5 MILE) PROPOSED 118920 ree NH 12960 035383 27 E # 055363 NRSUSES 025520 064050 P18920 HEASURENENT PL8920 Exxon 31-27 E 20-1-25EHN Fee Fee 027947 Fee Fee Fee Fee. OFF - LEASE <u>\_</u> HEASUREHENT POINT PROPOSED OFF-LEASE ESTELLE

FEDERAL COM

Form 3160--5 (November 1983) (Formerly 9-331)

TEST WATER SHUT-OFF

PHACTURE TREAT

REPAIR WELL

1

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR (Other Tall

MELICIPLE COMPLETE

CHANGE PLANS

SUBMIT IN TRIPLICATE. (Other instructions on reForm approved. Page 4-12 Budget Bureau No. 1004-0135 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

| Fed | NM | 30390 |  |
|-----|----|-------|--|
|     |    |       |  |

Form approved.

|                   | BURE  | AU OF LAND MANAGEM             | ENT   | Fed NM 30390  | )             |
|-------------------|---|--------------------------------|---|---|---------------|
| (                 |   | TICES AND REPORTS              | S ON WELLS ug back to a different reservoir. ch proposals.) | 6. IF INDIAN, ALLOTTEE                                    | OR TRIBE NAME |
| I.<br>OIL<br>WELL | GAS X OTHER   |                                |   | 7. UNIT AGREEMENT NA                                      | )(E           |
| 2. NAMI           | OF OPERATOR   |                                |   | 8. FARM OR LEASE NAM                                      | r             |
| Ya                | ates Petroleum Corp                                 | ooration                       |   | Estoril YZ F  | 'ederal       |
| З. Аррв           | ENS OF OPERATOR                                     |                                |   | 8. WELL NO.   |               |
| 10                | )5 South 4th Street                                 | , Artesia, NM 8821             | .0  | #1  |               |
| 4. LOCA           | TION OF WELL (Report location also space 17 below.) | clearly and in accordance with | any State requirements.                                     | 10. FIELD AND POOL, OR                                    | WILDCAT       |
|                   | urface  |                                |   | Pecos Slope   | Abo           |
| 19                | 980s + 660E   |                                |   | 11. SEC., T., E., M., OR B<br>SURVEY OR AREA<br>34-45-24E | LK. AND       |
| 14. PERM          | IIT NO.   | 15 ELEVATIONS (Show whether    | er DF, RT, GR, etc.)  | 12. COUNTY OR PARISH                                      | 13. STATE     |
| AF                | PI #30-005-62155                                    | 4022 GR                        |   | Chaves  | NM            |
| 16.               | Check A   | appropriate Box To Indicate    | e Nature of Notice, Report, o                               | r Other Data  |               |
|                   | NOTICE OF INTE                                      | ention to:                     | §∪BS  | EQUENT REPORT OF:   |               |

(Other) Off-Lease Measurement (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) Х 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) •

