

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 21, 1968

C
Mr. Booker Kelly
White, Gilbert, Koch & Kelly
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

O
Dear Sir:

Enclosed herewith is Commission Order No. R-3583, entered in Case No. 3934, approving the Texaco Drinkard Henderson Waterflood Project.

P
Injection is to be through the one authorized water injection well, which shall be equipped with a string of 1-inch internally plastic-coated tubing hung in the 2 3/8-inch casing to a depth of approximately 6600 feet. The casing-tubing annulus shall be loaded with kerosene.

Y
As to allowable, our calculations indicate that when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 298 barrels per day when the Southeast New Mexico normal unit allowable is 42 barrels per day or less.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate district proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i.e., when

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C active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

O Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

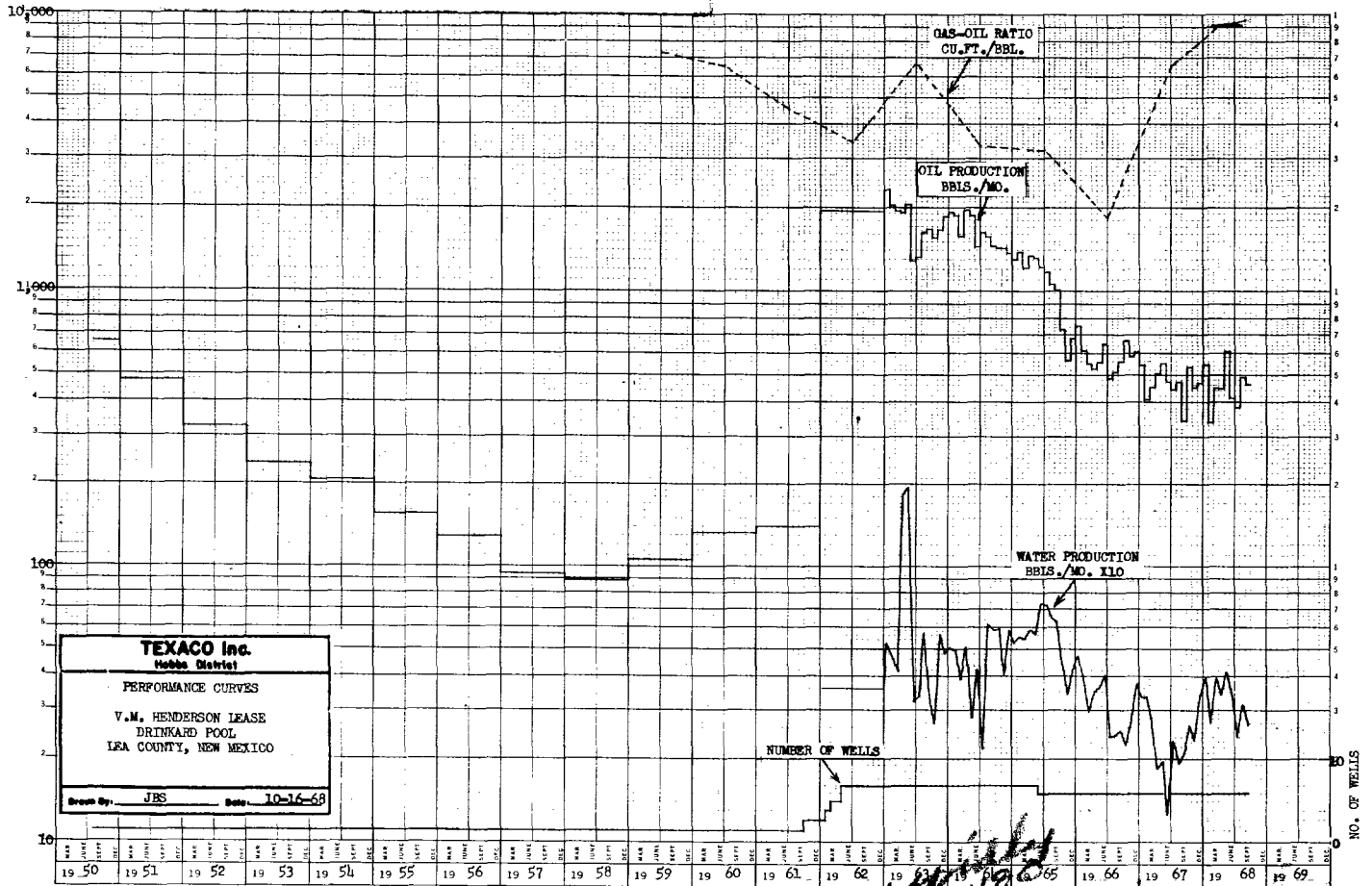
P ALP/DSN/ir

Y Enclosure

cc: Oil Conservation Commission
Hobbs, New Mexico

Mr. D. E. Gray
State Engineer Office
Santa Fe, New Mexico

BEFORE EXAMINER REVIEWED
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 3984



initial water
inj. 250 bopd @ about 2500 psi
increasing to 1000-1100
350-375 may
5 wells on 200
35 BOPD / well

2-3/8 " Production casing
Cemented with 1320 sacks. Top
of cement at 1500'.

11-3/4" Casing set
at 329'. Cemented
with 300 sacks.
Cement circulated.

8-5/8 " casing set at 3000'
Cemented with 1750 sacks.
Top of cement unknown.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Appl EXHIBIT NO. 3
CASE NO. 3934

Name: Penrose Skelly
Perforated: 3638' to 3790'

Name: Paddock
Perforated: 5174' to 5184'

1" internally plastic coated
tubing at approx. 6600'
Tubing casing annulus to be
loaded with kerosene.

