

OIL CONSERVATION COMMISSION  
Antelope DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

*Carl Alvord*

DATE 8-29-77

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

Gentlemen:

I have examined the application dated 8-25-77  
for the Atlantic Richfield Graham's WIN Fed #1A 0-9-27N-8W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*W. Kendrick*

North American Producing Division  
Rocky Mountain District  
1860 Lincoln St. — Suite 501  
Denver, Colorado 80203 95  
Telephone 303 573-4049

W. A. Walther, Jr.  
Operations Manager

August 25, 1977



Mr. A. L. Porter, Jr., Secretary-Director  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

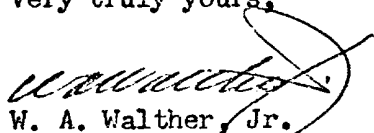
Re: Multiple Completion  
Graham "C" WN Fed. Com., Well #1-A  
Unit "O", Section 9-27N-8W  
San Juan County, New Mexico

Dear Mr. Porter:

In accordance with the provisions of Rule 112-A, State of New Mexico Oil Conservation Commission, Rules and Regulations, application is hereby made for administrative approval to multiple complete the captioned well in the Chacra and Mesa-verde formations. In support of this application, the following are enclosed:

1. Form C-107, Application for Multiple Completion
  2. Plat, showing the location and offset wells and leases. Addresses for offset operators are shown on Form C-107.
  3. Copy of letter mailed to offset operators this date.
  4. Field Print of electric log.
  5. Sketch of the proposed completion.
- Your earliest possible consideration and approval of this application will be greatly appreciated.

Very truly yours,

  
W. A. Walther, Jr.

Encls.

2cc: Mr. A. R. Kendrick ✓  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico 87410



North American Producing Division  
Rocky Mountain District  
1860 Lincoln St. — Suite 501  
Denver, Colorado 80202 **95**  
Telephone 303 573-4049

W. A. Walther, Jr.  
Operations Manager

August 25, 1977

Mailed individually to offset operators as shown on Form C-107,  
with attachments.

M.E. Brown 8/25/77

*115B*

Re: Multiple Completion  
Graham "C" WN Fed. Com., Well #1-A  
Unit "O", Section 9-27N-8W  
San Juan County, New Mexico

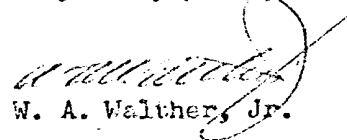
Gentlemen:

Pursuant the provisions of Rule 112-A, State of New Mexico Oil Conservation Commission, Rules and Regulations, you are hereby notified of the proposed dual completion of the captioned well in the Chacra and Mesaverde formations. For your information, the following are enclosed:

1. Form C-107, Application for Multiple Completion.
2. Plat showing the captioned location and your offset lease.
3. Sketch of the proposed completion.
4. Xerox copy of zones of interest from electric log.

If you have no objection to this proposal, we would appreciate you so notifying the Oil Conservation Commission, sending this office a copy of the letter.

Very truly yours,

  
W. A. Walther, Jr.

Encls.

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
5-1-61

Operator <b>Atlantic Richfield Company</b>		County <b>San Juan County</b>	Date <b>August 24, 1977</b>
Address <b>501 Lincoln Tower Building 1860 Lincoln St., Denver, Colo. 80295</b>		Lease <b>Graham "C" WN Federal Com.</b>	Well No. <b>1-A</b>
Location of Well <b>0</b>	Unit <b>9</b>	Township <b>27 North</b>	Range <b>8 West</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐ **Great Lakes Nat. Gas., Graham, #1-A**
2. If answer is yes, identify one such instance: Order No. **MC - 2254**; Operator Lease, and Well No.: \_\_\_\_\_

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Largo Chacra</b>		<b>Blanco Mesaverde</b>
b. Top and Bottom of Pay Section (Perforations)	<b>3164-3196'</b>		<b>3891 - 4668'</b>
c. Type of production (Oil or Gas)	<b>Gas</b>		<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>		<b>Flowing</b>