WATER SHUT-OFF

PRACTURE TREATMENT

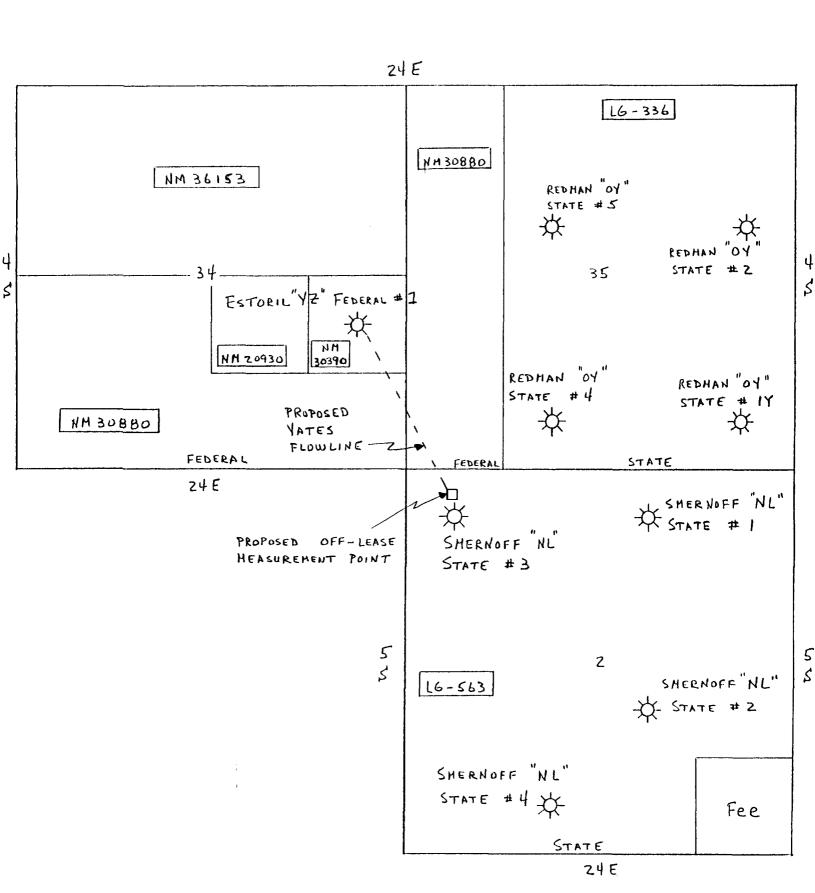
SHOOTING OR ACIDIZING

This request seeks approval for off-lease measurement of natural gas from the subject Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the public through production taxes.

| 8. I hereby certify that the foregoing is true and correct SIGNED COLCUL | TITLE Engineering Manager | DATE February 19, 1987 |
|--|---------------------------|------------------------|
| (This space for Federal or State office use)                             |                           |                        |
| APPROVED BYCONDITIONS OF APPROVAL, IF ANY:                               | TITLE                     | DATE                   |

# ESTORIL "YZ" FEDERAL #1

### OFF- LEASE MEASUREHENT



Ferm 3160-5 (November 1983)

16

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

# **UNITED STATES**

NOTICE OF INTENTION TO:

PULL OR ALTER CASING

MILLTIPLE COMPLETE

ABANDON\*

SUBMIT IN TRIPLICATE. (Other instructions on

Form approved. Page Budget Bureau No. 1004-Expires August 31, 1985

Form approved.

| σ. | LEASE | DESI | GANTION | AND   | GERIAI. | 2417 |
|----|-------|------|---------|-------|---------|------|
|    |       |      | 0407    | 7 2 2 |         |      |

REPAIRING WELL

ALTERING CASING

ABANDON MENT\*

| (Fu | , ,  | U OF LAND MANAGEMENT  | Fed NM 0487738   |
|-----|--|---|--|
|     | (Do not use this form for propo  | ICES AND REPORTS ON WELLS sals to drill or to deepen or plug back to a different reservoir. ATION FOR PERMIT—" for such proposals.) | 6 IF INDIAN, ALLOTTEE OR TRIBE NAME                        |
| 1.  | OIL GAS X OTHER  |   | 7. UNIT AGREEMENT NAME                                     |
| 2.  | NAME OF OPERATOR   |   | 8. FARM OR LEASE NAME                                      |
|     | Yates Petroleum Corpo  | oration   | Federal "AB"   |
| 3.  | ADDRESS OF OPERATOR  |   | 9. WELL NO.  |
|     | 105 South 4th Street   |   | #7   |
| 4.  | LOCATION OF WELL (Report location (<br>See also space 17 below.)<br>At surface | learly and in accordance with any State requirements.   | 10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo             |
|     | 1980N + 660W   |   | 11. SEC., T., B., M., OR BLE. AND SURVEY OR ARMA 9-18S-25E |
| 14. | PERMIT NO.   | 15. BLEVATIONS (Show whether DF, RT, GR, etc.)  | 12. COUNTY OR PARISH 13. STATE                             |
|     | API #30-015-23646  | 3573' GR  | Chaves NM  |

