

ATLANTIC RICHFIELD COMPANY

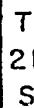
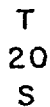
Proposed
East Blinebry Unit - East Drinkard Unit
Lea County, New Mexico

EXHIBITS 1 - 4

EXHIBITS

EXHIBIT NO 1	Unit Outline and all Wells Within Two Miles
EXHIBIT NO 1-A	Unit Outline and Previous Completions
EXHIBIT NO 1-B	USGS Letter of Approval - Blinebry
EXHIBIT NO 1-C	USGS Letter of Approval - Drinkard
EXHIBIT NO 1-D	Structure Map - Top of Blinebry Marker
EXHIBIT NO 1-E	Cross Section - North/South - Blinebry Unit
EXHIBIT NO 1-F	Cross Section - East/West - Drinkard Unit
EXHIBIT NO 1-G	Structure Map - Top Drinkard
EXHIBIT NO 1-H	Area Plat - Offset Units
EXHIBIT NO 1-I	Cross Section - North/South - Blinebry Unit
EXHIBIT NO 1-J	Cross Section - East/West - Drinkard Unit
EXHIBIT NO 2	Location Plat of Injection Wells Unit Designations
EXHIBIT NO 3	List of Injection Wells
EXHIBIT NO 4	Ownership of all Acreage

R 39 E



GL GLORIET.
Q QUEEN

NAME	DATE	TIME	LOCATION
R M MALAISE	7-77	03	7-10-77
WEST AREA ENGR			



United States Department of the Interior

GEOLOGICAL SURVEY

Box 25046

Denver Federal Center

Denver, Colorado 80225

IN REPLY REFER TO:

JAN 21 1977

Atlantic Richfield Company
Attention: Mr. Jerry Tweed
P. O. Box 1610
Midland, Texas 79701

Gentlemen:

Your application of September 1, 1976, filed with the Assistant Area Oil and Gas Supervisor, Roswell, New Mexico, requests the designation of the East Blinebry unit area embracing 3,080.00 acres, more or less, in Lea County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act as amended.

Pursuant to unit plan regulations 30 CFR 226 the land requested as outlined on your plat marked "Exhibit 'A' East Blinebry Unit" is hereby designated as a logical unit area.

Your proposed form of unit agreement will be acceptable. One copy of the proposed form is enclosed and one copy is being sent to the Oil and Gas Supervisor, Albuquerque, New Mexico. We hereby concur in the Supervisor's recommendation that the proposed basis for allocating unitized substances be accepted.

If conditions are such that further modification of said standard form is deemed necessary, three copies of the proposed modifications with appropriate justification must be submitted to this office through the Oil and Gas Supervisor for preliminary approval.

In the absence of any other type of land requiring special provisions or of any objections not now apparent, a duly executed agreement identical to the form returned herewith will be approved if submitted in approvable status within a reasonable period of time.

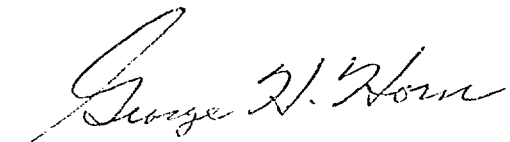


EXHIBIT 1-B

However, notice is hereby given that the right is reserved to deny approval of any executed agreement submitted which, in our opinion, does not have the full commitment of sufficient lands to afford effective control of operations in the unit area.

When the executed agreement is transmitted to the Supervisor for approval include the latest status of all acreage. In preparation of Exhibits "A" and "B", follow closely the format of the sample exhibits attached to the standard form of unit agreement for unproved areas (1968 reprint).

Sincerely yours,

A handwritten signature in cursive script, reading "George W. Horn". The signature is written in dark ink and is positioned above the typed name and title.

Regional Conservation Manager
For the Director

Enclosure



IN REPLY REFER TO:

United States Department of the Interior

GEOLOGICAL SURVEY

Box 25016

Denver Federal Center

Denver, Colorado 80225

JAN 21 1977

Atlantic Richfield Company
Attention: Mr. Jerry Tweed
P. O. Box 1610
Midland, Texas 79701

Gentlemen:

Your application of September 1, 1976, filed with the Assistant Area Oil and Gas Supervisor, Roswell, New Mexico, requests the designation of the East Drinkard unit area embracing 3,080.00 acres, more or less, in Lea County, New Mexico, as logically subject to exploration and development under the unitization provisions of the Mineral Leasing Act as amended.

Pursuant to unit plan regulations 30 CFR 226 the land requested as outlined on your plat marked "Exhibit 'A' East Drinkard Unit" is hereby designated as a logical unit area.

Your proposed form of unit agreement will be acceptable. One copy of the proposed form is enclosed and one copy is being sent to the Oil and Gas Supervisor, Albuquerque, New Mexico. We hereby concur in the Supervisor's recommendation that the proposed basis for allocating unitized substances be accepted.

If conditions are such that further modification of said standard form is deemed necessary, three copies of the proposed modifications with appropriate justification must be submitted to this office through the Oil and Gas Supervisor for preliminary approval.

