

OIL CONSERVATION COMMISSION

Anteo DISTRICT

OIL CONSERVATION COMMISSION
 BOX 2088
 SANTA FE, NEW MEXICO

DATE 8-10-77

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

Carl Ulvog

Gentlemen:

I have examined the application dated 8-8-77
 for the Atlantic Richfield Hammond WN Fed # 7 B-35-27N-84
 Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

AR Dendrial

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



W. A. Walther, Jr.
Operations Manager

August 8, 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
Hammond WN Federal, Well No. 7
Unit B - Section 35-27N-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.

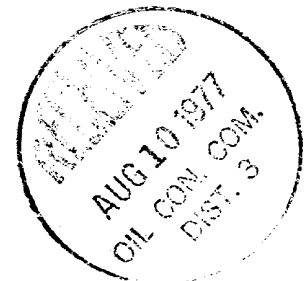
Your earliest possible consideration and approval of this application will be greatly appreciated.

Very truly yours,

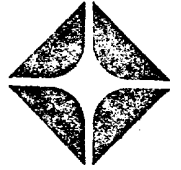

W. A. Walther, Jr.

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
1880 Lincoln St. — Suite 501
Denver, Colorado 80203
Telephone 303 573-4049



W. A. Walther, Jr.
Operations Manager

August 8, 1977

**Mailed August 8, 1977, individually, to offset operators
as set forth on Form C-107.**

Re: Hammond WN Federal, Well No. 7
Unit B - Section 35-27N-8W
San Juan County, New Mexico

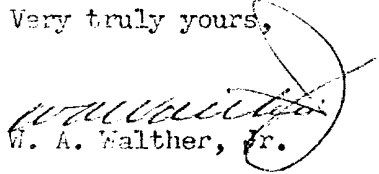
Gentlemen:

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.

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 Atlantic Richfield Company		County San Juan	Date August 8, 1977
Address 501 Lincoln Tower Building 1860 Lincoln Street, Denver, Colo. 80295		Lease Hammond WN Federal	Well No. 7
Location of Well Unit B	Section 35	Township 27 North	Range 8 West

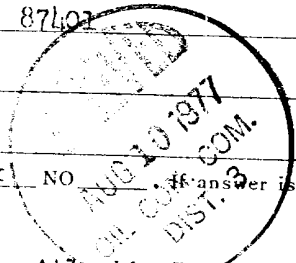
1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES NO
2. If answer is yes, identify one such instance: Order No. #1989 / Wynn & Brooks, Fed. "E" #1, Un.L, 25-271; Operator Lease, and Well No.: #1850---- W.C. Russell, Hammond #49, Un. "F", 35-271

3. The following facts are submitted:

	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Largo Chacra		Blanco Mesaverde
b. Top and Bottom of Pay Section (Perforations)	3685 - 3904'		5081 - 5204'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)
- | | | |
|---|-----------------------------|---|
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 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 to the well. |
| <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.* (Copy of letter att'd.) |
| <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.
- North - **Western Oil & Minerals, P. O. Box 191, Farmington, New Mexico 87401**
- R & G Drilling, P. O. Box 327, Farmington, New Mexico 87401**
- East - **El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico 87401**
- South - **Atlantic Richfield Company**
Wynn & Brooks, Suite 222, 3303 Lee Parkway, Dallas, Texas 75249
- West - **W. C. Russell, 2308 E. 14th Street, Farmington, New Mexico 87401**



