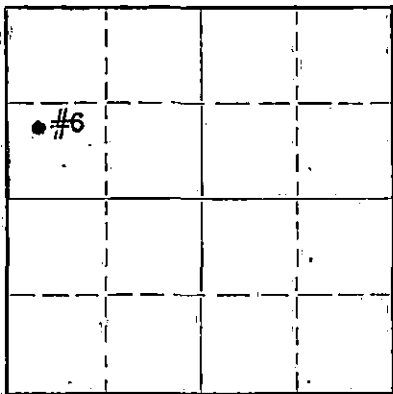


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bittling Building  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Reno County, Sec. 16 Twp. 26 Rge. 4 (E) (W)  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$ .  
Lease Owner Amerada Petroleum Corp.  
Lease Name P.M. Hilger "A" Well No. 6  
Office Address Box 2040, Tulsa, Okla.  
Character of Well (completed as Oil, Gas or Dry Hole) Salt Water Disposal Well.  
Date well completed March 14, 19 48  
Application for plugging filed 19  
Application for plugging approved 19  
Plugging commenced April 20, 19 49  
Plugging completed April 22, 19 49  
Reason for abandonment of well or producing formation  
All Wells on Use Plugged, no further use for Disposal Well.  
If a producing well is abandoned, date of last production 19  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Ruel Durkee, McPherson, Kansas  
S.W. Input Well. Siliceous Lime Depth to top 4148' Bottom 4337' Total Depth of Well 4337' Feet  
Producing Formation  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

| Formation | Content | From | To | Size   | Put In | Pulled Out |
|-----------|---------|------|----|--------|--------|------------|
|           |         |      |    | 13" OD | 168'   | None       |
|           |         |      |    | 6" OD  | 4005'  | 3313'      |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Plug back from 4337' to 4130' with chat. Dumped in 6 sacks of regular cement with ball dump baller, plugged back to 4080'. Filled hole with mud up to within 170' of top, put in rock bridge from 170' to 160'. Dumped in 25 sacks of regular cement. Filled hole with mud up to within 12' of top of surface casing. Dumped in 8 sacks of regular cement filling hole to top of surface casing in bottom of cellar as required by State Plugger Mr. Ruel Durkee of McPherson, Kansas. Well Plugged and Abandoned.

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Conservation Div.

MAY 5 - 1949 5-5-49

STATE CORPORATION COMMISSION

(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to Amerada Petroleum Corp.  
Address Box 2040  
Tulsa, Oklahoma

STATE OF Oklahoma COUNTY OF Tulsa ss.  
C. N. Rose (employee of owner) or (owner or operator) of the above-described well,  
being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God

(Signature) *C. N. Rose*  
Box 687 Wheat Bud Kans (Address)

SUBSCRIBED AND SWORN to before me this 3 day of May 1949  
Rumonoe Notary Public.

My commission expires January 17, 1951

22-5133-s 9-49-10M  
PLUGGING  
FILE SEC 16 T 26 R 4  
BOOK PAGE 23 LINE 2

Well No. 6  
 Farm Peter M. Hilger "A"  
 Elevation 1485' - Derrick Floor  
 Location NW/4 SW/4 NW/4  
 990' north of south line  
 330' east of west line of SW/4 NW/4  
 Section 16-26S-4W  
 Reno County, Kansas  
 Company Amerada Petroleum Corporation  
 Commenced Drlg. 11-9-37  
 Completed Drlg. 1-20-38  
 Initial Production Salt Water Disposal Well

15-155-82618-0000

| CASING RECORD: | SIZE       | WEIGHT | FEET | CEMENT | PERFORATIONS |
|----------------|------------|--------|------|--------|--------------|
|                | 13"        | 40#    | 172  | 175 Sx | None         |
|                | 6"         | 20#    | 3998 | 300 Sx | None         |
|                | 5" (Liner) | 13#    | 156  |        |              |

