



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 11-6-86

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 10-20-86  
for the ARCO Tonkin Federal #6 A-18-24N-300  
Operator Lease and Well No. Unit, S-T-R

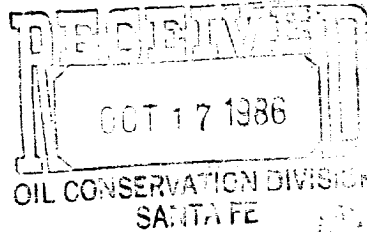
and my recommendations are as follows:

Approve  
- This well was the Tonkin Federal  
18 # 2E  
NSL-2301

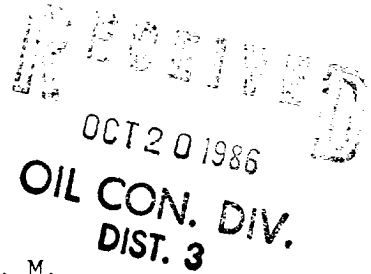
Yours truly,

E. B. Buel

ARCO Oil and Gas Company  
Central District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 688 5200  
October 13, 1986



State of New Mexico Oil Conservation Division  
Box 2088  
Santa Fe, New Mexico 87501  
Attn: Mr. Dave Catanach



Re: ARCO Tonkin Federal #18-<sup>6</sup>2E, Rio Arriba County, N. M.  
Spacing Exception

Dear Dave:

Per our telephone conversation and by way of this letter and supporting surveyor's plat, ARCO Oil and Gas Company, a division of the Atlantic Richfield Company, wishes to make application for a spacing exception for the subject well. This well falls under West Lindrith Gallup/Dakota Pool Rules which require well locations to be a minimum of 330' from all governmental quarter quarter section lines. Because of topographic considerations, it will be necessary to locate this well 190' from a quarter quarter section line at 1130' FNL and 330' FEL, Section 18, T24N, R3W, Rio Arriba Co., N. M.

The well is to be spaced in an <sup>191.30</sup>~~80~~ acre "stand up" unit. Per the attached topographic map, the ~~80~~ acres is bordered by ARCO acreage to the west, south, and east. <sup>191.30</sup>~~191.30~~ The tract is bordered by acreage held by Mobil Producing Texas and New Mexico Inc., 500 Illinois, Midland, Texas 79702, to the north. ARCO's notification letter to Mobil is enclosed for your review.

This well is under the jurisdiction of the Bureau of Land Management, and an Application for Permit to Drill has been filed with their Farmington Resource Area.

Please call me at (915)688-5675 with any questions or concerns.

Very truly yours,

Sandy Grash-Zdinak  
Drilling Engineer

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

|                                                                                                                               |                      |                                   |                                           |                             |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------|-------------------------------------------|-----------------------------|
| Operator<br><b>ARCO OIL &amp; GAS COMPANY</b>                                                                                 |                      | Lense<br><b>TONKIN FEDERAL 18</b> |                                           | Well No.<br><b>286</b>      |
| Unit Letter<br><b>A</b>                                                                                                       | Section<br><b>18</b> | Township<br><b>24N</b>            | Range<br><b>3W</b>                        | County<br><b>Rio Arriba</b> |
| Actual Footage Location of Well:<br><b>1130</b> feet from the <b>North</b> line and <b>330</b> feet from the <b>East</b> line |                      |                                   |                                           |                             |
| Ground Level Elev.<br><b>6864</b>                                                                                             | Producing Formation  | Pool                              | Dedicated Acreage:<br><b>191.30</b> Acres |                             |

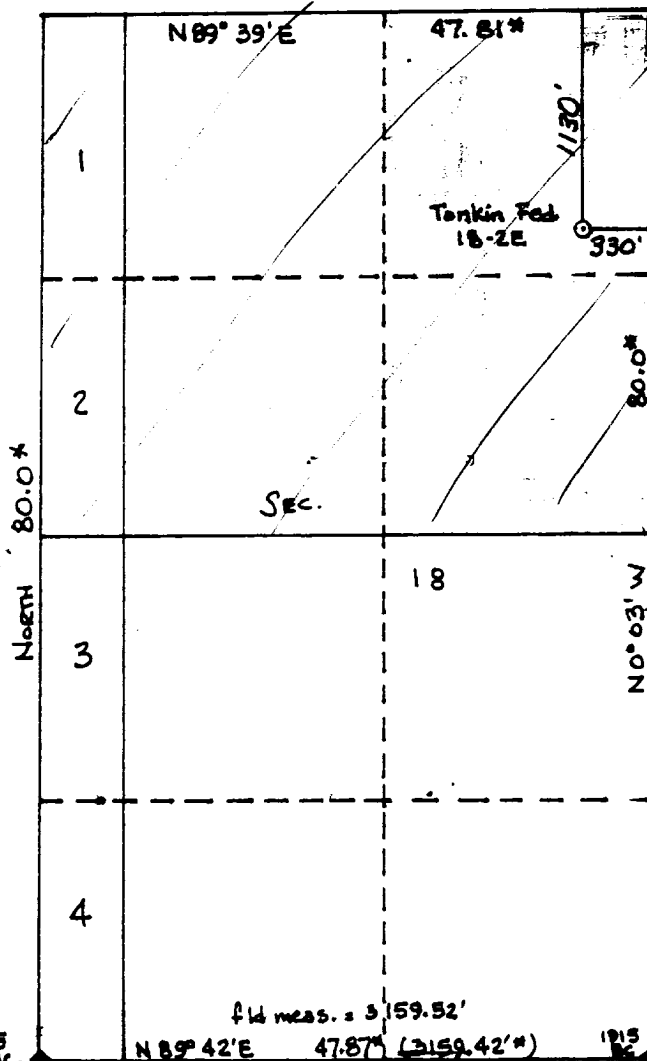
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lense is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lense of different ownership is 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 Division.

\*Record GLO plot 1917



#### CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Daniel E. Lowe*

Name *DEL*

Position *DRUG ANALYST SUPV*

Company

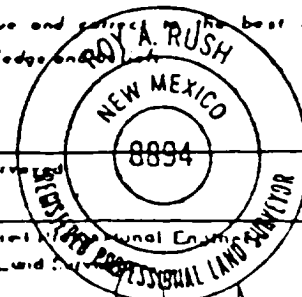
*ARCO OIL & GAS CO*

Date

*A DIVISION OF ATLANTIC RICHFIELD*

*OCT 14, 1986*

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.



Date Surveyed

Illustrated by *Professional Land Surveyor*

*Roy A. Rush*

Certificate No. *0001*

EXHIBIT "B"  
TORO MAP VICINITY  
AND ONE MILE RADIUS

