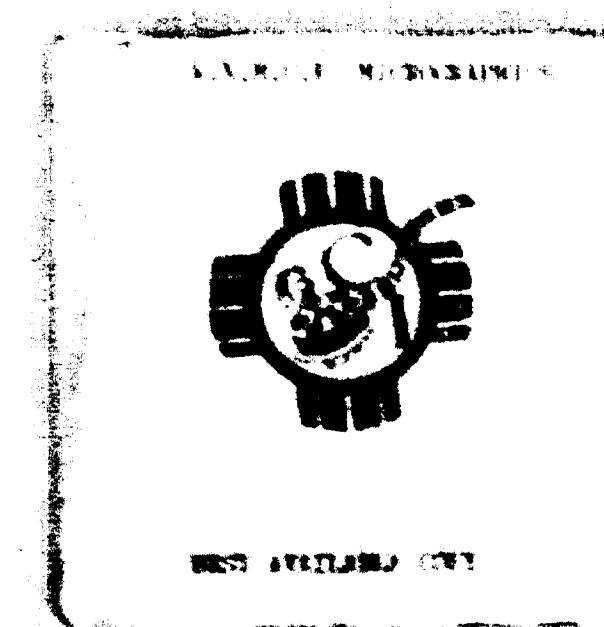


Case No.
66 70

Large Exhibits



ROUGH

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6670

Order No. R-6253 6033

APPLICATION OF BTA OIL
PRODUCERS FOR POOL CREATION
AND SPECIAL WELL RULES,
LEA COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on September 19,
1979, at Santa Fe, New Mexico, before Examiner Donald S. Miller.

Now, on this 19th day of November, 1979, the
Division Director, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required
by law, the Division has jurisdiction of this cause and the
subject matter thereof.

(2) That the applicant, BTA Oil Producers, is
the owner of the 7811 N.P. Raso lease No. 1, la-
ced 660 feet from the North line and 660
feet from the West line of Section 27, Township
25 South, Range 23 East, NMPM, Lea County,
New Mexico.

(3) That said well was drilled at an unworked
location approved by Division Order
No. R-5905, dated January 16, 1979.

(4) That said well was completed in the Devonian
formation as a producing gas well on June 29,
1979, with perforations from 17,420 feet to
17,515 feet.

(5) That the applicant herein seeks the creation
of a new gas pool for said well and the
granting of special rules therefor, in-
cluding a provision for 640-acre spacing
with well locations no closer than 660 feet
to the outer boundary of the unit.



gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

(15) That this case should be reopened at an examiner hearing in January, 1981, at which time the operators of the pool should be prepared to appear and show cause why the Red Hills Devonian Gas Pool should not be developed on 320-acre spacing units.

(16) That the application for well locations 660 feet from the outer boundary of the spacing and production unit should be denied.

IT IS THEREFORE ORDERED:

(1) That a new gas pool for Devonian production, designated the Red Hills Devonian Gas Pool, is hereby created with vertical limits comprising the Devonian formation and horizontal limits described as follows:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NADRD

Section 22: S1/2

Sections 27 and 28: R11

Sections 32 and 33: R11

(2) That temporary Special Rules and Regulations for the Red Hills Devonian Gas Pool, Red County, New Mexico, are hereby promulgated as follows:

