

ARCO Oil and Gas Company  
Rocky Mountain District  
717-17th Street  
Mailing address: P.O. Box 5540  
Denver, Colorado 80217  
Telephone 303 575 7000

April 18, 1983



Mr. Joe D. Ramey, Secretary - Director  
Oil Conservation Commission, State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: Horseshoe Gallup Unit  
San Juan County, New Mexico

*Horseshoe Gallup  
Pool*

*NSL 1690  
Rule 11 R2210  
No off sets  
Immediate  
Four wells - see  
attached C-102's  
for locations*

Dear Mr. Ramey:

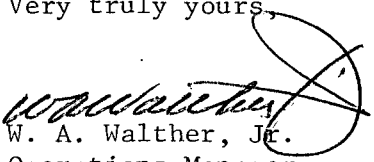
ARCO Oil and Gas Company, Division of Atlantic Richfield Company, Operator of the Horseshoe Gallup Unit, and pursuant Case No. 5236, Order No. R-2210-A, hereby requests administrative approval to drill four (4) infill Gallup Formation producing wells at unorthodox locations. As set forth in Order No. R-2210-R, the following are enclosed:

1. (a) Copy of Certified Location Plat, each well  
(b) Copy of Application for Permit to Drill, each well  
(c) Map showing the Unit boundary, all existing wells, and location of the four (4) proposed wells.
2. Schematic drawing for each well, based on current information.

ARCO Oil and Gas Company, Division of Atlantic Richfield Company is the Operator of all offset locations, therefore, notification to offset operators is not required.

Your administrative approval is respectfully requested.

Very truly yours,

  
W. A. Walther, Jr.  
Operations Manager

Encl.

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

Operator ARCO OIL & GAS COMPANY		Lease HORSESHOE GALLUP UNIT-B		Well No. 301	
Unit Letter C	Section 30	Township 31N	Range 16W	County San Juan SANTA FE	
Actual Footage Location of Well: 20 feet from the North line and 1520 feet from the West line					
Ground Level Elev. 5711	Producing Formation Gallup Sand	Pool Gallup		Dedicated Acreage: NA UNIT 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.

1520'	20'
Sec.	30

Scale: 1"=1000'

### CERTIFICATION

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

Name W.A. Walther, Jr.

Operations Manager

Position ARCO Oil and Gas Company  
Division of Atlantic Richfield

Company	Company
---------	---------

March 17, 1983

Date \_\_\_\_\_

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 \_\_\_\_\_

February 18, 1983

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 4

3950

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENTP. O. BOX 2048  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-

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

Operator <b>ARCO OIL &amp; GAS COMPANY</b>		Lease <b>HORSESHOE GALLUP</b>		Well No. <b>2298</b>	
Unit Letter <b>M</b>	Section <b>33</b>	Township <b>31N</b>	Range <b>16W</b>	County <b>SANTA FE</b>	
Actual Footage Location of Well: <b>1190</b> feet from the <b>South</b> line and <b>215</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5347</b>	Producing Formation		Pool	Dedicated Acreage:  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 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.

215'	1190'	Sec.	33

## CERTIFICATION

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

Name **W.A. Walther, Jr.**

Position

**Operations Manager**

Company **ARCO Oil and Gas Company**  
Div of Atlantic Richfield Co.

Date

**April 18, 1983**

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.