REPAIR WELL CHANGE PLANS (Other) (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) Off-Lease Measurement †X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

WATER SHUT-OFF

PRACTUBE TREATMENT

SHOOTING OR ACIDIZING

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

This request seeks approval for off-lease measurement of natural gas from the subject Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the pubic through production taxes.

| 8. I hereby fertily that the foregoing is true and correct SIGNED ———————————————————————————————————— | TITLE Engineering Manager | DATE February 19, 1988 |
|--|---------------------------|------------------------|
| (This space for Federal or State office use)   |                           |                        |
| APPROVED BY  | TITLE                     | DATE                   |

FEDERAL "AB" #7

8211840

YATES - FLOW LINES

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<u>w</u>

PROPOSED

MEASUREMENT POINTS

PROPOSED OFF-LEASE)

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SALVESTER "ABC"

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OFF - LEASE

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TYATES FEDERAL "B" GAS COH # 1

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SYLVESTER

FEDERAL

Fee

2481740

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Form approved. Page 4-16 Budget Bureau No. 1004-0135 Ferm 3160--5 UNITED STATES SUBMIT IN TRIPLICATE. (November 1983) DEPARTMENT OF THE INTERIOR (Other Instructions on re-Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO (Formerly 9-331) BUREAU OF LAND MANAGEMENT Fed NM 2351 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 reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals.) 7. UNIT AGREEMENT NAME GAS WELL X WELL OTHER NAME OF OPERATOR 8. FARM OR LEASE NAME Federal "HY" Yates Petroleum Corporation 9. WBLL NO. ADDRESS OF OPERATOR #6 105 South 4th Street, Artesia, NM 88210 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.) 10. FIELD AND POOL, OR WILDCAT At surface Pecos Slope Abo 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA 660N + 660E 28-7S-25E 14. PERMIT NO. 12, COUNTY OR PARISH 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 13. STATE API #30-005-61853 3709' GR NM 16 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSCOUENT REPORT OF:

(Other) Off-Lease Measurement X (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.).

WATER SHUT-OFF

(Other)

PRACTURE TREATMENT

SHOUTING OR ACIDIZING

REPAIRING WELL

ALTERING CASING

ABANDON MENT

PULL OR ALTER CASING

MICHITIPER COMPLETE

ABANDON<sup>4</sup>

CHANGE PLANS

TEST WATER SHUT-OF

PRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

This request seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the public through production taxes.

| 18. | I hereby cernify that the foregoing is true and correct SIGNED ONLAW | TITLE _ | Engineering Manager | DATE | DATE February 19, 19 |  |  |  |
|-----|--|---------|---------------------|------|----------------------|--|--|--|
|     | (This space for Federal or State office use)                         |         | VE.                 |      |                      |  |  |  |
|     | APPROVED BYCONDITIONS OF APPROVAL, IF ANY:                           | TITLE _ |                     | DATE |                      |  |  |  |

FEDERAL "HY" #6

OFF - LEASE MEASUREMENT

25E NH 2B304 ALBITUS "TH" FEDERAL # 4 21 ALBITUS "TH" PROPOSED FEDERAL #3 YATES FLOWLINEZ 7 \$ NM 2351 28

PROPOSED OFF-LEASE HEASUREHENT POINT

FEDERAL "HY" # 0

FEDERAL

25 E

Form approved. Budget Burcau No. Page 4-18 Ferm 3160--5 UNITED STATES SUBMIT IN TRIPLICATE. Expires August 31, 1985 (November 1983) DEPARTMENT OF THE INTERIOR Verse side) instructions on 5. LEASE DESIGNATION AND SERIAL NO (Framerly 9-331) BUREAU OF LAND MANAGEMENT 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 reservoir.