In the absence of any other type of land requiring special provisions or of any objections not now apparent, a duly executed agreement identical to the form returned herewith will be approved if submitted in approvable status within a reasonable period of time.

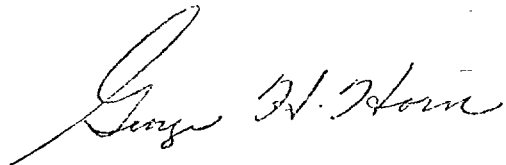


EXHIBIT 1-C

However, notice is hereby given that the right is reserved to deny approval of any executed agreement submitted which, in our opinion, does not have the full commitment of sufficient lands to afford effective control of operations in the unit area.

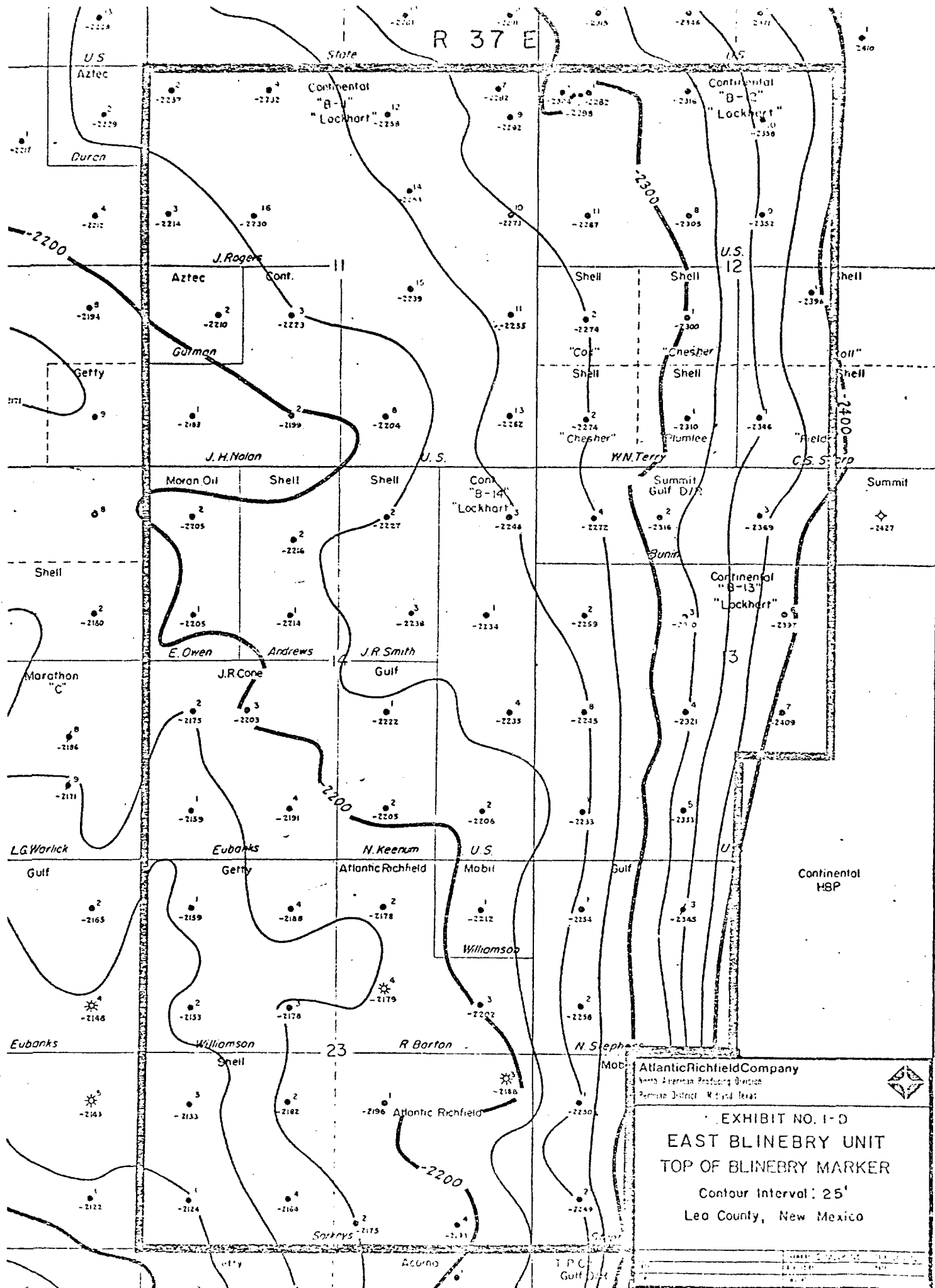
When the executed agreement is transmitted to the Supervisor for approval include the latest status of all acreage. In preparation of Exhibits "A" and "B", follow closely the format of the sample exhibits attached to the standard form of unit agreement for unproved areas (1968 reprint).

Sincerely yours,

A handwritten signature in cursive script, reading "George W. Horn".

