

ARCO Oil and Gas Company, Division of
Atlantic Richfield Company ~~North American Producing Division~~
~~Rocky Mountain District~~
1860 Lincoln St. — Suite 501
Denver, Colorado ~~80203~~ 80295
Telephone 303 573-4049

W. A. Walther, Jr.
Operations Manager



Certified Mail No. 6723885
Return Receipt Requested

February 16, 1979

Mr. Joe D. Ramey
State Petroleum Engineer
Secretary-Director
Oil Conservation Commission
New Mexico Energy and Minerals Department
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Proposed Jicarilla #101 Well

Dear Mr. Ramey:

Pursuant to the request of Mr. A. R. Kendrick, Supervisor, District No. 3, and pursuant to Rule 3 of the Special Rules and Regulations for the West Lindrith Gallup-Dakota Oil Pool of the Oil Conservation Division, Energy and Minerals Department of the State of New Mexico, ARCO Oil and Gas Company, Division of Atlantic Richfield Company, the Applicant, submits this letter application for administrative approval of an exception to Rule 2 of said Rules and Regulations for the drilling of a non-standard spacing and proration unit and shows as follows:

1. Rule 2 of said Rules and Regulations requires that each well in the pool be located on a spacing and proration unit consisting of 160 acres.

2. Applicant has previously submitted its Application for Permit to Drill, Deepen or

FEB 20 1979

Mr. Joe D. Ramey
February 16, 1979
Page Two

Plug Back (Form 9-331 C--May, 1963) dated February 1, 1979, to the appropriate authorities for the drilling of the proposed Jicarilla #101 Well sufficient to test the Dakota formation, to be located as follows:

Township 24 North, Range 4 West

Sec 5: NE $\frac{1}{4}$ NE $\frac{1}{4}$
750' FNL
990' FEL
Rio Arriba County, N.M.

3. The NE $\frac{1}{4}$ of said section, township and range is not a standard size quarter section of 160 acres under the United States Public Land Survey but instead consists of 218.95 acres, more or less.

4. Rule 3 of the special rules and regulations states that the Commission may grant administratively an exception to the 160-acre standard unit size established by Rule 2 without notice and without hearing by submitting an application.

5. By his signature below the undersigned verifies that all operators offsetting the proposed non-standard unit have been furnished with separate notification of this application this date by depositing same, in the United States mail, postage prepaid, certified mail, return receipt requested.

6. Pursuant to Rule 6 of the Special Rules and Regulations, based upon an allowable of 4.77 for a standard 160-acre spacing and proration unit, the proposed unit consisting of 218.95 acres more or less should be assigned, the appropriate increased allowable.

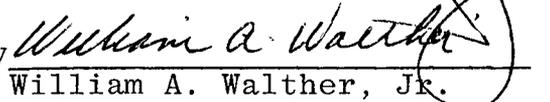
Applicant requests that it be granted administrative approval to drill the proposed Jicarilla #101 Well at the location described

Mr. Joe D. Ramey
February 16, 1979
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above with the allowable allocated to it as appropriate and for such other accompanying orders and approvals as may seem appropriate to the Commission.

ARCO Oil and Gas Company
Division of Atlantic
Richfield Company

By



William A. Walther, Jr.
Operations Manager

WAW/mem

cc: A. R. Kendrick
Supervisor, District #3
District Office
Oil Conservation Division
New Mexico Energy and Minerals Department
1000 Rio Brazos Road
Aztec, New Mexico 87410

ARCO Oil and Gas Company, Division of
AtlanticRichfieldCompany ~~North American Producing Division~~
~~Rocky Mountain District~~
1860 Lincoln St. — Suite 501
Denver, Colorado ~~80202~~ 80295
Telephone 303 573-4049
W. A. Walther, Jr.
Operations Manager



March 2, 1979

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87501

Attention: Mr. R. L. Stamets
Technical Support Chief

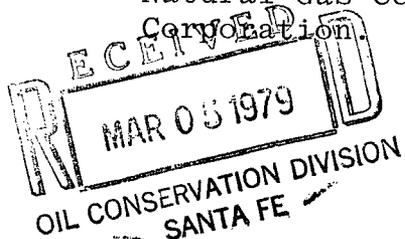
Re: Proposed Jicarilla #101 Well
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5, Township 24 North, Range 4 West

Dear Mr. Stamets:

Enclosed is the supplementary data which you requested by your letter of February 26, 1979, and in your recent telephone conversation with R. S. Jones. The dedicated acreage, being the entire NE $\frac{1}{4}$, is shown outlined in red together with the remainder of the entire section by enclosed survey plat. The offset owners within the one-mile radius of the proposed drill site are shown on a separate enclosed land map.