Use "APPLICATION FOR PERMIT--" for such proposals.) 7. UNIT AGREEMENT NAME WELL X WELL 🗀 OTHER 8. FARM OR LEASE NAME NAME OF OPERATOR Yates Petroleum Corporation Sylvester "ABC" Com 9. WBLL NO. ADDRESS OF OPERATOR 105 South 4th Street, Artesia, NM 88210 1 LOCATION OF WELL (Report location clearly and in accordance with any State requirements. 10. FIELD AND POOL, OR WILDCAT See also space 17 below.) At surface Pecos Slope Abo 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA 660S + 660E 8-18S-25E 12. COUNTY OR PARISH! 13. STATE 14. PERMIT NO 15. ELEVATIONS (Show whether DF. RT. GR. etc.) API #30-015-25147 3569'GR Chaves NM Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

proposed work. I nent to this work.)

CHANGE PLANS REPAIR WELL (Other) (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) Off-Lease Measurement X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-

WATER SHUT-OFF

PRACTURE TREATMENT

SHOOTING OR ACIDIZING

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

This approval seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners, royalty owners and the public through production taxes.

Please note that Federal minerals from leases 0471842 and 0487738 are included within the spacing unit for the Sylvester "ABC" Com #1.

| l i l               | t the foregoing is true and correct |       | Engineering Manager | DATE | February | 19, | <br>1988 |
|---------------------|-------------------------------------|-------|---------------------|------|----------|-----|----------|
| (This space for Fed | eral or State office use)           |       | <del></del>         |      |          |     |          |
|                     | PPROVAL, IF ANY:                    | TITLE |                     | DATE |          |     |          |

FEDERAL "AB" # 7 AND SYLVESTER "ABC" # 1

MEASUREMENT

OFF - LEASE

<u>8</u> S TYATES FEDERAL "B" GAS CON # 1 Fec NM0630 FEDERAL "AB" #7 Fee 8277840 Fee Fee XX 16323 25 E 41 YATES / FLOW LINES PROPOSED Feberal (2" SYLVESTER MEASUREHENT POINTS ree Fee PROPOSED OFF-LEASE)  $\infty$ FEDERAL 2481640 8577840 2481740 <u>∞</u> ∨

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Fcrm ₹160--5

## HAUTED STATES

Form approved. Page 4-20 Budget Bureau No. 1004-0135

Form approved.

| (Navember 1983)<br>(Formerly 9–331)                    |  | MENT OF THE INT   |  |   |  |  |  |
|--|--|---|--|---|--|--|--|
|  | BUREA                                      | U OF LAND MANAGE  | MENT   | Fed NM 1026   | 3  |  |  |
| SU<br>(Do not use t                                    | INDRY NOT pis form for propos Use "APPLICA | ICES AND REPOR  | TS ON WELLS plug back to a different reservoir. such proposals.)                   | 6. IF INDIAN, ALLOTT                                    | RE OR TRIBE NAME                               |  |  |
| 1.   |  |   |  | 7. UNIT AGREEMENT                                       | NAME   |  |  |
| WELL GAS WEL   | L X OTHER                                  |   |  |   |  |  |  |
| 2. NAME OF OPERATOR                                    |  |   |  | 8. FARM OR LEASE N.                                     |  |  |  |
| Yates Petr   | oleum Corpo                                | ration  |  | Thomas "LN"   | Federal  |  |  |
| 3. ADDRESS OF OPERA                                    | TOR  |   |  | 9. WELL NO.   |  |  |  |
| 105 South  | 4th Street,                                | Artesia, NM 882   | 210  | #7  |  |  |  |
| 4. LOCATION OF WELL<br>See also space 17<br>At surface | (Report location c<br>below.)              | learly and in accordance wit                                | h any State requirements.*   |   | 10. FIELD AND POOL, OR WILDCAT Pecos Slope Abo |  |  |
|  |  |   |  | 11. SEC., T., B., M., OB                                |  |  |  |
| 660N + 660   | W  |   |  | 29-6S-25E   |  |  |  |
| 14. PERMIT NO.   |  | 15 ELEVATIONS (Show wheth                                   | her DF, RT, GR, etc.)  | 12. COUNTY OR PARIS                                     | H 13. STATE                                    |  |  |
| API #30-00   | 5-61948                                    | 3775.8'GR   |  | Chaves  | NM   |  |  |
| 16.  | Check A                                    | propriate Box To Indice                                     | are Nature of Notice, Report, or   | Other Data  |  |  |  |
|  | NOTICE OF INTEN                            | TION TO:  | 8388   | QUENT REPORT OF:  |  |  |  |
| TEST WATER SHIP  | T-OFF                                      | PULL OR ALTER CASING  | WATER SHUT-OFF   | REPAIRING   | WELL   |  |  |
| FRACTURE TREAT   |  | MULTIPLE COMPLETE   | FRACTUBE TREATMENT   | ALTERING  | CASING   |  |  |
| SHOOT OR ACIDIZE                                       | <u> </u>                                   | ABANDON*  | SHOOTING OR ACIDIZING  | ABANDONM  | ENT*   |  |  |
| REPAIR WELL  |  | HANGE PLANS   | (Other)  |   |  |  |  |
| (Other) Of   | f Lease Mea                                | surement X  | (NOTE: Report resul<br>Completion or Recor   | its of multiple completion appletion Report and Log f   | on Well  |  |  |
| 17. DESCRIBE PROPOSEL proposed work, nent to this work | If well is direction                       | RATIONS (Clearly state all penally drilled, give subsurface | rtinent details, and give pertinent date<br>e locations and measured and true vert | es, including estimated de<br>ical depths for all marke | ate of starting any                            |  |  |