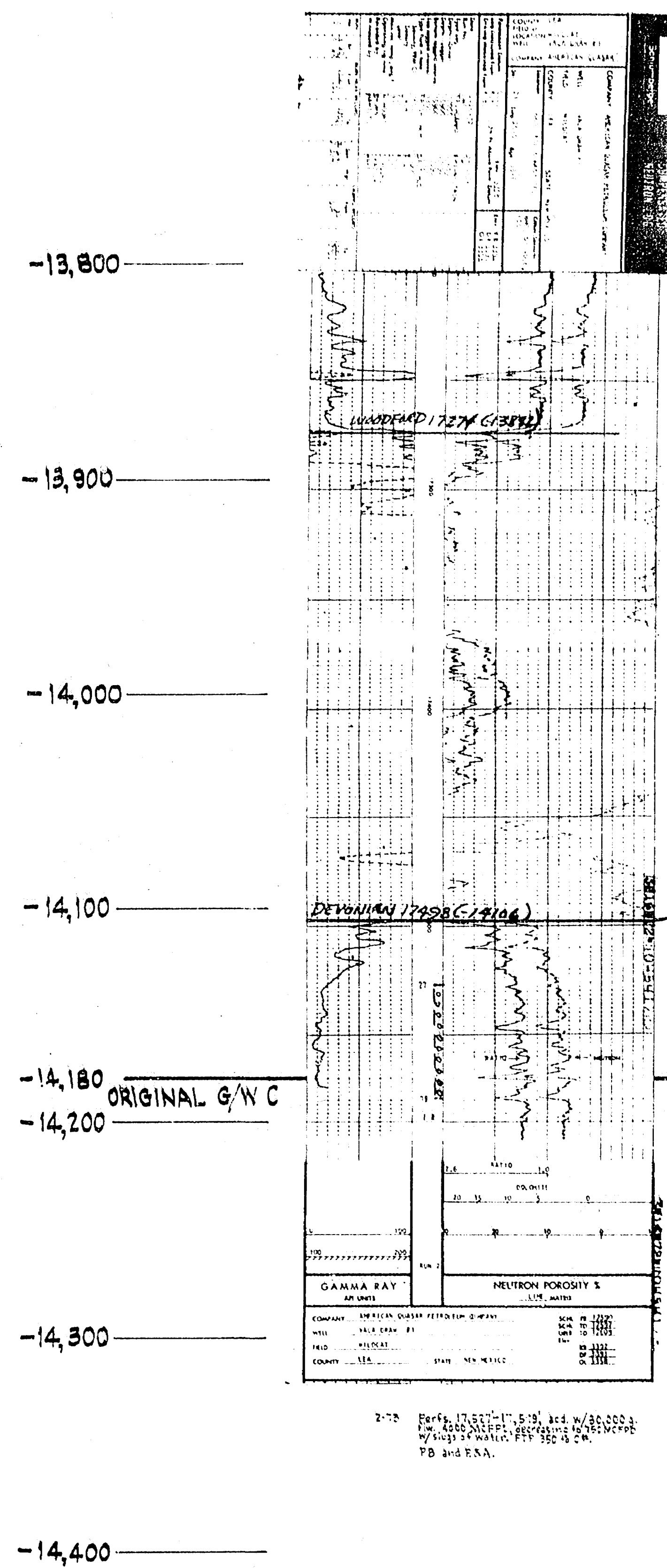
SPECIAL RULES AND REGULATIONS
FOR THE
RED HILLS DEVONIAN GAS POOL

RULE 1. Each well completed or recompleted in the Red Hills Devonian Gas Pool or in the Devonian formation within one mile thereof, and not nearer to or within the limits of another designated Devonian gas pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.



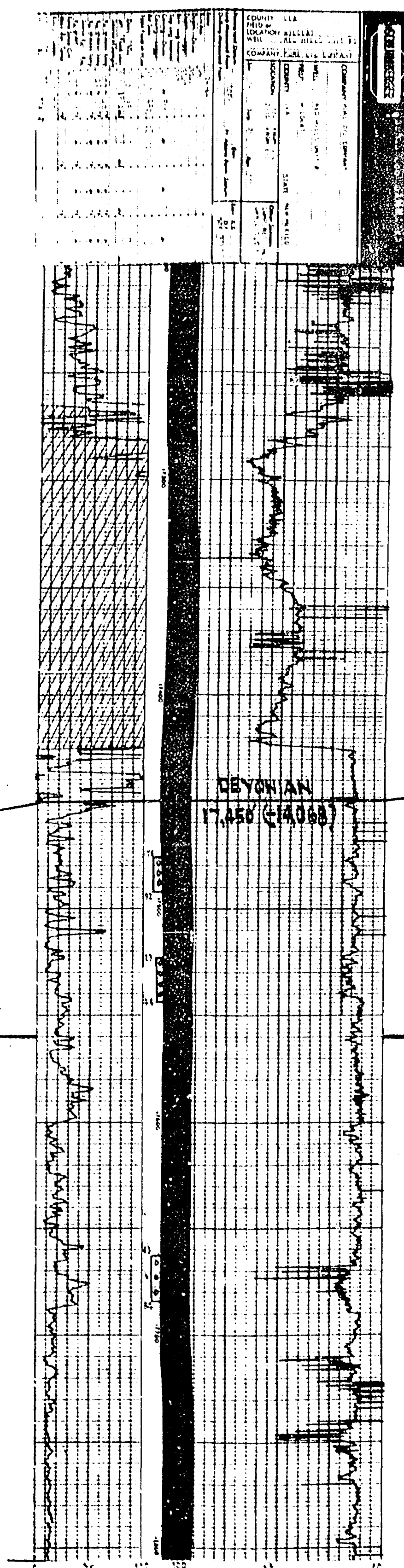
A

①
AMERICAN QUASAR
YACA DRAW, N° 1
Sec. 21, Twp. 25-S, Rge. 33-E
Elev. 3392' K.B.