Name: Drinkard
Perforated: 6618' to 6730'

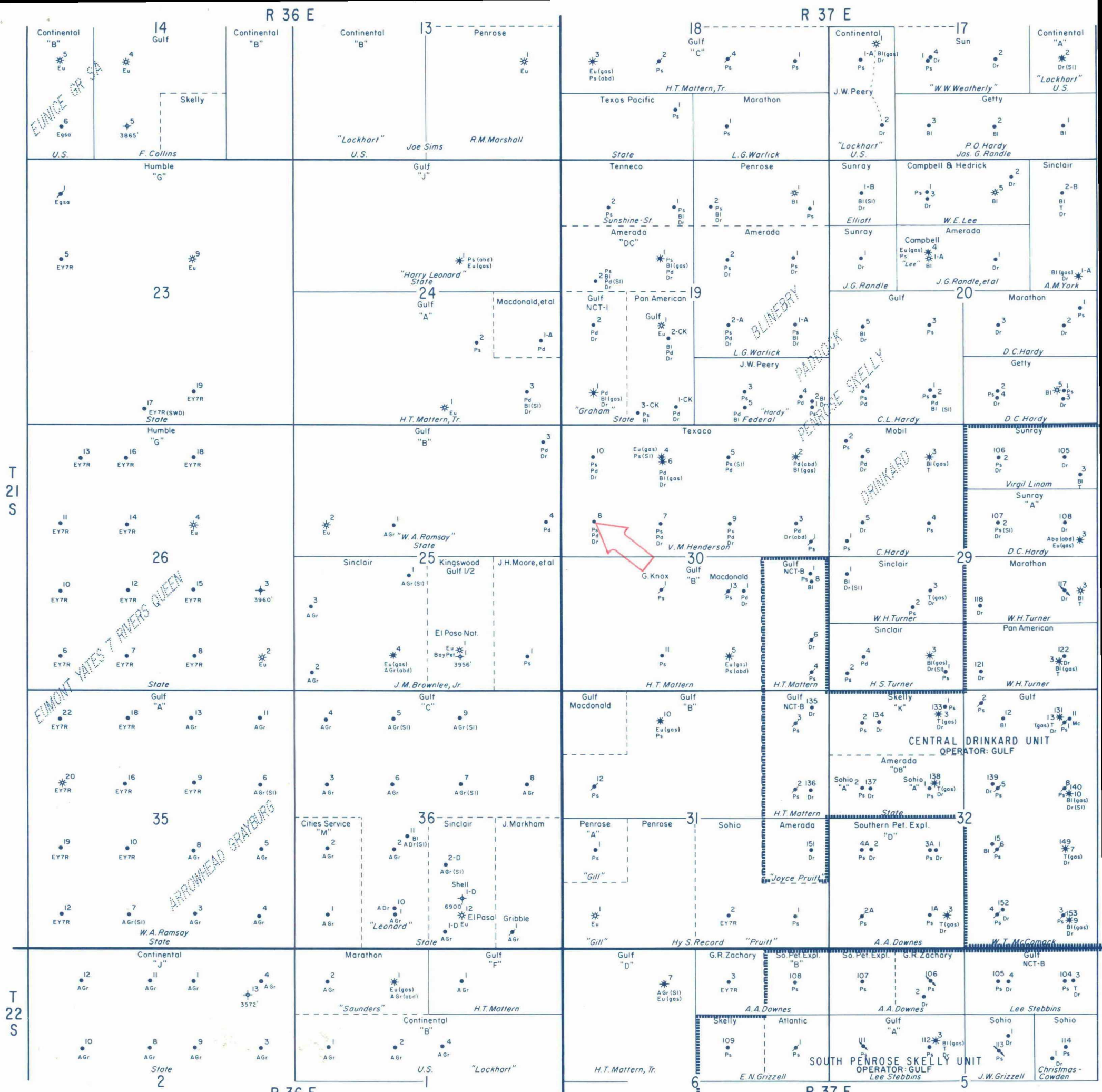
PROPOSED INJECTION INTERVAL

Total Depth at 6748'

TEXACO Inc.

DIAGRAMMATIC SKETCH OF PROPOSED INJECTION WELL

Name: V.M. HENDERSON NO. 8
Field: DRINKARD
Date: 8-30-68



ABBREVIATIONS:
Eu - EUMONT QUEEN GAS
EY7R - EUMONT YATES 7 RIVERS QUEEN
Ps - PENROSE SKELLY
AGr - ARROWHEAD GRAYBURG
ADr - ARROWHEAD DRINKARD
Egsa - EUNICE GRAYBURG SAN ANDRES
Pd - PADDOCK
Bl - BLINEBRY
T - TUBB
Dr - DRINKARD
Abo - WANTZ ABO
Mc - MCCORMACK SILURIAN

TEXACO Inc.
TEXACO'S V.M. HENDERSON LEAS
LEA COUNTY, NEW MEXICO
SCALE: 0' 1000' 2000'
330' 660' 1980'
FMR 9-9-68

2-3/8 " Production casing
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with 300 sacks.
Cement circulated.

8-5/8 " casing set at 3000'
Cemented with 1750 sacks.
Top of cement unknown.

2-3/8" Casing set at 5329'

2-3/8" Casing set at 6711'

2-3/8" Casing set at 6711'

Total depth at 6711'

Name: Penrose Skelly
Perforated: 3638' to 3790'

Name: Paddock
Perforated: 5174' to 5184'

1" internally plastic coated
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Tubing casing annulus to be
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Name: Drinkard
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PROPOSED INJECTION INTERVAL

TEXACO Inc.

DIAGRAMMATIC SKETCH OF PROPOSED INJECTION WELL

Name: V.M. HENDERSON NO. 8
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Card 3934