Please note that notice of the application has previously been given to all offset owners as was stated in the application, including Manning Gas and Oil Co., although I now understand that the Manning ownership indicated in adjacent Section 4 has been entirely transferred to Cotton Petroleum Corporation, which had also received notice previously. The offset owners are Continental Oil Co., Northwest Production, El Paso Natural Gas Company, and Cotton Petroleum

Corporation.

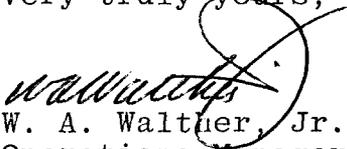


*NSP - 1137
218.95 acres
Windrift Gallup Dakota Co
Rule 2 R 4314
March 22, 1979*

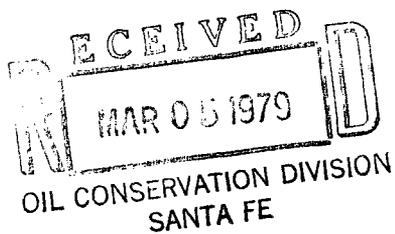
State of New Mexico
March 2, 1979
Page Two

You stated in your telephone conversation with Mr. Jones that it is not necessary for me to obtain and submit to you the acreage totals attributable to the remainder of that Section 5. I do not have this information, but I assume that your office does.

Very truly yours,


W. A. Walther, Jr.
Operations Manager

WAW/mem
Enclosures



NEW MEXICO OIL CONSERVATION COMMISSION
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.

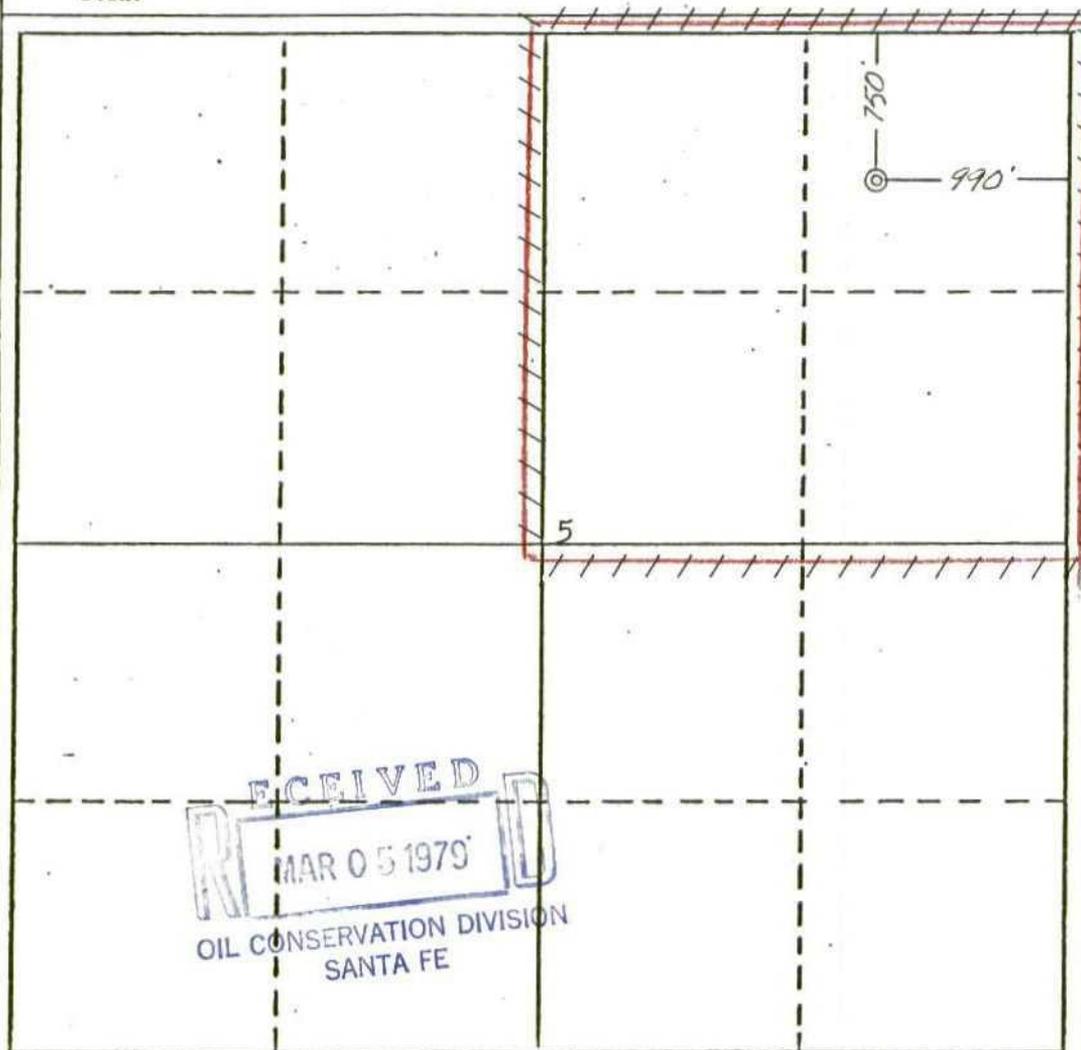
Operator ARCO Oil and Gas Company, Division of ATLANTIC RICHFIELD COMPANY		Lease JICARILLA		Well No. 101
Unit Letter A	Section 5	Township 24 NORTH	Range 4 WEST	County RIO ARriba COUNTY
Actual Footage Location of Well: 750 feet from the NORTH line and 990 feet from the EAST line				
Ground Level Elev. 6781	Producing Formation Gallup-Dakota	Pool West Lindrith Gallup Dakota	Dedicated Acreage: NE/4 218.95 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.