Regional Conservation Manager
For the Director

Enclosure



WEST

SHELL OIL
STATE NO.3
SEC.15, 2210FNL-2310FEL
T21S-R37E
E1.3439

SHELL OIL
STATE NO.2
SEC.15, 1980FNL-660FEL
T21S-R37E
E1.3440

MORAN OIL
OWEN NO.2
SEC.14, 660FNL 8FWL
T21S-R37E
E1.3442

SHELL OIL
ANDREWS NO.1
SEC.14, 1980FNL 8FWL
T21S-R37E
E1.3412

SHELL OIL
SMITH NO.3
SEC.14, 1980FNL 1650FEL
T21S-R37E
E1.3427

CONTINENTAL OIL
LOCKHART B-14 A NO.1
SEC.14, 1980 FNL-660FEL
T21S-R37E
E1.3432

CONTINENTAL OIL
LOCKHART B-13 A NO.2
SEC.13, 1980FNL 660FWL
T21S-R37E
E1.3431

CONTINENTAL OIL
LOCKHART B-13 A NO.3
SEC.13, 1980FNL 8FWL
T21S-R37E
E1.3438

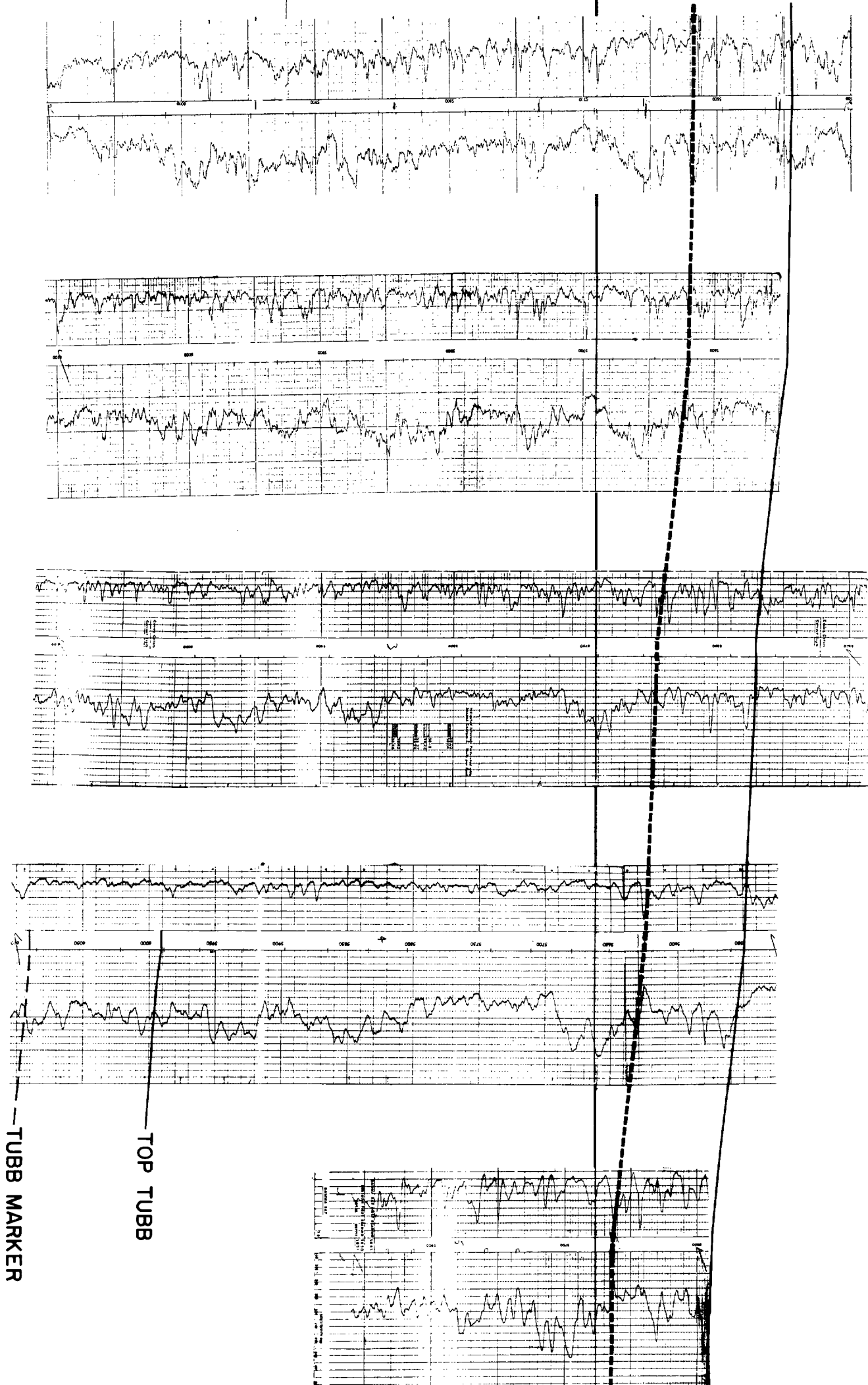
CONTINENTAL OIL
LOCKHART B-13 A NO.6
SEC.13, 1980FNL 8FWL
T21S-R37E
E1.3449

EAST

BLINEBRY TOP

BLINEBRY MARKER

-2250-



-2250-

BLINEBRY TOP

BLINEBRY MARKER



AtlanticRichfieldCompany
North American Producing Division
Primary District, Midland, Texas