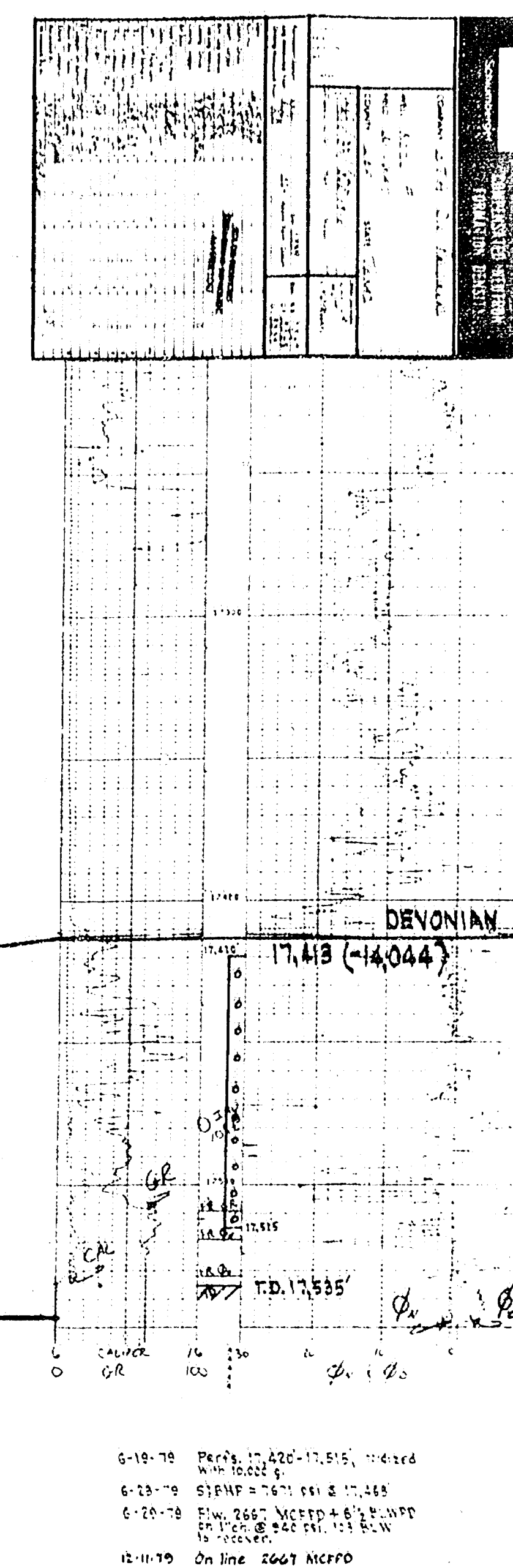
②

UNION OIL
RED HILLS UNIT, N° 1
Sec. 32, Twp. 25-S, Rge. 33-E
Elev. 3392' SCF



③

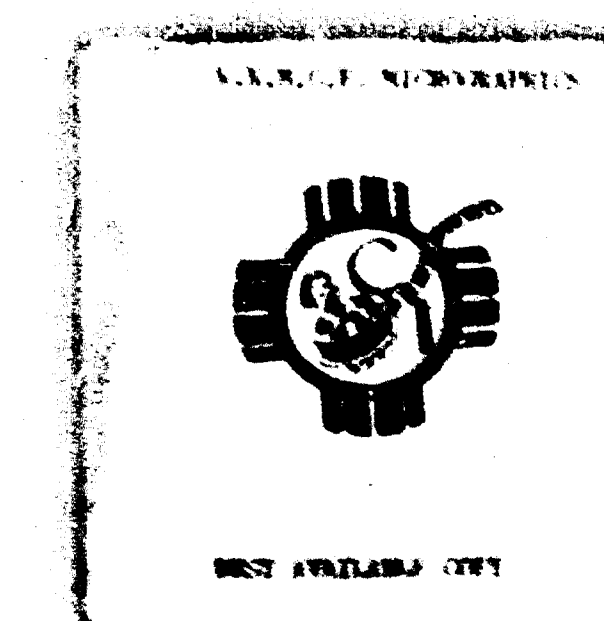
BTA OIL PRODUCERS
RED HILLS UNIT, N° 1
Sec. 21, Twp. 25-S, Rge. 33-E
Elev. 3392' K.B.