RECEIVED
MAR 05 1979
OIL CONSERVATION DIVISION
SANTA FE

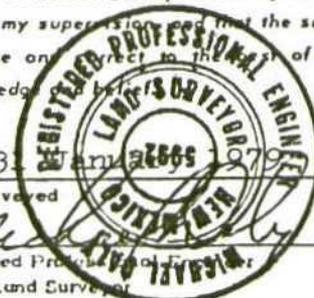
CERTIFICATION

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

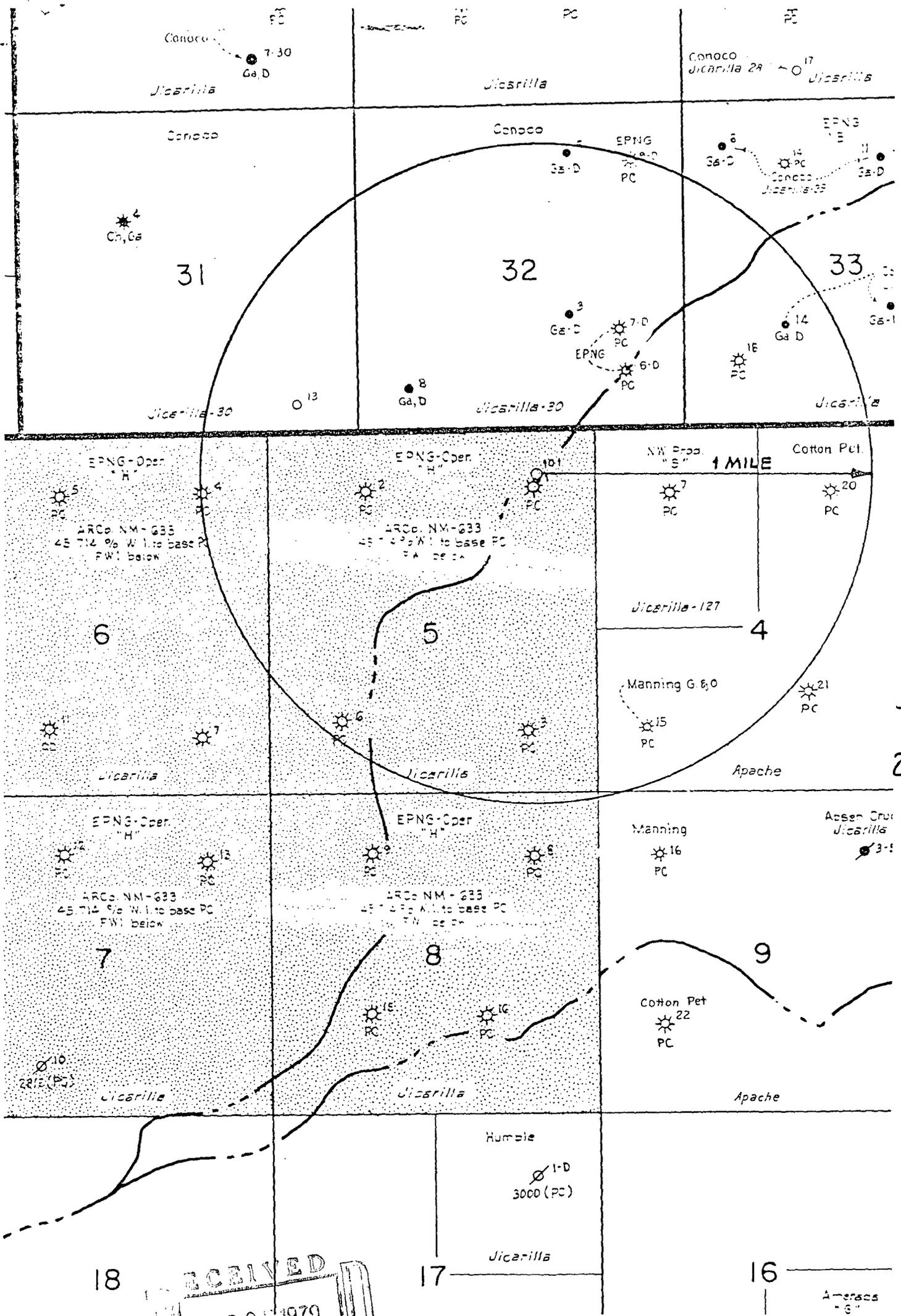
W. A. Walther, Jr.
Name
W. A. Walther, Jr.
Position
Operations Manager
Company ARCO Oil and Gas Co.
Division of Atlantic Richfield
Date Company
March 1, 1979

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.