EXHIBIT NO. 1-F

EAST BLINEBRY UNIT
LEA COUNTY, NEW MEXICO
WEST-EAST

CROSS-SECTION
TOP BLINEBRY

By S. S. BARTON, L. PHILLIPS, and W. M. ENG.
Checked by C. C. KENNEDY, Date 2/17/71
Plotted by B. S. Date 8/17/78
Scale 1" = 100'

NORTH

GULF OIL
LEONARD NO 11
SEC. 2, 2970 FSL, 990 FEL
T21S-R37E
E1.3510

GULF OIL
LEONARD NO 9
SEC. 2, 1650 FSL, 990 FEL
T21S-R37E
E1.3492

GULF OIL
HARRY LEONARD NO. 5
SEC. 2, 555 FSL, 555 FEL
T21S-R37E
E1.3482

CONTINENTAL OIL
LOCKHART B-11 NO. 9
SEC. 11, 660 FNL, 330 FEL
T21S-R37E
E1.3468

CONTINENTAL OIL
LOCKHART B-11 NO. 10
SEC. 11, 980 FNL, 330 FEL
T21S-R37E
E1.3455

CONTINENTAL OIL
LOCKHART B-11 NO. 11
SEC. 11, 980 FSL, 330 FEL
T21S-R37E
E1.3445

CONTINENTAL OIL
LOCKHART B-11 NO. 13
SEC. 11, 660 FSL, 330 FEL