BTA OIL PRODUCERS
RED HILLS DEVONIAN FIELD
LEA COUNTY, NEW MEXICO
CROSS SECTION A-A'
CASE NO. 6670
DATE: 2-11-61
EXHIBIT NO. 3

A'

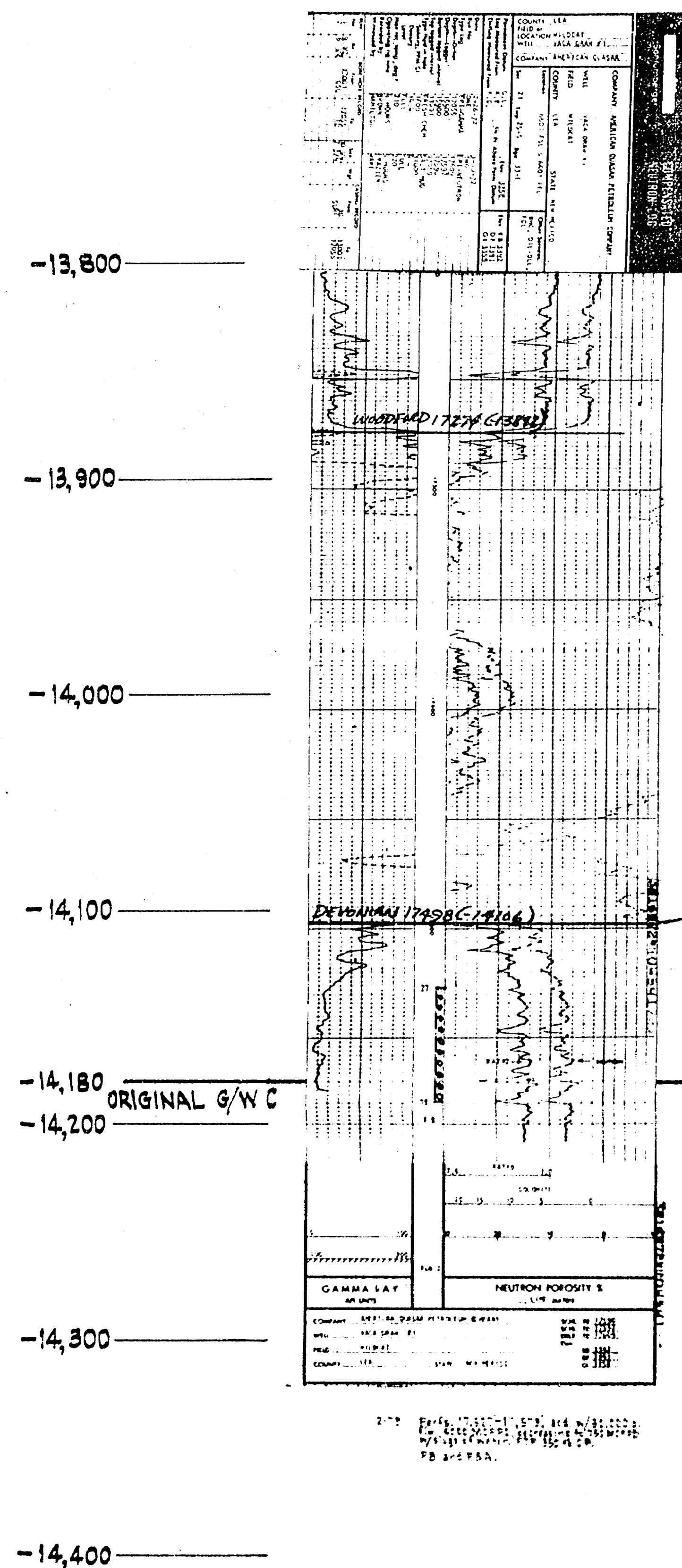
67A 6670
