

TEXACO  
INC.

PETROLEUM PRODUCTS



DOMESTIC PRODUCING DEPARTMENT  
MIDLAND DIVISION

*11-12-66  
880 acres  
Feet Land*

*Unit  
Case 3378*

March 24, 1966

REQUEST FOR HEARING  
UNITIZATION AND SECONDARY RECOVERY  
SKAGGS (GRAYBURG) OIL POOL  
LEA COUNTY, NEW MEXICO

Secretary Director  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

*Approved  
(Paul Whinham  
to DSD 4/10/66)*

Dear Sir:

As provided by Rule 1203, Texaco Inc. hereby submits in triplicate a request for an Examiner Hearing in Santa Fe, New Mexico, to consider an application for unitizing and waterflooding ten tracts comprising a total area of approximately 880 acres in the Skaggs (Grayburg) Oil Pool in Lea County, New Mexico. The Unit Agreement has currently been ratified by 92.1 percent of the total working interest and 75.0 percent of the total royalty interest in the unit. It is planned to convert ten of the twenty-two producing wells on these tracts to injectors, as shown by the attached plat. Injection will be into the Grayburg formation of Permian Age at an average depth of 3700 feet to 3950 feet. It is anticipated that initial injection rates will be approximately 200 to 500 barrels of water per day per well.

Fresh water is to be used for the injection fluid which is available from a fresh water supply well located 745' FNL and 300' FEL of Section 13, T-20-S, R-37-E. This well was drilled under Texaco's Water Permit L-4412 approved by the State Engineer in the Lea County Shallow Underground Basin in April, 1964 and is designated as Water Source Well No. L-4412. Upon completion, it tested for 200 gallons per minute. Two more water source wells are to be drilled and they will be positioned on a line running North-South through the existing well. The location of Water Supply Well No. L-4412-S has been filed with and approved by the State Engineer.

Oil Conservation Commission of New Mexico Order No. 4-1710, effective June 10, 1960, authorizes Continental Oil Company to waterflood the Grayburg formation on its Southeast Monument Unit, Skaggs Pool, Lea County, New Mexico, immediately to the south of the subject area. The subject waterflood project will be in cooperative agreement with Continental.

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DOCKET MAILED

Date 4-15-66

In compliance with Rule 701 of the New Mexico Oil Conservation Commission rules, we are including with this application for Examiner Hearing, a plat of the project area, a representative radioactive log, a diagrammatic sketch of a proposed injection well showing all information relevant to its current completion and proposed conversion to injection, a list of the fourteen working interest owners with addresses and a list of the six offset operators with addresses. Detailed information as required under this rule is being compiled at this time and will be furnished at the hearing.

A copy of this application and all attachments are being forwarded under separate cover on this date to the State Engineer's Office, Capitol Building, Santa Fe, New Mexico, requesting the approval of that office for this proposed waterflood project. A copy of this letter and all attachments except the well log are also being mailed this date to all offset operators and working interest owners.

Yours very truly,



C. L. Whigham  
Division Proration Engineer

CLW:jl

Attachments

NMOCC - Hobbs  
State Engineer  
LCW JSR HDR  
Offset Operators

SKAGGS GRAYBURG UNIT  
LEA COUNTY, NEW MEXICO

WORKING INTEREST OWNERS

1. Dick Bench  
901 W. Missouri  
Midland, Texas
2. B. H. Oil Company  
901 W. Missouri  
Midland, Texas
3. D. O. Bomar  
Wilkinson-Foster Bldg.  
Midland, Texas
4. B. R. Creathouse  
Midland National Bank Bldg.  
Midland, Texas
5. J. E. Hall  
501 W. Scharbauer  
Midland, Texas
6. R. A. Hefner, III  
901 W. Missouri  
Midland, Texas
7. Hisson Drlg. Co.  
901 W. Missouri  
Midland, Texas
8. R. J. Hisson  
901 W. Missouri  
Midland, Texas
9. Manor Oil Co.  
901 W. Missouri  
Midland, Texas
10. David L. Morgan  
901 W. Missouri  
Midland, Texas
11. J. R. Sharp  
2804 Sentinel  
Midland, Texas
12. B. L. Sweet  
P. O. Box 51  
Hobbs, New Mexico
13. Texaco Inc.  
P. O. Box 3109  
Midland, Texas  
Attn.: Mr. T. W. Doyle
14. The Fluor Corporation Ltd.  
Midland Tower Bldg.  
Midland, Texas