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 August 8, 1977

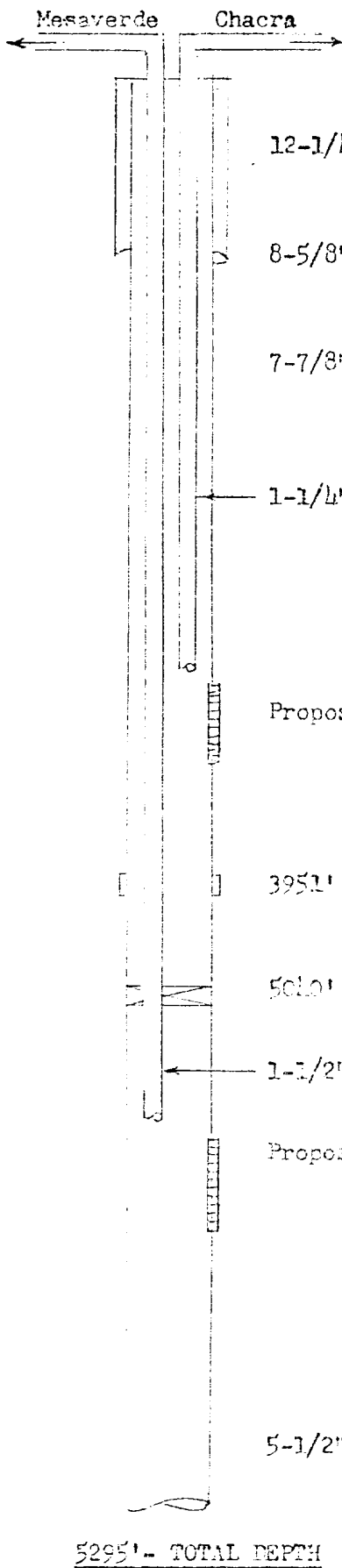
CERTIFICATE: I, the undersigned, state that I am the Operations Manager of the Atlantic Richfield Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and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

W. A. Walther, Jr.
 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 proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

HAMMOND WN FEDERAL, Well No. 7
Unit "B" - 790' f/North & 1450' f/East lines
Section 35-27N-8W, San Juan County, New Mexico



12-1/4" surface hole to 265'

8-5/8"OD 32# K-55 LT&C N casing set at 264.67', cmtd w/ 200 sx Class "B" w/ 2% CaCl, cement circulated. 2 centralizers.

7-7/8" hole to T.D.

1-1/4"OD tubing @ approx. 3680'

Proposed Chacra perfs: 1 jet shot each @
3685, 3688
3701, 03, 64, 66, 68, 70, 72
3898,
3900, 02, 04

3951' - Baker Stage Collar, did not function. Completion procedure includes running cement logs. Any zones not properly protected, will be perforated and squeezed.

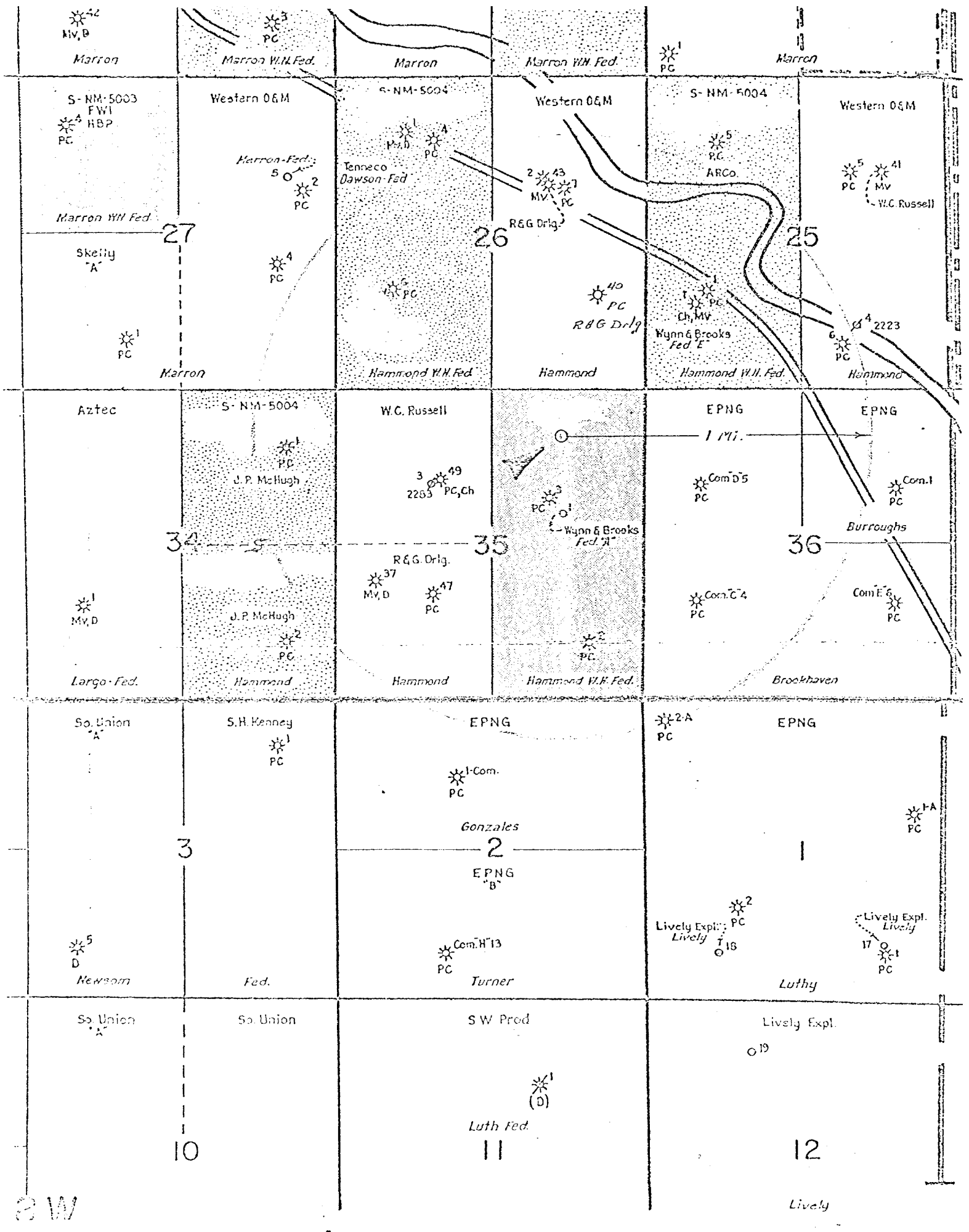
5010' - Baker Mod. "D" Production Packer