H 2/1/61



A

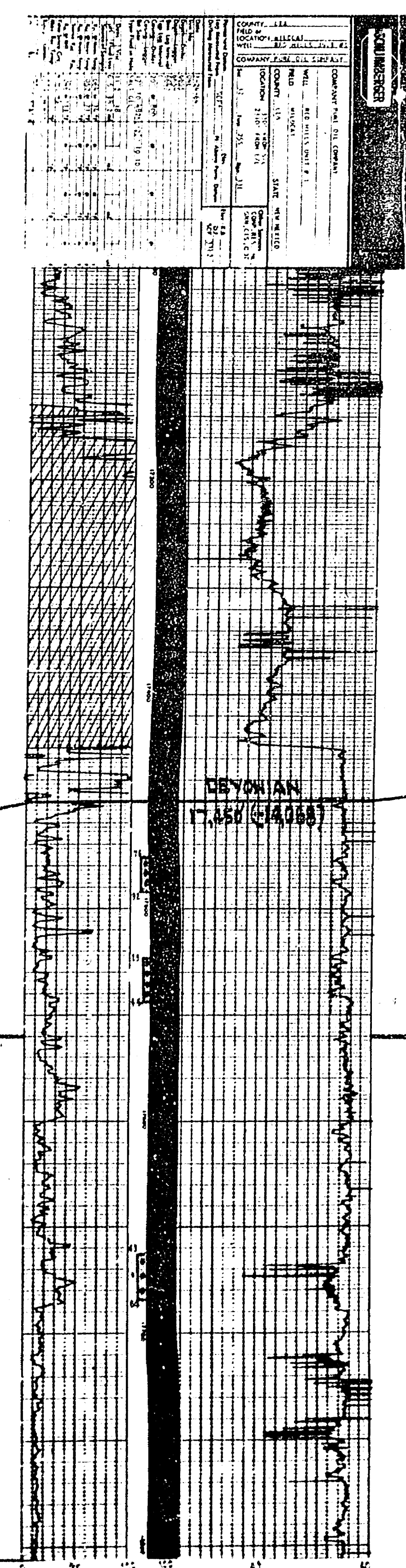
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AMERICAN QUASAR
VACA DRAW, N^o 1
Sec. 21, Twp. 25-S, Rge. 33-E
Elev. 3392' K.B.