*Case 3398*

**OFFSET OPERATORS**  
**PROPOSED SKAGGS GRAYBURG UNIT**  
**SKAGGS (GRAYBURG) OIL POOL**  
**LEA COUNTY, NEW MEXICO**

**Amerada Petroleum Corporation**  
**P. O. Box 668**  
**Hobbs, New Mexico**

**Cities Service**  
**P. O. Box 69**  
**Hobbs, New Mexico**

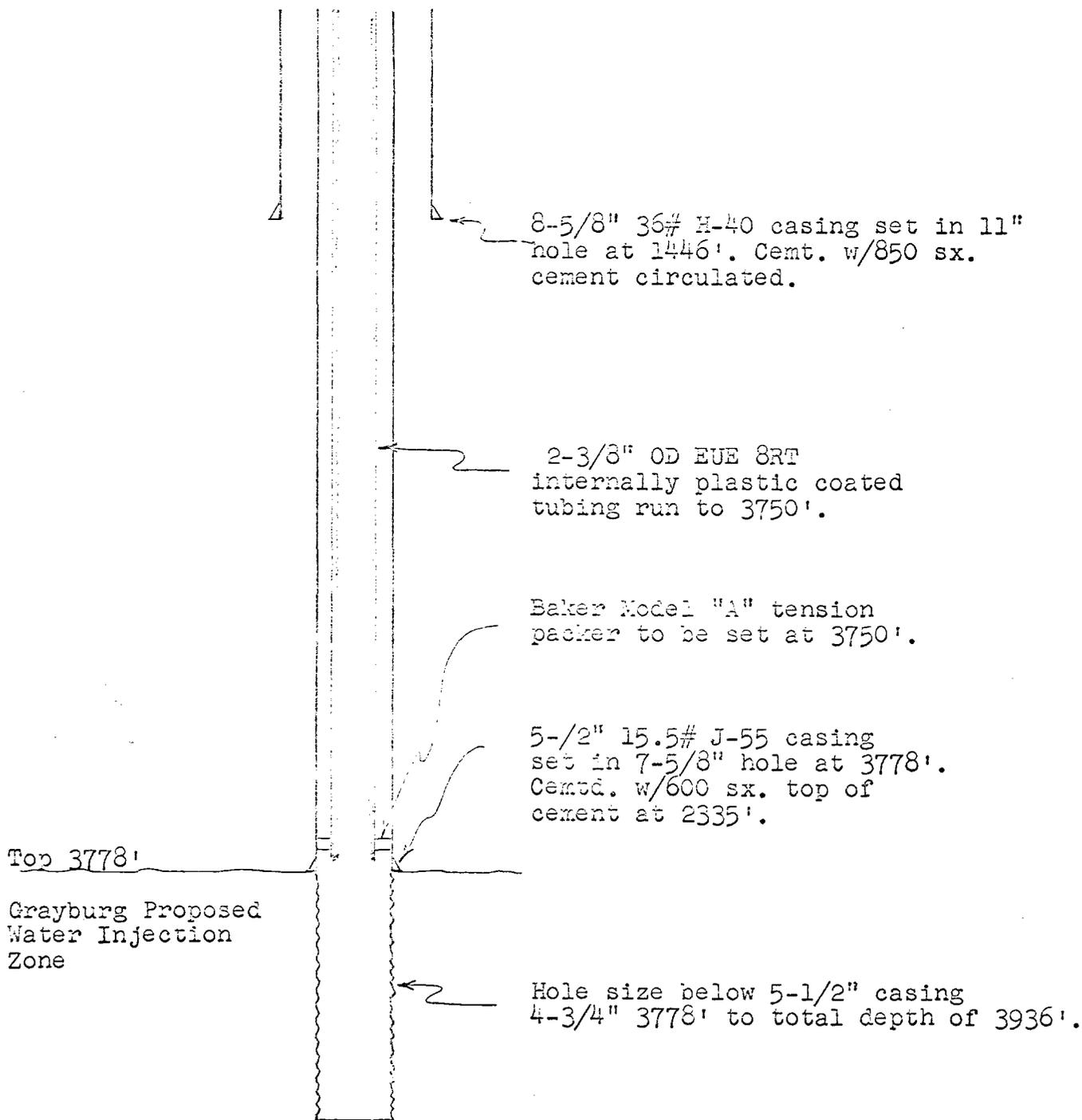
**Continental Oil Company**  
**P. O. Box 427**  
**Hobbs, New Mexico**