T21S-R37E
E1.3438

CONTINENTAL OIL
LOCKHART B-14 A NO. 3
SEC. 14, 660 FNL, 330 FEL
T21S-R37E
E1.3436

CONTINENTAL OIL
LOCKHART B-14 A NO. 1
SEC. 14, 980 FNL, 660 FEL
T21S-R37E
E1.3432

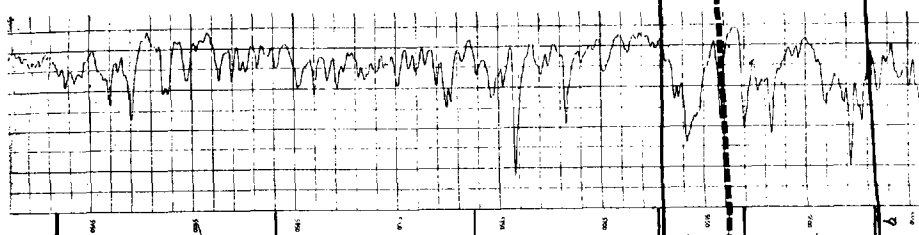
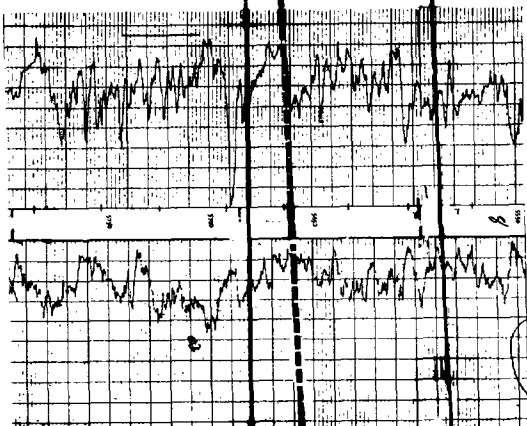
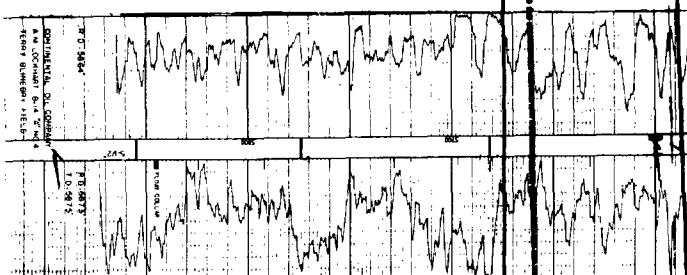
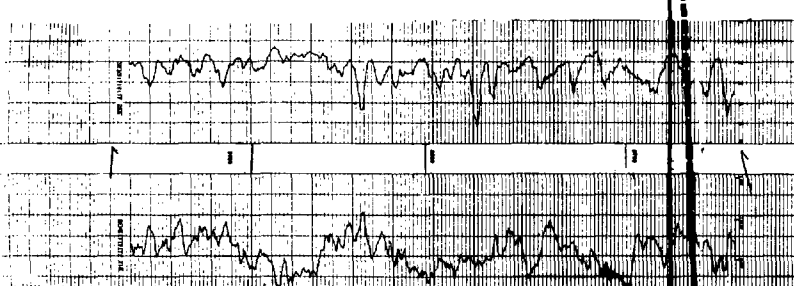
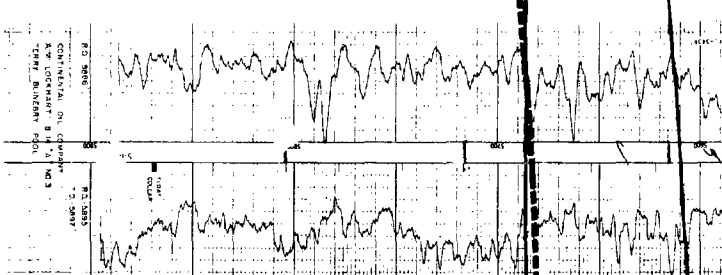
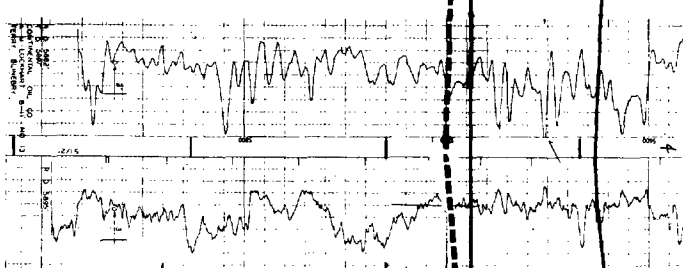
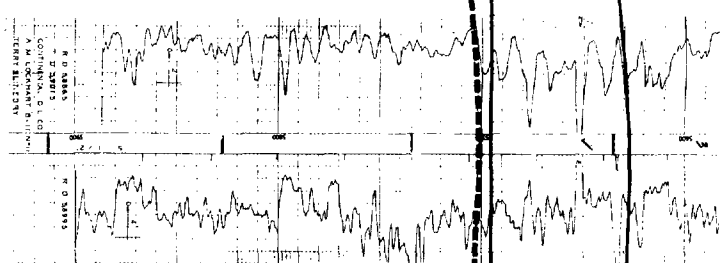
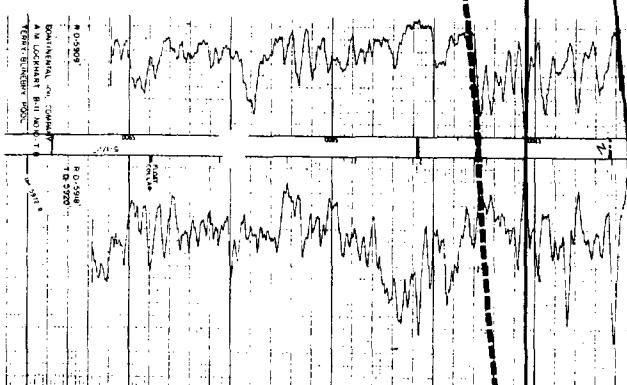
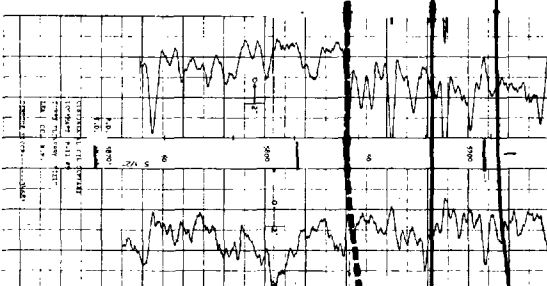
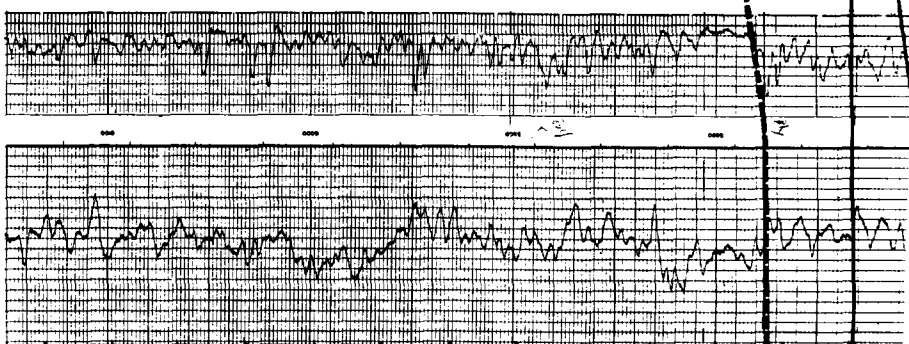
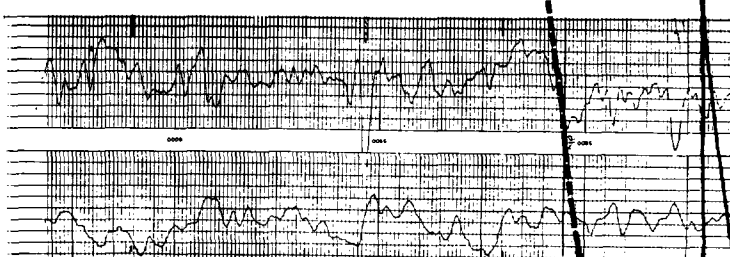
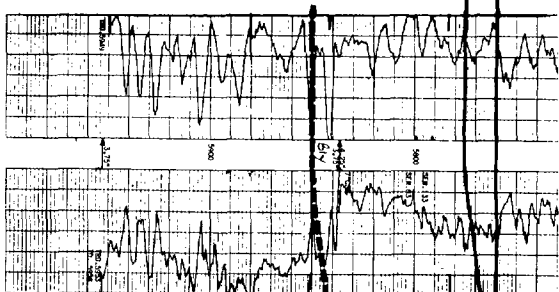
CONTINENTAL OIL
LOCKHART B-14 A NO. 4
SEC. 14, 980 FSL, 660 FEL
T21S-R37E
E1.3425