Michael Daly
Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Michael Daly
Certificate No. **5992**



0 500 1000 1500 2000 2640 2310 1980 1650 1320 90 660 330



T
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N

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RECEIVED
MAR 05 1979
CONSERVATION DIVISION
SANTA FE

17

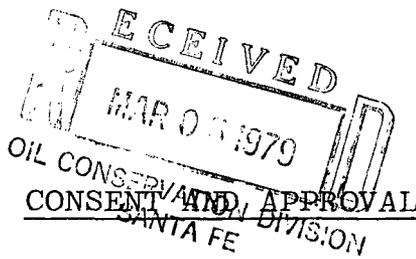
4 W

16

Atlantic Richfield Company
ROCKY MOUNTAIN DISTRICT
DENVER, COLORADO

Jicarilla # 101
Rio Arriba County, N.M.

DRAFTED BY SKA CHECKED BY _____ DATE 2-1-79
SCALE 1" = 2000' REVISED _____



EL PASO NATURAL GAS COMPANY (Company), by its authorized signatory below, hereby consents to and approves of the letter application of ARCO Oil and Gas Company, Division of Atlantic Richfield Company, for administrative approval of the drilling of the Jicarilla #101 Well to be located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 5, Township 24 North, Range 4 West, Rio Arriba County, New Mexico (750' FNL, 990' FEL) in a non-standard size spacing and proration unit (218.95 acres, more or less) and for the appropriate proportional allowable factor.

Dated this 1st day of March, 1979.

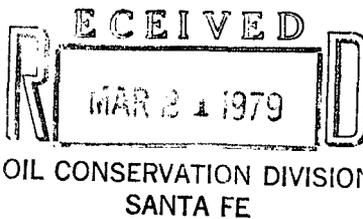
By *John A. Ahlman*
Title Regional Land Manager

RECEIVED
MAR 05 1979
OIL CONSERVATION DIVISION
SANTA FE
CONSENT AND APPROVAL

NORTHWEST PRODUCTION CORPORATION (Company), by its authorized signatory below, hereby consents to and approves of the letter application of ARCO Oil and Gas Company, Division of Atlantic Richfield Company, for administrative approval of the drilling of the Jicarilla #101 Well to be located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 5, Township 24 North, Range 4 West, Rio Arriba County, New Mexico (750' FNL, 990' FEL) in a non-standard size spacing and proration unit (218.95 acres, more or less) and for the appropriate proportional allowable factor.

Dated this 1st day of March, 1979.

By John A. Ahlman
Title Regional Land Manager



CONSENT AND APPROVAL

Cotton Petroleum Corporation (Company), by its authorized signatory below, hereby consents to and approves of the letter application of ARCO Oil and Gas Company, Division of Atlantic Richfield Company, for administrative approval of the drilling of the Jicarilla #101 Well to be located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 5, Township 24 North, Range 4 West, Rio Arriba County, New Mexico (750' FNL, 990' FEL) in a non-standard size spacing and proration unit (218.95 acres, more or less) and for the appropriate proportional allowable factor.

Dated this 19th day of March, 1979.

COTTON PETROLEUM CORPORATION
By Michael K. Mendenhall
Michael K. Mendenhall
Title Division Landman

PLEASE NOTE: Manning Oil and Gas Company has merged with Cotton Petroleum Corporation. Therefore, a separate signature by Manning is not necessary.

OIL CONSERVATION COMMISSION
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 2-26-79

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____
NSP

R. L. Stanets

Gentlemen:

I have examined the application dated 2-16-79
for the Atlantic Richfield Co. Jicarilla #101 A-5-24N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

AR Kendrick



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

February 26, 1979

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

ARCO Oil and Gas Company
Division of Atlantic
Richfield Company
1860 Lincoln Street
Suite 501
Denver, Colorado 80295

Attention: William A. Walther, Jr.

Dear Mr. Walther:

Referring to your application dated February 16, 1979, for approval of a nonstandard proration unit in the West Lindrith-Gallup-Dakota Oil Pool, supplemental information is requested. This supplemental data consists of a plat outlining the dedicated acreage, the entire section, and a showing of offset ownership.

Very truly yours,

R. L. STAMETS
Technical Support Chief

RLS/dr