**DeKalb Petroleum Corp.**  
**404 W. Illinois**  
**Midland, Texas**

**Texaco Inc.**  
**P. O. Box 728**  
**Hobbs, New Mexico**  
**Attn: Mr. W. S. Bouldin**

**Tidewater Oil Company**  
**P. O. Box 1231**  
**Midland, Texas**

*Case 3398*

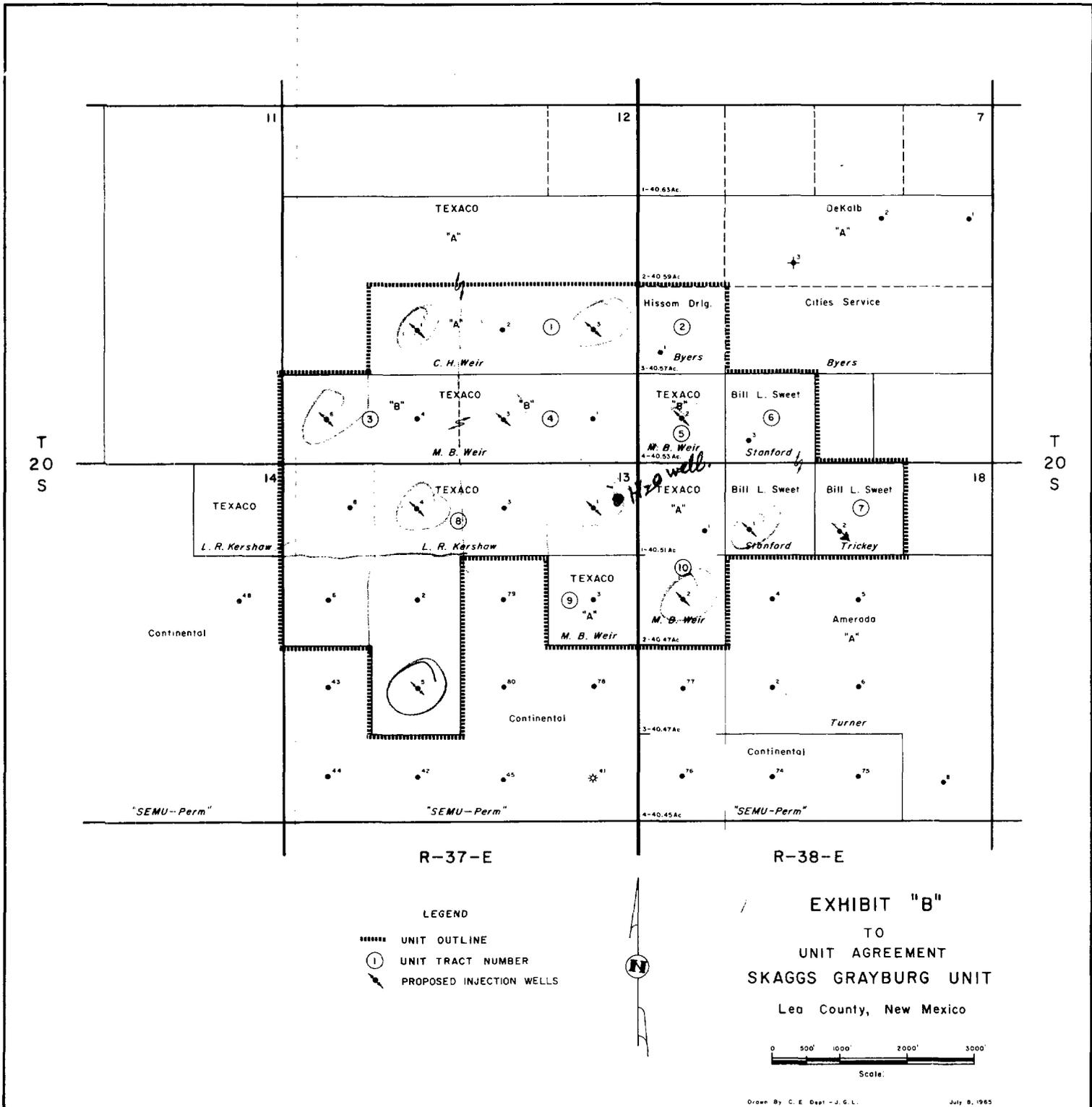


DIAGRAMMATIC SKETCH OF  
PROPOSED INJECTION WELL

Texaco Inc., L. R. Kershaw Well No. 1  
Skaggs Grayburg Oil Pool  
Lea County, New Mexico

*Car 3398*

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