CONTINENTAL OIL
LOCKHART B-13 A NO. 1
SEC. 13, 660 FSL, 660 FNL
T21S-R37E
E1.3432

MOBIL OIL
WILLIAMSON A
SEC. 23, 660 FNL
T21S-R37E
E1.3420

—2250
BLINEBRY TOP

BLINEBRY MARKER



SOUTH

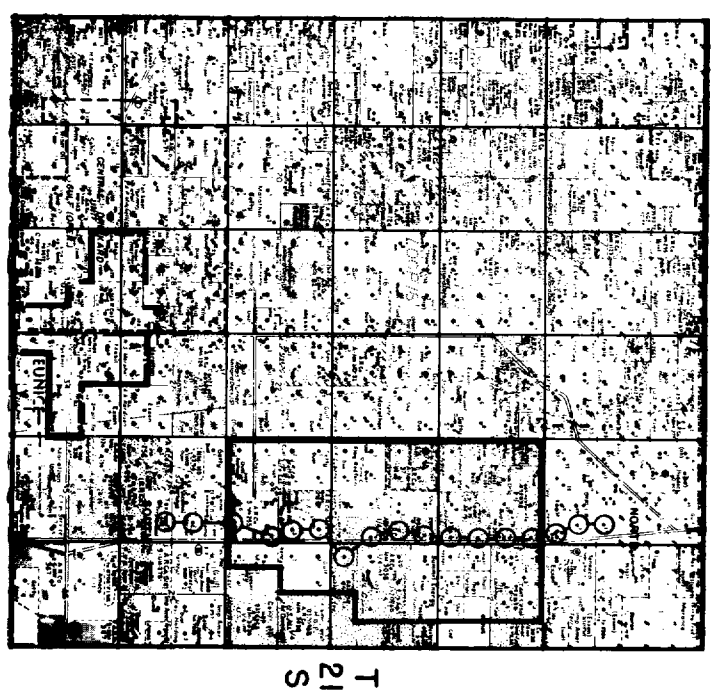
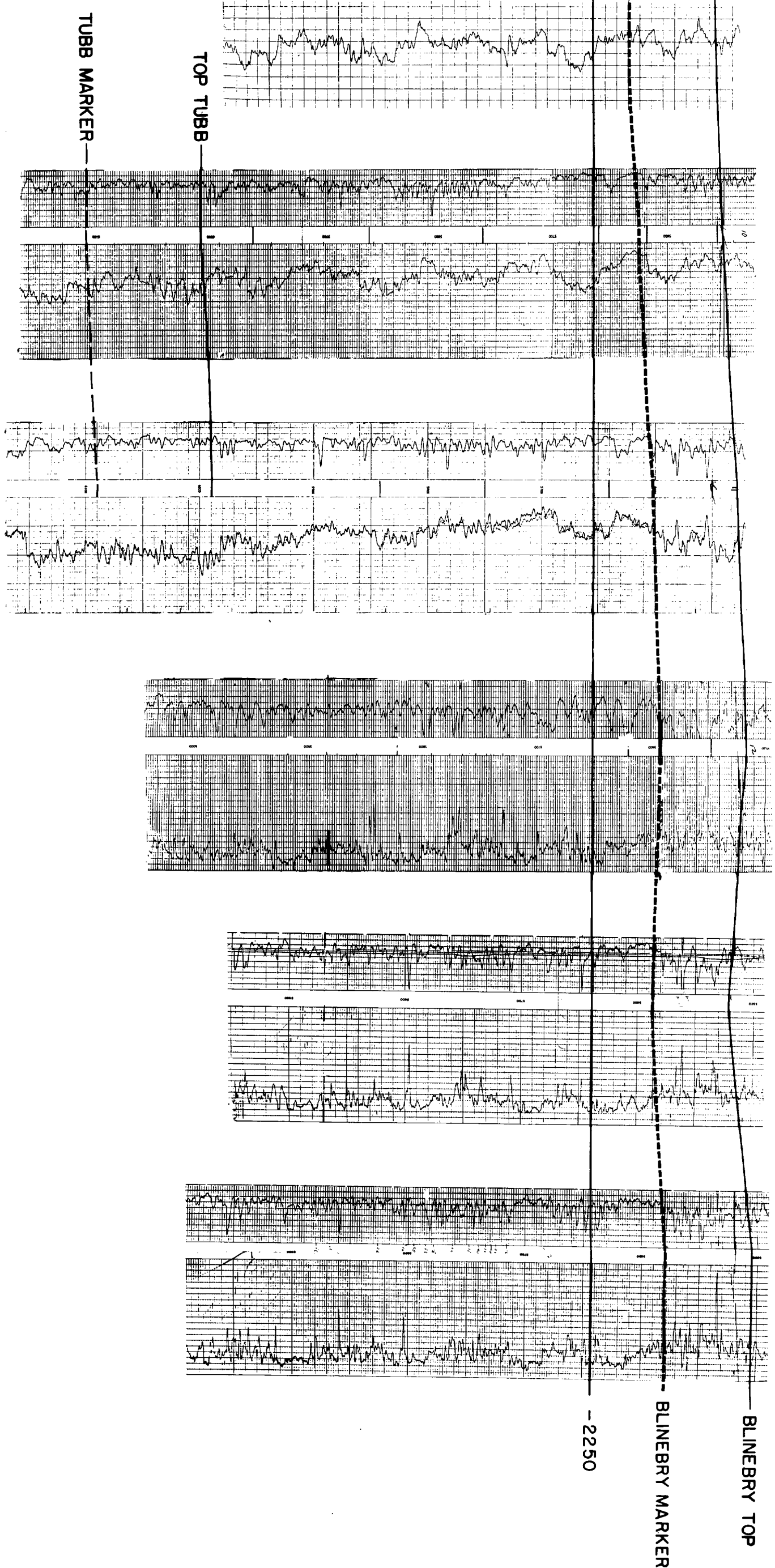
ARCO
BARTON NO.3
SEC.23,1980FNL,660FEL
T2IS-R37E
EI.3404