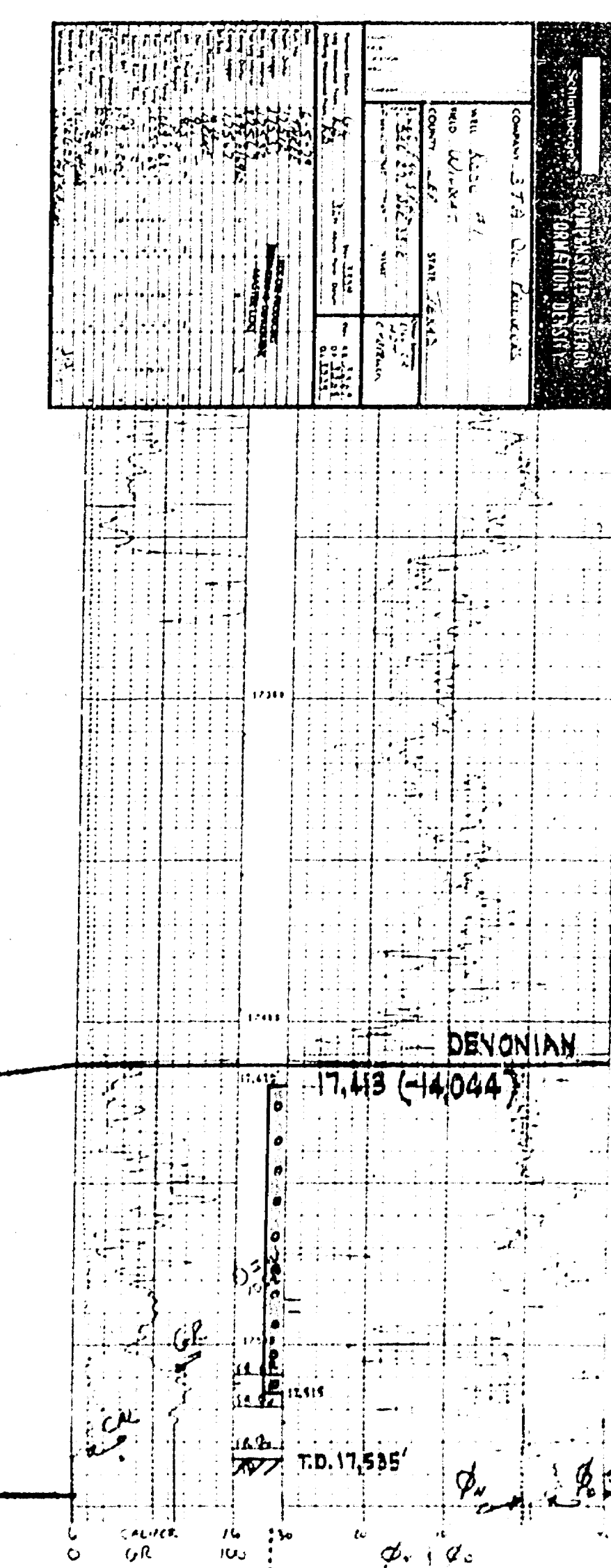
②

UNION OIL
RED HILLS UNIT, N^o 1
Sec. 32, Twp. 25-S, Rge. 33-E
Elev. 3382' SCF



③

BTA OIL PRODUCERS
ROJO, N^o 1
Sec. 27, Twp. 25-S, Rge. 33-E
Elev. 3369' K.B.

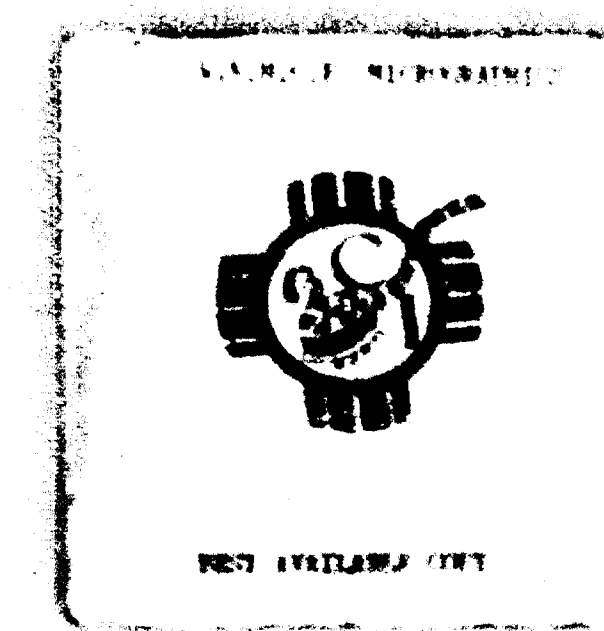


personal calc
at 115 MCF/ac ft
8.2 Bcf on 600
of 600 is above water
net of 4.2 to 1
7.8 billion to 300
2.0 to 1 net on moisture
not being to cover
8.3 million moisture which is
not to drill No. 1

BTA OIL PRODUCERS
RED HILLS DEVONIAN FIELD
LEA COUNTY, NEW MEXICO
CROSS SECTION A-A'
CASE NO. 6670
DATE: 8-10-59
EXHIBIT NO.