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address. **87401**
- North - Great Lakes Chemical Corp., Minerals Management, 501 Airport Dr., Farmington, N.M.**
- Tenneco Oil Company, 1200 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80295**
- R & G Drilling Co., P. O. Box 327, Farmington, New Mexico 87401**
- East - R & G Drilling Co., P. O. Box 327, Farmington, New Mexico 87401**
- W. C. Russell, 2308 E. 14th Street, Farmington, New Mexico 87401**
- South - El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico 87401**
- West - Mesa Petroleum Co., 2800 Lincoln Center Bldg., 1660 Lincoln St., Denver, Colo. 80264**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **Aug. 25, 1977**

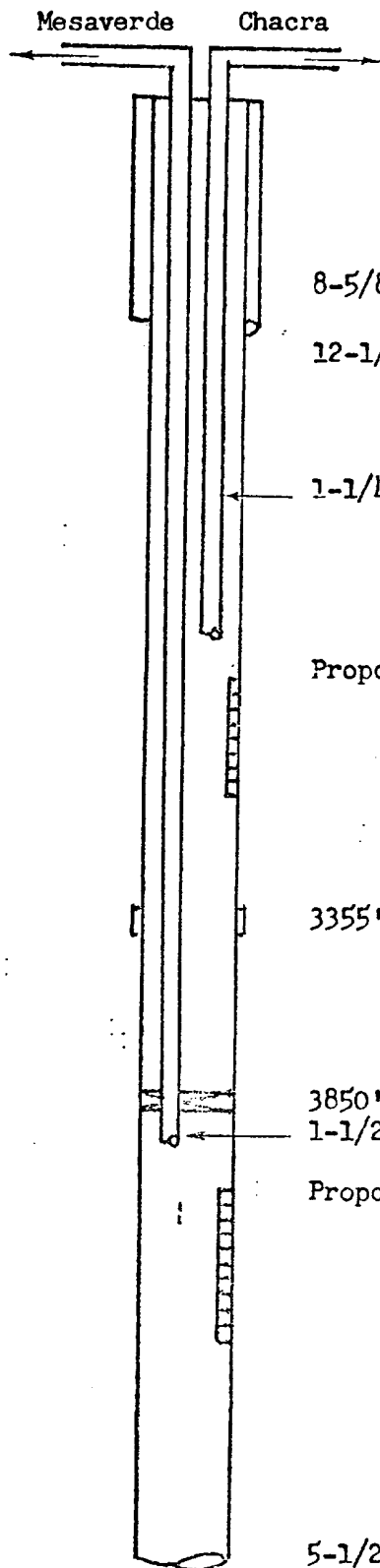
CERTIFICATE: I, the undersigned, state that I am the **Operations Manager** of the **Atlantic Richfield Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

**W. A. Walther, Jr.** Signature

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

GRAHAM "C" WN FEDERAL COM., Well No. 1-A  
Unit "O", Section 9-27N-8W  
San Juan County, New Mexico



8-5/8"OD 24# K-55 8rd ST&C casing set at 259.53'KB, cmt'd w/200 sx. Cl. "B"  
w/ 2% CaCl, cement circulated.

12-1/4" surface hole to 262'.

1-1/4"OD tubing @ approx. 3150'

Proposed Chacra perfs, 1 jet shot per foot:

3164-3170'

3192-3196'

3355' HOWCO Stage Collar - Cmt'd 2nd stage w/ 450 sx HOWCO Lite w/  
10# gilsonite per sack tailed with 50 sx Class "B" neat.  
100% fill = 2885'.

3850' Baker Mod. "D" Production Packer

1-1/2"OD tubing @ approx. 3860'

Proposed Mesaverde perfs, 1 jet shot each:

3891', 3896' & 3902'.