ARCO
SARKEYS NO.3
SEC.23,230FSL-330FEL
T2IS-R37E
EI.3405

ARCO
SARKEYS NO.4
SEC.23,990FEL-330FSL
T2IS-R37E
EI.3401

HARPER OIL
S.J. SARKEYS NO.2
SEC.26,1650FNL,990FEL
T2IS-R37E
EI.3389

TEXAS PACIFIC OIL
S.E. CONE NO.2
SEC.26,2310FSL,990FEL
T2IS-R37E
EI.3394



AtlanticRichfieldCompany

North American Producing Division

Permian District Midland, Texas

EXHIBIT NO. 1-E

EAST BLINEBRY UNIT

LEA COUNTY, NEW MEXICO

NORTH-SOUTH

CROSS - SECTION

TOP BLINEBRY

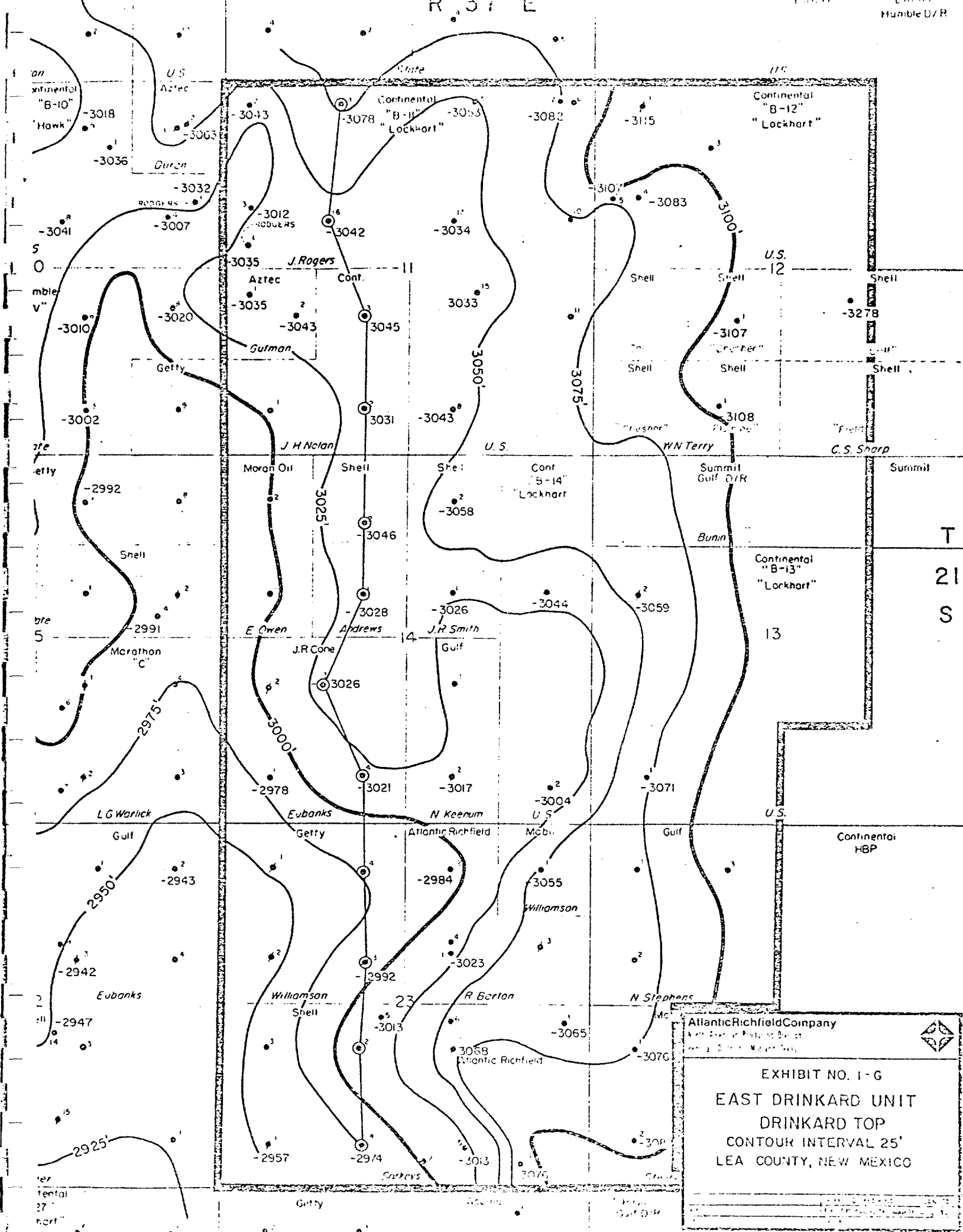
W. S. BARTON (LH PRAM)