FORMATION:

|                            |      |      |
|----------------------------|------|------|
| Red rock                   | 0    | 105  |
| Blue shale and lime shells | 105  | 460  |
| Salt and shale             | 460  | 659  |
| Shale and shells           | 659  | 1064 |
| Broken lime                | 1064 | 1265 |
| Shale and broken lime      | 1265 | 1386 |
| Broken lime                | 1386 | 1676 |
| Shale and shells           | 1676 | 1985 |
| Broken lime                | 1983 | 2020 |
| Broken lime and shale      | 2020 | 2132 |
| Broken lime                | 2132 | 2762 |
| Broken lime and shale      | 2762 | 2842 |
| Lime                       | 2842 | 3307 |
| Broken lime                | 3307 | 3432 |
| Lime                       | 3432 | 3501 |
| Broken lime                | 3501 | 3583 |
| Shale and broken lime      | 3583 | 3617 |
| Chat                       | 3617 | 3715 |
| Chat and lime              | 3715 | 3741 |
| Lime                       | 3741 | 3889 |
| Broken lime                | 3889 | 3912 |
| Shale and lime shells      | 3912 | 3916 |
| Shale                      | 3916 | 3941 |
| Shale and shells           | 3941 | 3999 |
| Misner sand                | 3999 | 4001 |
| Shale                      | 4001 | 4010 |

Cable Tools

|  |      |      |
|--|------|------|
| Shale                                      | 4010 | 4016 |
| Core #1                                    |      |      |
| Shale                                      | 4016 | 4025 |
| Core #2                                    |      |      |
| Shale                                      | 4025 | 4036 |
| Core #3                                    |      |      |
| Shale                                      | 4036 | 4041 |
| Viola lime - Oil - w/700' of water in hole | 4041 | 4042 |
| Top Viola                                  | 4041 |      |

Rotary Tools

|  |      |      |
|--|------|------|
| Core #1 2/19 Rec.  | 4042 | 4061 |
| 1' - Dolomite - gray, coarse, crystalline.   |      |      |
| 1' - Sand, coarse to medium grain, light gray, porous Wilcox, very slight show of oil. |      |      |

RECORDED  
 JUN 15 1949  
 STATE CORPORATION  
 COMMISSION

**PLUGGING**  
 SEE SURFACE REPORT  
 BOOK PAGE 93 LINE 27

Sheet # 2

Well No. 6  
Farm Peter M. Hilger "A"

15-155-02618-0000

|  |         |         |
|--|---------|---------|
| Top Simpson  | 4053    |         |
| Wilcox Sand  | 4061    | 4090    |
| Black shale and sand   | 4090    | 4095    |
| Sandy shale  | 4095    | 4106    |
| Shale  | 4106    | 4125    |
| Sand, hard   | 4125    | 4127    |
| Sand, hard, iron pyrite  | 4127    | 4128    |
| Sand   | 4128    | 4140    |
| Sand, hard   | 4140    | 4141    |
| Hard sand and iron pyrite  | 4141    | 4142    |
| Hard sand  | 4142    | 4143    |
| Iron sand and blue shale   | 4143    | 4145'3" |
| Hard sand  | 4145'3" | 4145'9" |
| Iron sand and shale  | 4145'9" | 4147    |
| Hard sand  | 4147    | 4148    |
| Shale  | 4148    | 4150    |
| Core #2 2/10 Recovery  |         |         |
| Dolomite, gray coarse<br>crystalline - slightly shaley<br>little good porosity - no<br>show oil. | 4150    | 4160    |
| Top Siliceous (by samples)   | 4148    |         |
| Lime   | 4160    | 4313    |
| Sandy lime   | 4313    | 4322    |
| Lime   | 4322    | 4323'6" |
| Hard sandy lime  | 4323'6" | 4326    |
| Lime, brown  | 4326    | 4337    |
| Total depth  |         | 4337    |

Cemented liner at 4138' and cleaned out to 4234'

Acidizing

3,000 gallons Dowell XX Acid March 6, 1938.

|   |          |
|---|----------|
| Date first work                                 | 11-2-37  |
| Date drilling commenced                         | 11-9-37  |
| Date drilling completed                         | 1-20-38  |
| Date well completed<br>as dry hole              | 11-23-37 |
| Date well completed as salt<br>water input well | 3-14-38  |

|                        |       |       |
|------------------------|-------|-------|
| Rotary tools used from | 0'    | 4010' |
| Cable tools used from  | 4010' | 4042' |
| Rotary tools used from | 4042' | 4337' |

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COMMISSION  
KANSAS