



Getty Oil Company

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MID-CONTINENT EXPLORATION AND PRODUCTION DIVISION

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

P. O. Box 240  
Hobbs, New Mexico 88240

March 4, 1976

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

Attention: Mr. Joe Ramey

Re: Application for Downhole Commingling  
Getty Oil Company  
S. J. Sarkeys Well No. 6  
Wantz Abo and Drinkard Pools  
Lea County, New Mexico

Gentlemen:

Getty Oil Company respectfully requests Administrative Approval for downhole commingling in its S. J. Sarkeys Well No. 6, located in Lea County, New Mexico. At present, this flowing well is a Drinkard single completion. The Wantz Abo was abandoned in February of 1976 by placing a DR plug in the packer setting above it. If commingling is granted, a pumping unit will be installed.

This well qualifies for Administrative Approval in accordance with State-wide Rule 303, Paragraph C; and in support thereof, the following facts are submitted:

1. The attached plat shows the S. J. Sarkeys Lease. Well No. 6 is located in Unit C, Section 26, T-21-S, R-37-E, Lea County, New Mexico, and is indicated in "RED".
2. The latest tests are as follows:  
DRINKARD: 3-2-76 - 17 BOD, 3 BWD, 513 MCFGD  
Perforations: 6388' - 6632'  
WANTZ ABO: Latest Test: 2-13-75 - 6 BOD, 6 BWD, and 42 MCFGD.  
Perforations: 6784' - 7273'

The NMOCC C-116 for the Drinkard is attached. These producing rates do not exceed the limits set out in Paragraph C, (b), i.e., 40 BOPD.

3. Neither Zone produces more water than the combined oil limit as determined in Rule 303, Paragraph C, (d).

4. Getty Oil Company has commingled these fluids at the surface and has encountered no incompatibility problems; therefore, no reservoir damage will result from downhole commingling.
5. The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not reduce oil value.
6. The ownership of the zones to be commingled is common.
7. Attached are production decline curves showing monthly production of oil and water for the two zones of interest.
8. The production from the Wantz Abo Zone was by artificial lift. The Drinkard Zone, at present is flowing. Bottom hole pressures are 750 and 500 psi for the Drinkard and Wantz Abo respectfully.
9. Commingling will not jeopardize the efficiency of future secondary operations in either zone.
10. Copies of this Application have been furnished to offset operators.
11. Recommended oil and gas allotments would be as follows:

| <u>WANTZ ABO</u> |     | <u>DRINKARD</u> |
|------------------|-----|-----------------|
| 25%              | OIL | 75%             |
| 10%              | GAS | 90%             |

Respectfully yours,  
GETTY OIL COMPANY

*C. L. Wade*  
C. L. Wade  
Area Superintendent

COPIES:

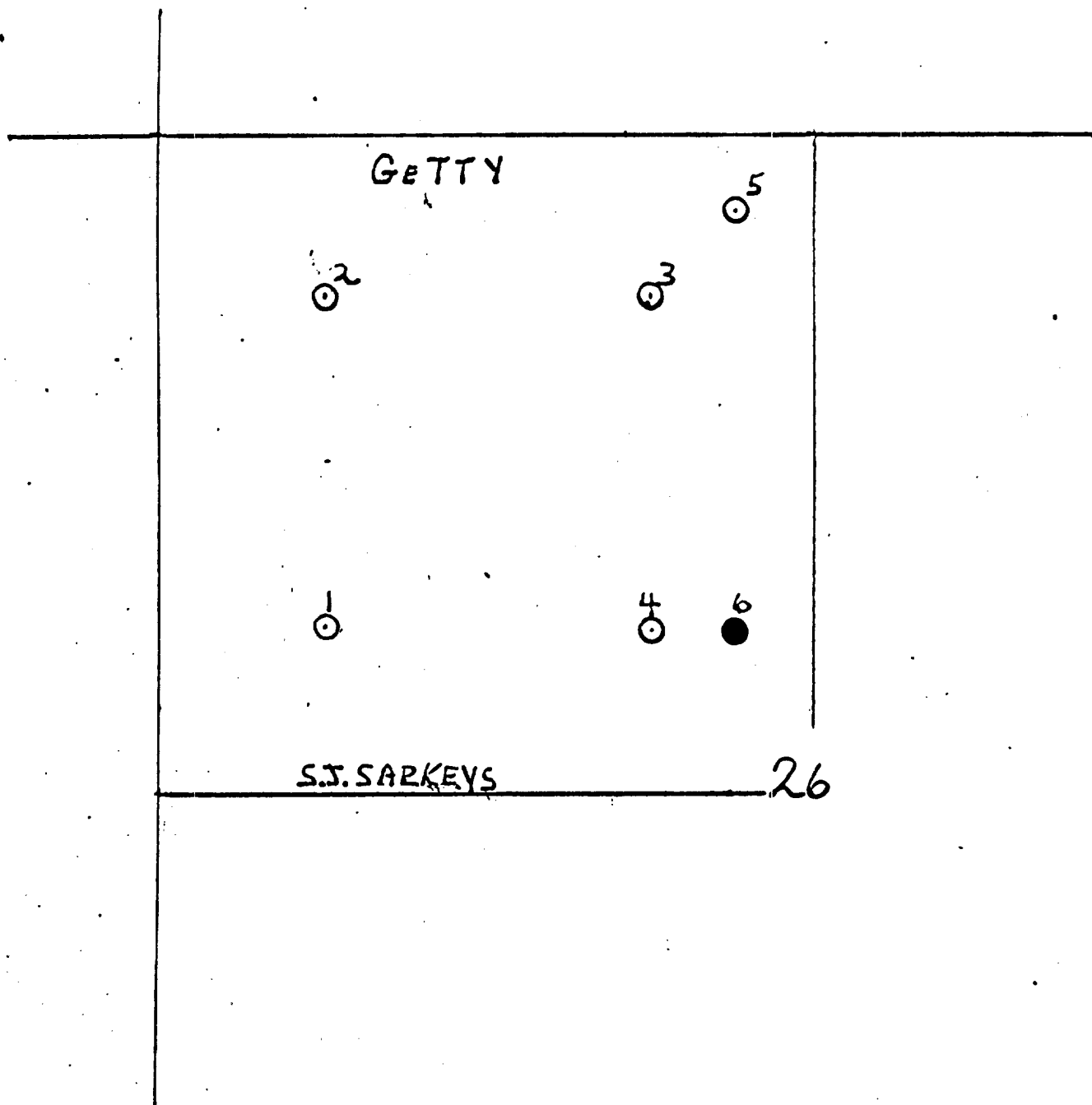
- 0 - 2 - NMOCC - Santa Fe
- 1 - NMOCC - Hobbs ✓
- 1 - Getty - Midland
- 1 - File

OFFSET OPERATORS:

1. Shell Oil Company, P.O. Box 1509, Midland, Texas 79701
2. Gulf Oil Corporation, P.O. Box 670, Hobbs, New Mexico 88240
3. Continental Oil Company, P.O. Box 431, Midland, Texas 79701
4. Texas Pacific Oil Company, Inc. , P.O. Box 4067, Midland, Texas 79701
5. Exxon Corporation, P.O. Box 1600, Midland, Texas 79701
6. Acoma, 812 Continental Life Building, Fort Worth, Texas 76102
7. Atlantic Richfield Company, P.O. Box 1610, Midland, Texas 79701

HAO/bh

ATTACHMENTS



GETTY OIL CO.  
S. J. SARKEYS LEASE  
NW/4 Sec. 26, T21S, R37E  
LEA County, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-11e  
Revised 1-1-65

| Operator<br>GETTY OIL COMPANY                    |  | Pool<br>COUNTY<br>LEA |  | TYPE OF TEST - (X) |  | DATE OF TEST |  | LOCATION |  |    |  | PROD. DURING TEST |  |                      |  | Special <input checked="" type="checkbox"/> |  |           |  |           |  |            |  |                             |  |
|--------------------------------------------------|--|-----------------------|--|--------------------|--|--------------|--|----------|--|----|--|-------------------|--|----------------------|--|---------------------------------------------|--|-----------|--|-----------|--|------------|--|-----------------------------|--|
| Address<br>P.O. Box 249, HOBBS, NEW MEXICO 88240 |  |                       |  |                    |  |              |  |          |  |    |  |                   |  |                      |  |                                             |  |           |  |           |  |            |  |                             |  |
| LEASE NAME                                       |  | WELL NO.              |  | U                  |  | S            |  | T        |  | R  |  | DAILY ALLOWABLE   |  | LENGTH OF TEST HOURS |  | WATER BBLs.                                 |  | GRAV. OIL |  | OIL BBLs. |  | GAS M.C.F. |  | GAS - OIL RATIO CU. FT./BBL |  |
| S. J. SARKEYS                                    |  | 6                     |  | F                  |  | 26           |  | 21       |  | 37 |  | 33                |  | 24                   |  | 3                                           |  | 40.1      |  | 17        |  | 513        |  | 30,176                      |  |
| APPLICATION FOR DOWNHOLE COMMINGLE               |  |                       |  |                    |  |              |  |          |  |    |  |                   |  |                      |  |                                             |  |           |  |           |  |            |  |                             |  |