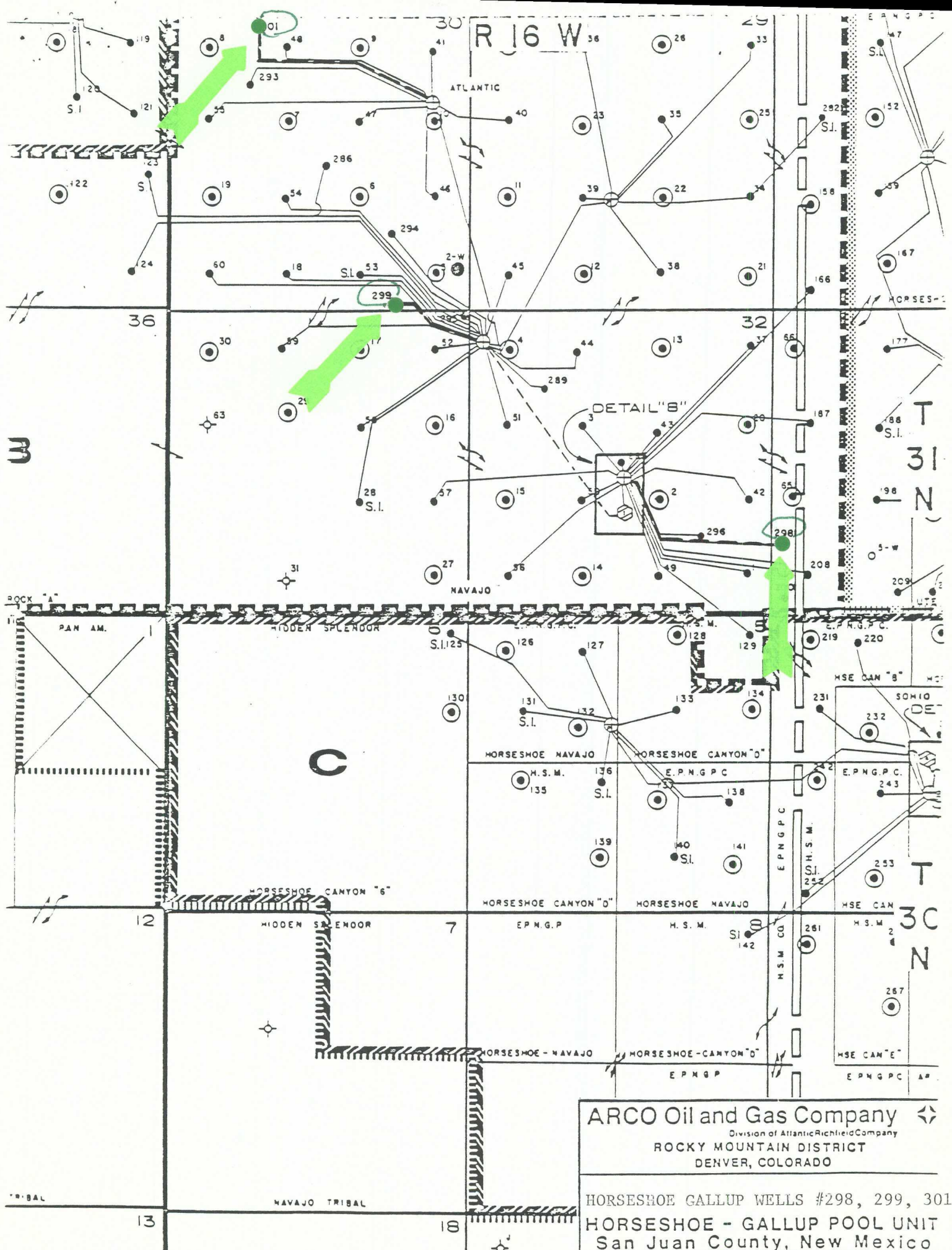
Date Surveyed

**April 8, 1983**

Registered Professional Engineer  
and Land Surveyor

**Fred B. Kerr Jr.**

Certificate No. **1050**







All distances must be from the outer boundaries of the Specimen

Operator ARCO OIL & GAS COMPANY		Lease HORSESHOE GALLUP UNIT B OIL CONSERVATION DIVISION		APR 28 1963 Well No. 209	
Unit Letter P	Section 30	Township 31N	Range 16W	County SANTA FE San Juan	
Actual Footage Location of Well:					
100		feet from the South		line and 1310 feet from the East line	
Ground Level Elev. 5452	Producing Formation Gallup Sand		Pool Gallup		Dedicated Acreage: NA UNIT Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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30

Sec.

100' 1310'

### CERTIFICATION

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

Name W. A. Walther, Jr.  
Operations Manager

Position ARCO Oil and Gas Company  
Division of Atlantic Richfield

Company	Company
March 17, 1983	

Date \_\_\_\_\_

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 \_\_\_\_\_

February 18, 1983

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr

Certificate No. 4

3950

Scale: 1"=1000'

RECEIVED

APR 25 1983

Operator <b>ARCO OIL &amp; GAS COMPANY</b>		Lease <b>HORSESHOE GALLUP UNIT CONSERVATION</b>		Well No. <b>D. 300</b>	
Unit Letter <b>G</b>	Section <b>4</b>	Township <b>30N</b>	Range <b>16W</b>	County <b>SANTA FE</b> <b>San Juan</b>	
Actual Footage Location of Well: <b>1590</b> feet from the <b>North</b> line and <b>1460</b> feet from the <b>East</b> line					
Ground Level Elev: <b>5398</b>	Producing Formation <b>Gallup Sand</b>		Pool <b>Gallup</b>	Dedicated Acreage: <b>NA UNIT</b> Acres	

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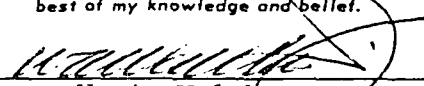
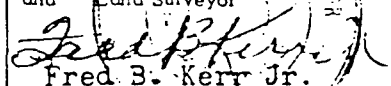
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Sec.		1590'	
		1460'	
4			

Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	
Name <b>W. A. Walther, Jr.</b> Operations Manager	
Position <b>ARCO Oil and Gas Company</b> <b>Division of Atlantic Richfield</b>	
Company	Company
March 17, 1983	
Date	
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 <b>February 18, 1983</b>	
Registered Professional Engineer and Land Surveyor  <b>Fred B. Kerr Jr.</b>	
Certificate No. <b>3950</b>	