

MID-CONTINENT PETROLEUM CORPORATION  
TULSA, OKLAHOMA

AC-68  
Dec 2-15-54

P. O. Box 830  
Midland, Texas  
January 29, 1954

Oil Conservation Commission  
State of New Mexico  
P. O. Box 871  
Santa Fe, New Mexico

Re: Application for Approval to  
Dual-Complete, Mid-Continent  
Petroleum Corporation, State  
Land "15", Well No. 4, Brinkard  
Field, Lea County, New Mexico.

Gentlemen:

Mid-Continent Petroleum Corporation hereby makes application to Dual-Complete the above well which is now completed as an oil well in the Brinkard Field, Lea County, New Mexico. This well, located in the center of SE/4 of SE/4, Unit P, Section 16, T-21-S, R-37-E was completed July 27, 1947, at a total depth of 6665'. 5 1/2" OD Casing was set at 6664' and cemented with 400 sacks of cement. Production was obtained from the Brinkard pay zone through casing perforations from 6555' to 6640'. The attached plat shows the subject lease and well, together with the locations of all offset wells.

We propose to dually complete the well in the following manner as indicated on the attached schematic diagram:

- (1) Perforate the 5 1/2" casing within the approximate interval of 5950' to 6275' in the Tubb Gas Pool.
- (2) Set production type packer below these perforations at approximately 6500' to separate the Tubb and Brinkard pay zones.
- (3) Produce the Brinkard oil through the tubing and the Tubb gas through the tubing - casing annulus.

We are firmly convinced that the manner and method of this proposed dual completion is mechanically feasible and practicable and that we can comply with all rules and regulations of the New Mexico Oil and Gas Conservation Commission pertaining to this application.

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## Q. Q14.19, Rev. 11

[illegible]

1922-23

10. The following information is being furnished to you for your information only. It is not intended to be used for any other purpose.

- [illegible]

Pursuant to Rule 112-A, Paragraph (C) all offset operators are being notified of this proposal by means of a copy of this letter of application. The list of offset operators is shown hereon.

We respectfully urge the Commission to approve this application in the interest of conservation and the protection of correlative rights.

Yours very truly,

MID-CONTINENT PETROLEUM CORPORATION



E. J. Pierce

Enclosures: (1) Plat  
(2) Schematic Diagram

CC: Amerada Petroleum Corporation  
P. O. Box 312  
Midland, Texas

Shell Oil Company  
P. O. Box 1957  
Hobbs, New Mexico

Sunray Oil Corporation  
P. O. Box 128  
Hobbs, New Mexico

Trinity Production Company  
1205 Mercantile Securities Building  
Dallas, Texas

Sinclair Oil and Gas Company  
P. O. Box 1470  
Midland, Texas

Tide Water Associated Oil Company  
P. O. Box 1231  
Midland, Texas

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

1. The following are the names of the persons who are known to have been in contact with the subject during the period of the investigation:

and the other organizations and groups as witnesses to the fact that the  
admiral's evidence is satisfactory and not otherwise to

10579 4000 0 1000

PERCENT

YEAR

1950 1960 1970 1980 1990 2000 2010 2020

1917 10 10 11:00 AM  
1917 10 10 11:00 AM

CONFIDENTIAL - SECURITY INFORMATION

[illegible]

SECRET  
JAN 10 1967  
U.S. AIR FORCE

REPORT OF THE  
COMMISSIONER OF THE  
LAND OFFICE

1. The first step is to identify the problem.
 2. The second step is to analyze the problem.
 3. The third step is to develop a solution.
 4. The fourth step is to implement the solution.
 5. The fifth step is to evaluate the solution.

The good old-fashioned, down-the-  
 road, old-fashioned, old-fashioned  
 good old-fashioned.

WYOMING DIVISION OF REVENUE  
STATE TAX DEPARTMENT  
SALT LAKE CITY, UTAH

CONTINENTAL OIL CO.

AMBRADA PET. CORP

SHELL OIL CO.

Lockhart "A"

State "DA"

TIDE WATER

MID-CONTINENT PET. CORP  
Sec 16, T21S, R37E

Hardy

State "15"

REDFORD  
SINCLAIR

TRINITY

SUNRAY

SHELL OIL CO.

York "B"

Weatherly

Elliott

Argo Oil "A"

- DRINKARD POOL WELL
- HARE POOL WELL
- BRUNSON POOL WELL
- ⊙ DUAL COMPLETION TUBBS POOL
- ⊙ DUAL COMPLETION BLINERY POOL

SCALE 1" = 1320'