Geology, C. Anderson, 2-17-71

Checked, B. E. S. Date, 8-17-76

Drawn, M. ENG

Page No.



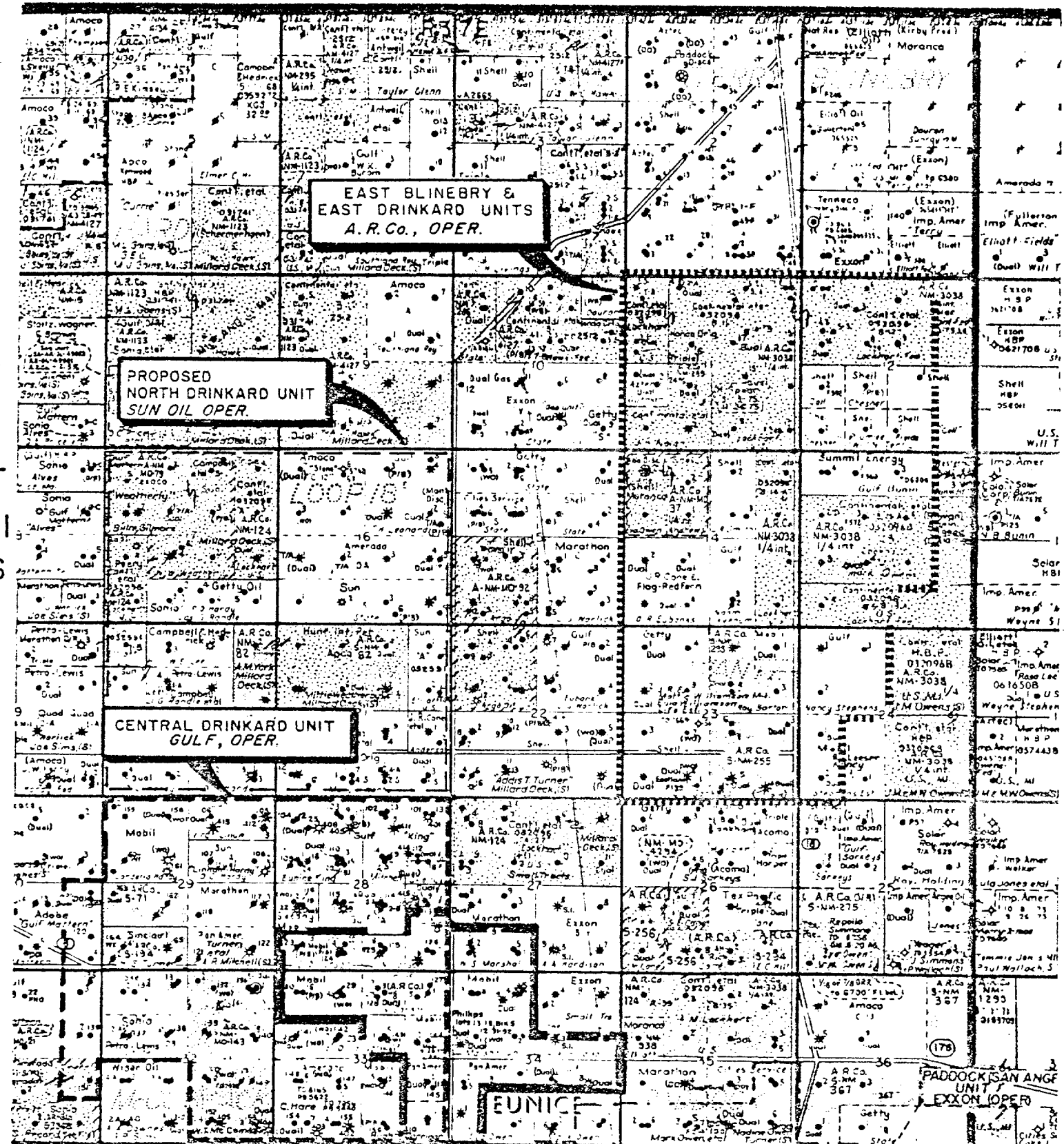


EXHIBIT I-H
EAST BLINEBRY
AND
EAST DRINKARD UNITS
LEA COUNTY, NEW MEXICO

SCALE 1" = 4000'