1-1/2"OD tubing @ approx. 5050'.

Proposed Mesaverde Perfs: 1 jet shot each @
5081, 84, 88, 92, 95, 98
5101, 07, 10, 12, 15, 28, 32,
5136, 45, 48, 55, 58, 95, 98
5204

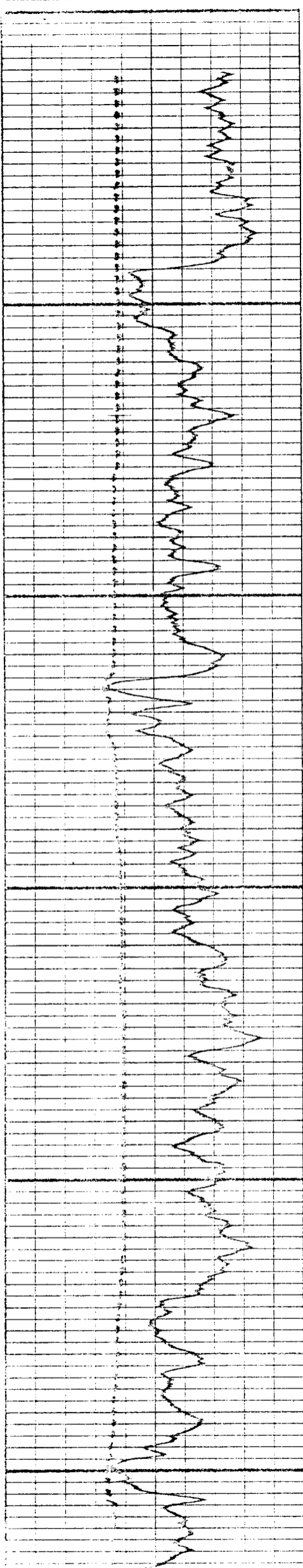
5-1/2"OD 15.5# K-55 Buttress & LT&C casing set at 5290' cmtd 1st stage w/ 100 sx 50-50 Pozmix w/ 12-1/2# gilsonite/sack followed w/ 50 sx Class "B" neat. 8 centralizers and 23 reciprocating scratchers. 100% fill - 865'. When completion commences, will run cement logs. Any zones not properly protected, will be perforated and squeezed.