This request seeks approval for off-lease measurement of natural gas from the subject well. Transwestern Pipeline Company agreed to transport gas from this well if Yates would build a gathering line to deliver the gas to existing Transwestern pipeline facilities. The gas sales meter will be read and maintained by Transwestern, but the meter is located nearby off-lease (see attached map). Yates will maintain the gathering flow lines in a safe condition and will pay royalty due on gas lost to

leaks or failures based on the preceeding 30-day average rate. Yates will obtain all necessary rights-of-way before installing flow lines. All separation and liquid storage and sales facilities will be located on the originating lease. Yates believes that off-lease measurement is necessary for this well as the only practical way to bring this gas to market with attendant economic benefit to working interest owners,

certify that the foregoing is true and correct DATE February 19, 1988 mean TITLE Engineering Manager SIGNED A

(This space for Federal or State office use)

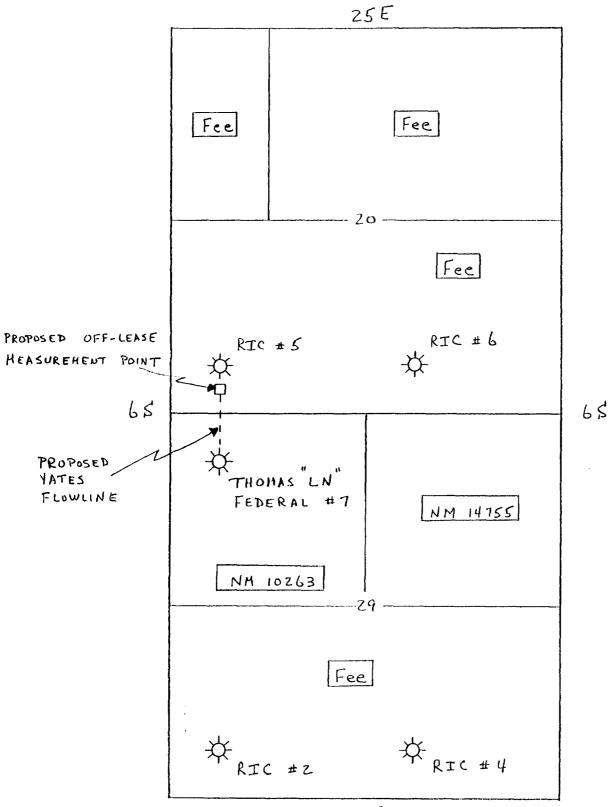
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

royalty owners and the pubic through production taxes.

DATE \_

# THOMAS LN FEDERAL #7

## OFF-LEASE MEASUREMENT



25 E