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

C. L. Wade: *[Signature]*  
(Signature)

AREA SUPERINTENDENT

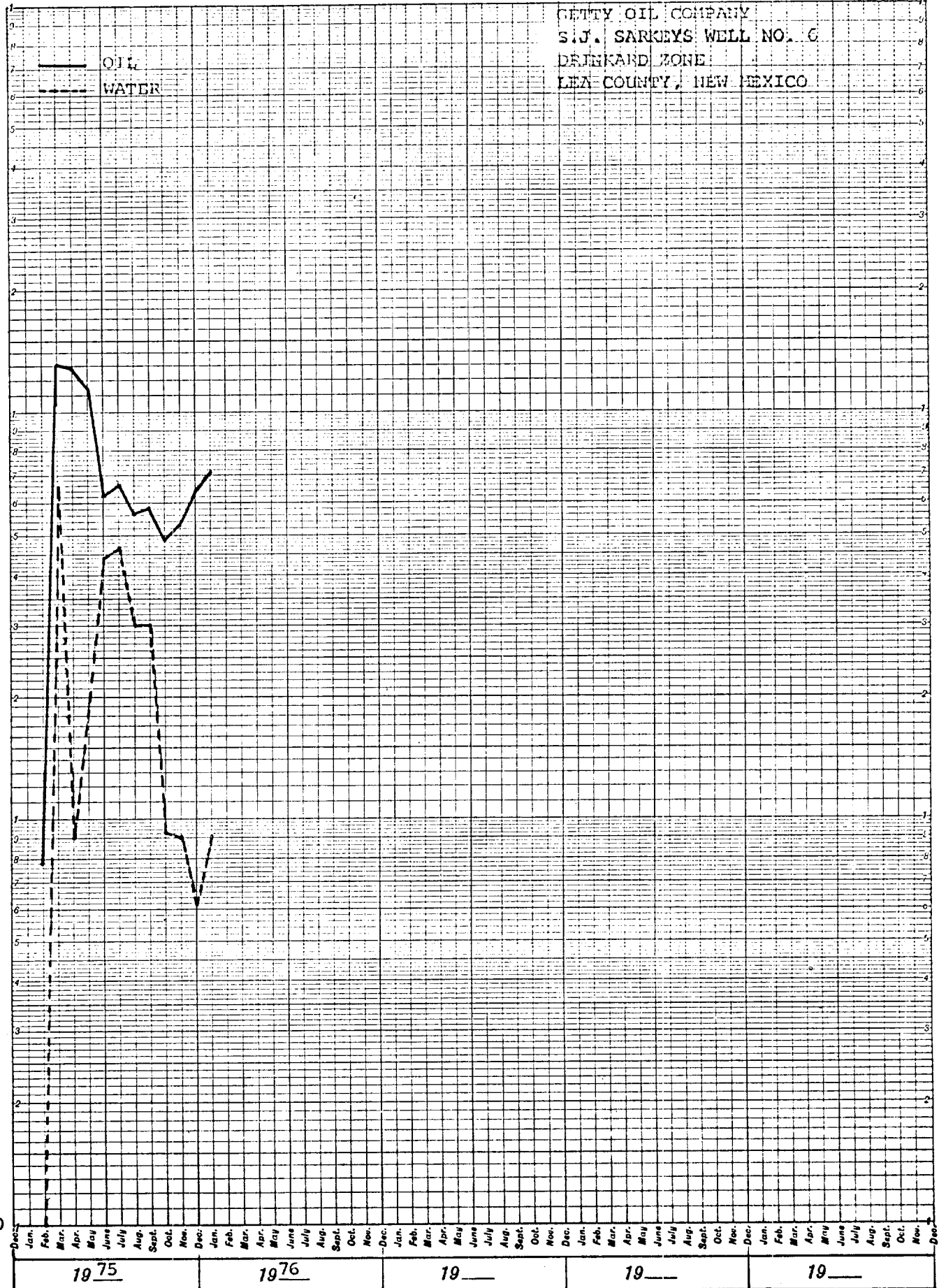
(Title)

March 4, 1976

(Date)

HAO/bh

GETTY OIL COMPANY  
 S.J. SARKEYS WELL NO. 6  
 DRINKARD ZONE  
 LEA COUNTY, NEW MEXICO



BBL/M

10

1000

100

1975

1976

19\_\_

19\_\_

19\_\_

• BBL/M

GETTY OIL COMPANY  
S.J. SARKIS WELL NO. 6  
WATZ ABO ZONE  
LEA COUNTY, NEW MEXICO