5295' - TOTAL DEPTH



SW

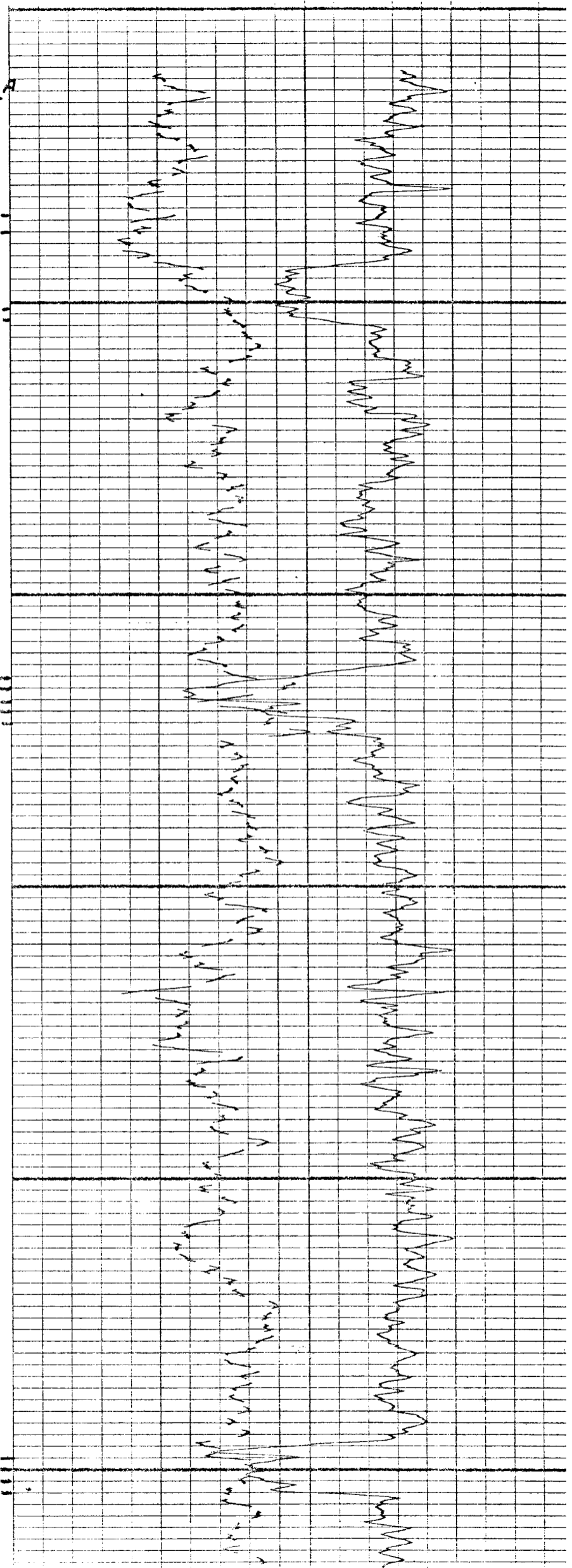
CHALBA

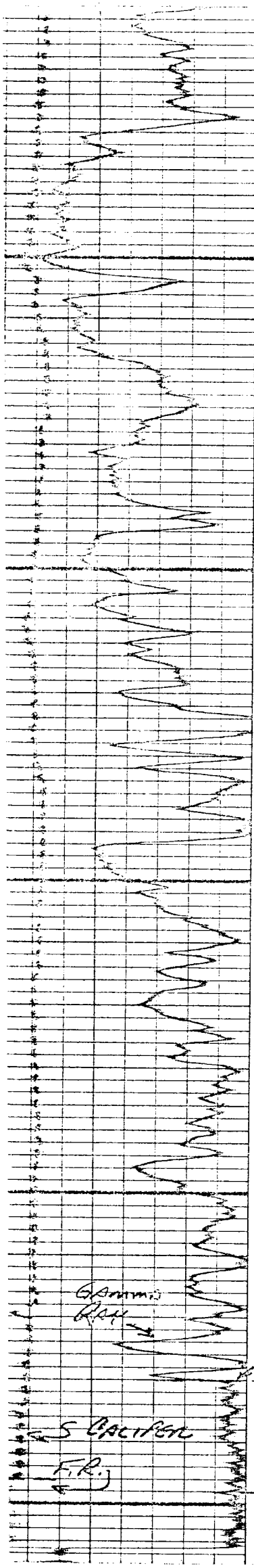


3700

3800

3900





Mesaverde

5100

5200

5300

