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| NUMBER 31 COP 18 RECEIVED |            |
| DISTRIBUTION              |            |
| SANTA FE                  |            |
| FILE                      |            |
| U.S.G.S.                  |            |
| LAND OFFICE               |            |
| TRANSPORTER               | OIL<br>GAS |
| PRODUCTION OFFICE         |            |
| OPERATOR                  |            |

# NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)  
Revised 7/1/57

Santa Fe, New Mexico

## REQUEST FOR (OIL) - ~~CLASS~~ ALLOWABLE

New Well  
☒ Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

Oct. 22, 1962

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Phillips Petroleum Company Santa Fe, Well No. 74, in SE 1/4 SW 1/4,

(Company or Operator)

173

(Lease)

24 N, Sec. 26, T. 35 N, R. 35 E, NMPM., Vacuum Abo Pool

Unit Letter

Lea

County. Date Spudded 9-17-62

Date Drilling Completed 10-15-62

Elevation 3920 DF Total Depth 9000' FBTD 8965

Please indicate location:

Top Oil/Gas Pay 8622 Name of Prod. Form. Abo

PRODUCING INTERVAL -

8656 - 8892

Perforations

Open Hole Depth 9000' Depth 8642  
Casing Shoe Tubing

OIL WELL TEST -

Natural Prod. Test: None bbls, oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 943 bbls, oil, 0 bbls water in 24 hrs, 0 min. Size 2 1/2" Choke

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amount of materials used, such as acid, water, oil, and sand): Acidised with 1000 gals 15% regular.

Casing Tubing Date first new  
Press. 650 oil run to tanks 10-21-62

Oil Transporter Texas-New Mexico Pipeline Co.

Gas Transporter Phillips Petroleum Co.

Remarks:

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

Approved, 19

OIL CONSERVATION COMMISSION

By:

Title

(Company or Operator)

By: *Mykerson*

(Signature)

District Chief Clerk

Title

Send Communications regarding well to:  
Phillips Petroleum Co.

Name

Box 2105 Hobbs, New Mexico

Address

1. The first part of the paper discusses the importance of the study.

2. The second part of the paper discusses the methodology used.

3. The third part of the paper discusses the results.

4. The fourth part of the paper discusses the conclusion.

5. The fifth part of the paper discusses the discussion.

6. The sixth part of the paper discusses the conclusion.

7. The seventh part of the paper discusses the conclusion.

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16. The sixteenth part of the paper discusses the conclusion.

17. The seventeenth part of the paper discusses the conclusion.

18. The eighteenth part of the paper discusses the conclusion.

19. The nineteenth part of the paper discusses the conclusion.

20. The twentieth part of the paper discusses the conclusion.

21. The twenty-first part of the paper discusses the conclusion.

DEVIATION RECORD

Phillips Petroleum Company

Santa Fe Well No. 74 Unit N  
Section 26, T17S, R35E, Lea County

| <u>Degree Deviation</u> | <u>Depth</u> |
|-------------------------|--------------|
| 1/4                     | 65           |
| 1/4                     | 250          |
| 3/4                     | 490          |
| 1/2                     | 980          |
| 1/2                     | 1500         |
| 1/4                     | 1685         |
| 3/4                     | 2150         |
| 1                       | 2500         |
| 1-1/4                   | 3125         |
| 1-1/4                   | 3350         |
| 2-1/2                   | 3970         |
| 2-1/4                   | 4275         |
| 2-1/2                   | 4500         |
| 2-1/2                   | 4790         |
| 3                       | 5135         |
| 3                       | 5370         |
| 3-1/2                   | 5535         |
| 3-1/2                   | 5675         |
| 3-1/4                   | 6190         |
| 3-1/2                   | 6250         |
| 4                       | 6700         |
| 3-1/4                   | 6870         |
| 3-1/2                   | 7045         |
| 3-3/4                   | 7160         |
| 3-1/2                   | 7325         |
| 4                       | 7505         |
| 4                       | 7540         |
| 4-1/4                   | 7785         |
| 4-1/2                   | 8167         |
| 4-1/4                   | 8575         |
| 5                       | 8885         |


STATE OF NEW MEXICO )  
COUNTY OF LEA )

Before me, the undersigned authority, on this day appeared M. G. Croston, known to me to be the duly authorized agent of this company who, upon oath, says that the foregoing is true and correct to the best of his knowledge.

  
\_\_\_\_\_

Subscribed and sworn to before me this 22nd day of October 1962.

MY COMMISSION EXPIRES AUGUST 28, 1965

  
\_\_\_\_\_  
Notary Public

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TOLSON: 001, 01 01, 115, 01 000

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