MID-CONTINENT PETROLEUM CORP

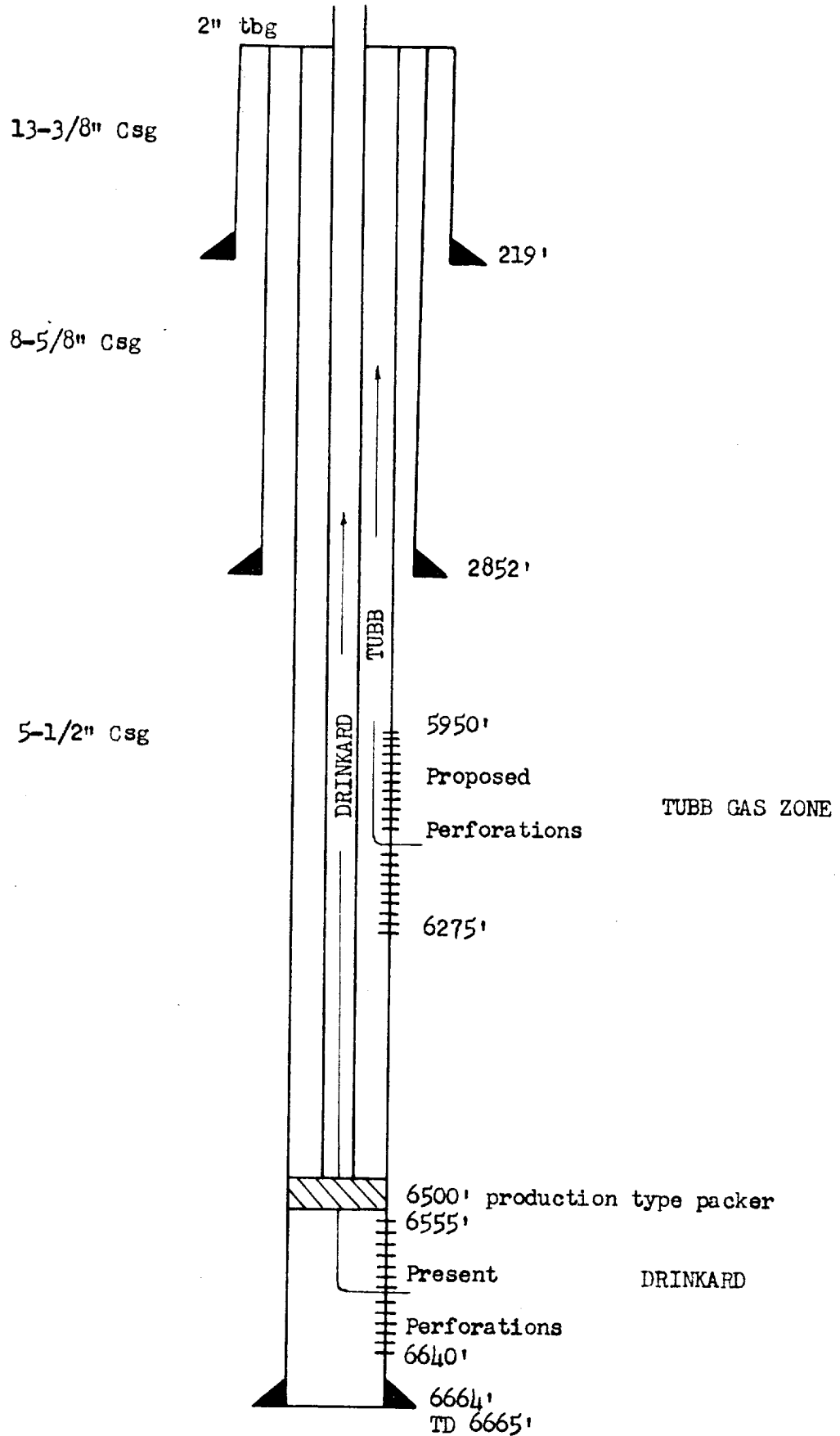
STATE "15" LEASE LEA COUNTY, N.M.

DATE: 1-27-54

SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION

MID-CONTINENT PETROLEUM CORP

STATE "15" LEASE WELL NO. 4



## OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	<input checked="" type="checkbox"/>	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

December 12th, 1948

Hobbs, New Mexico

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO  
Gentlemen:

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_  
Mid-Continent Petroleum Corp. State Land 15 Well No. 2409 in the \_\_\_\_\_

Company or Operator  
C SE/4 SE/4 of Sec. 16, T. 21 S, R. 37 E, N. M. P. M.,  
Drinkard Field, Lea County.

The dates of this work were as follows: December 10th, 1948

Notice of intention to do the work was (was not) submitted on Form C-102 on \_\_\_\_\_ 19\_\_\_\_  
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well acidized through perforations from 6555' to 6640' with 3000 gallons of regular acid. Production before acidizing 4 bbls per hour. After treatment well flowed 6 bbls per hour.

Witnessed by \_\_\_\_\_  
Name Company Title

Subscribed and sworn before me this \_\_\_\_\_  
day of \_\_\_\_\_ 19\_\_\_\_

I hereby swear or affirm that the information given above is true and correct

Name E. E. Kennedy  
Position District Foreman  
Representing Mid-Continent Petroleum Corp  
Company or Operator

Notary Public

My commission expires \_\_\_\_\_

Address 910 South Leech, Hobbs, New Mexico

Remarks:

APPROVED

Date DEC 14 1948

Notary Public  
Name  
Title

1. The first part of the paper is devoted to a discussion of the

main

results of the investigation. It is shown that the

method proposed in the paper

is applicable to a wide class of problems. The results of the

investigation are presented in the

following table. It is seen that the method proposed in the

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