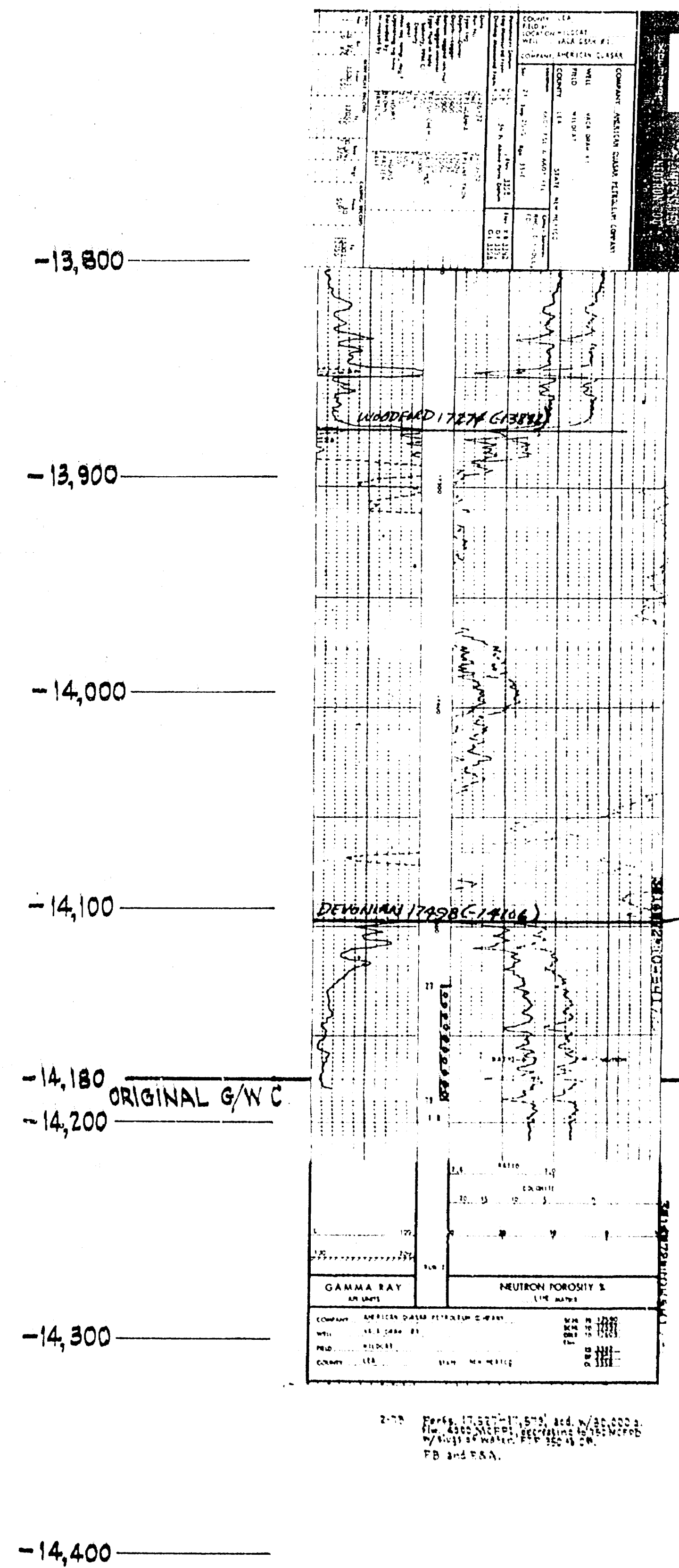
337 grains H₂S
per 100 cc cut
PPM H₂S

BEFORE EXAMINED
OIL CORPORATION
DIVISION
CASE NO. 6670



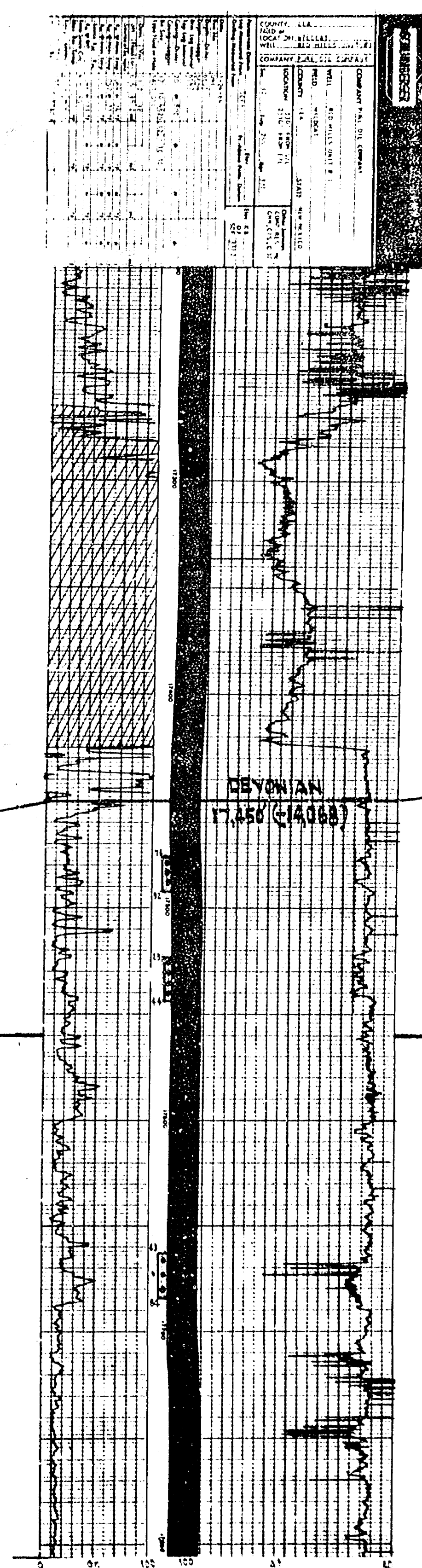
A

①
AMERICAN QUASAR
VACA DRAW, N° 1
Sec. 21, Twp. 25-S, Rge. 33-E
Elev. 3392' K.B.



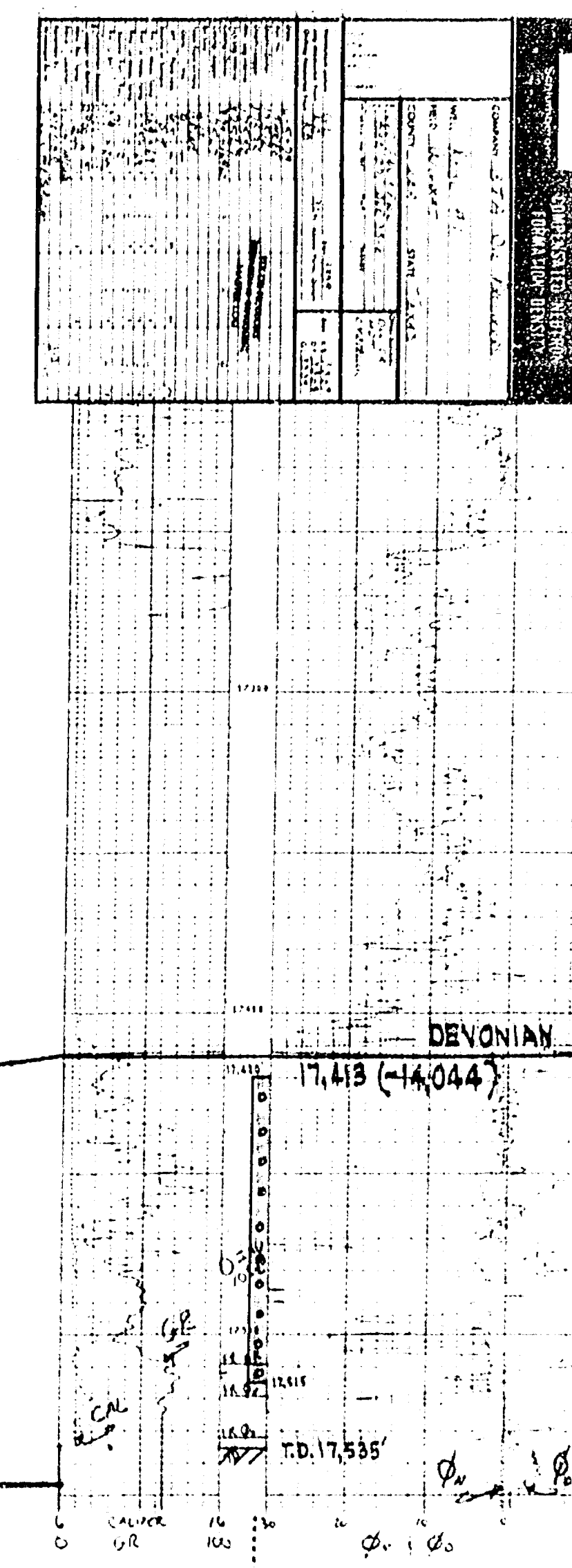
2

UNION OIL
RED HILLS UNIT, N° 1
Sec. 32, Twp. 25-S, Rge. 33-E
Elev. 3382' 50"



3

BTA OIL PRODUCERS
RD/O, N° 1
Sec. 27, Twp. 25-S, Rge. 33-E
Elev. 3389' K.B.



A'

BTA OIL PRODUCERS
RED HILLS DEVONIAN FIELD
LEA COUNTY, NEW MEXICO
CROSS SECTION A-A'
VERTICAL SCALE: 1"=40' HORIZONTAL SCALE: NONE
CASE N° 6670
DATE: 8-18-79
EXHIBIT N°

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. 17
CASE NO. 6670