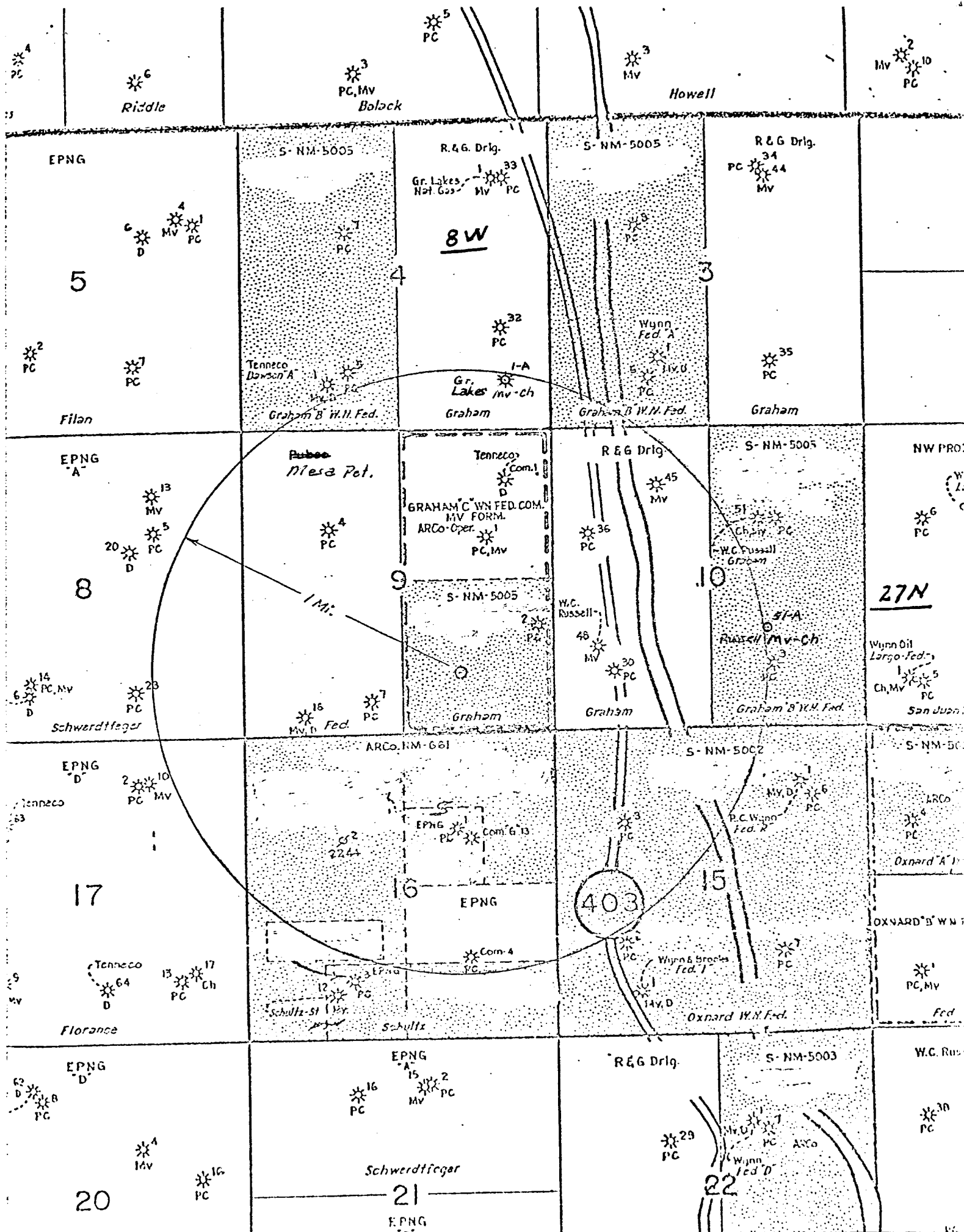
4366', 4369', 4423', 4426'

4535, 38, 41, 44, 47, 52, 68, 71, 83, 85, 95, 98

4622, 25, 40, 43, 68

TOTAL DEPTH - 4720'  
7-7/8" HOLE

5-1/2"OD 15.5# K-55 8rd, 109 jt LT&C, 13 jt ST&C, set at 4719'KB, cmt'd  
1st stage w/ 250 sx 50-50 Pozmix w/ 12.5# gilsonite/sack  
followed w/50 sx Class "B" neat. 8 centralizers, 23 recip-  
rocating scratchers. 100% fill = 1731'. Cement logs will  
be run when completion commences. Any zones not properly  
protected will be perforated and squeezed.



1 JS PF

CHACRA

64

70

3200

MV

1 JS each

SAVERDE  
(CLIFF HELPER)

3900

My  
1 JS each

4400

4500

1100000 7

