Form CP-4

STATE OF KANSAS STATE CORPORATION COMMISSION

My commission expires February 28, 1968

| Give All Information Completely<br>Make Required Affidavit<br>Mail or Deliver Report to:<br>Conservation Division | WELL PLUGGING RECORD                                  |                                    |  |   |                    |  |
|---|---|------------------------------------|--|---|--------------------|--|
| State Corporation Commission<br>211 No. Broadway<br>Wichita, Kansas   | Hodgen  | an                                 | County                                     | . Sec. 34 T                                       | wm22S Rge.         | 22W (EX (WX)   |
| NORTH   |   | E/CNW%SW#" o                       | r footage from                             | n linesC_   | SW SW              |  |
|   |   | mperial (                          |  |   |                    |  |
|   |   |                                    |  |   |                    | _ Well Nol<br>Ks   |
|   | 1   | •                                  |  |   |                    | e  |
| 1 ! ! !   | l l   | pleted                             |  | •   |                    |  |
|   | 1   | plugging filed                     |  |   | <u>2-3-65</u>      | 19   |
|   | f   | plugging approve                   |  |   | 2-3-65             | <u>19</u><br>19  |
|   |   | leted                              |  |   |                    |  |
|   |   |                                    |  |   |                    |  |
| i   i   | Reason for abandonment of well or producing formation |                                    |  |   |                    |  |
|   |   | well is abandone                   |  |   |                    |  |
| Locate well correctly on above<br>Section Plat  | was permission menced?                                | n obtained from<br>Yes             | the Conserva                               | tion Division o                                   | r its agents bet   | ore plugging was com-  |
| Name of Conservation Agent who supe   |   |                                    | E. Sco                                     | tt. Subl  | ette. Ka           | nsas   |
| Producing formation   |   |                                    |  |   |                    |  |
| Show depth and thickness of all water   | oil and gas formation                                 | ıs.                                |  |   |                    |  |
| OIL, GAS OR WATER RECORD  | os  |                                    |  |   |                    | CASING RECORD  |
| FORMATION   | CONTENT   | FROM                               | TO   | SIZE  | PUT IN             | PULLED OUT   |
|   |   | Surface                            | Casing                                     |   | 315'               | Not pulled   |
|   |   |                                    |  |   |                    |  |
|   |   | ļ                                  |  | <del></del>                                       |                    |  |
|   |   | <del></del>                        |  |   |                    |  |
|   |   | -                                  | -  |   | ,                  | <del> </del>   |
|   |   |                                    |  | _:  |                    |  |
|   | Set first Set secon Set third                         | d plug at                          | 300' wit                                   | on 10 sac   | acks cen           | ent.   |
|   | CONSERVATION DIVISION Wichita, Kansas                 |                                    |  |   |                    |  |
|   | (If additions   | l description is necess            |  |   | 404                |  |
| Name of Plugging Contractor Imp Address Box   | erial Oil o<br>784 Great,                             |                                    |  |   |                    |  |
| STATE OF Kansas  William A S  well, being first duly sworn on oath, above-described well as filed and that        | Ladek<br>says: That I have kn                         | nowledge of the find correct. So h | employee of of acts, statement elp me God. | wner) or (1997) nts, and matter  Cam S  th Nation | s herein contai    | of the above-described ned and the log of the liam A. Sladek Bldg., Wichita, |
| Subscribed and Sworn to befo  | re me this _ 16t                                      | chday of                           | ]  | February  | Address)<br>, 19_6 | <u>65</u>  |
| My commission expires February  | 28, 1968  | K                                  | athryn                                     | M. Boxbe  | erger              | Notary Public.   |

## GEOLOGICAL REPORT

McClean No. 1 C SW SW Sec. 34-22S-22W Hodgeman County, Kansas

RECEIVED STATE CORPORATION COMMISSION

FEB 18 1965

CONSERVATION DIVISION Wichita, Kansas

#### GEOLOGICAL REPORT

Company:

Imperial Oil Company

Hodgeman County, Kansas C SW SW Sec. 34-22S-22W

Farm:

McClean No. 1

Elevation: 2174 KB

Contractor:

Imperial Oil of Kans., Inc.

Rig #2

Rotary Total Depth: 4427'

Pool:

Baldrey

Rotary Completed: 2-3-65

### Geological Data:

Samples were examined from 4150 feet to Rotary Total Depth. One foot drilling time was kept from 3500 feet to Rotary Total Depth. (Electric log information: No electric log was run.)

#### Formation Tops:

| Heebner Toronto Marmaton (Hanston Zone) Cherokee Shale Warsaw Dolomite Osage Chert Basal Penn. Sand | 3742 (-1568)<br>3757 (-1583)<br>4200 (-2026)<br>4329 (-2155)<br>4416 (-2242)<br>4419 (-2245)<br>4407 (-2233) |
|---|--|
| basal renn. Sand  | 4407 (-2233)   |

Total Depth

4427 (-2253)

#### Porosity and Shows of 011

# Marmaton Zone 4181 (-2007)

4181-86

White semi-chalky to light gray and black mottled lithographic limestone. Very slightly cherty. Poor vugular porosity with possible oil staining. No value.

Marmaton (Hanston Zone) 4200 (-2026)

4202-06

White slightly chalky to buff and light gray lithographic limestone. Fair vugular and oocastic porosity. No oil show.

#### Cherokee 4329 (-2155)

4378-84

Light gray lithographic to partly chalky limestone, varying at base of zone to light brown cherty lithographic limestone. Fair vugular porosity. Fair scttered light stain. (Zone covered in DST #1)

Basal Penn Sand 4407 (-2233)

4407-10 Green shaley glauconitic sand. Generally poor to fair porosity. No oil show.

Warsaw Dolomite 4416 (-2242)

White and light gray finely crystalline to sucrosic 4416-19 dolomite with white to light gray opaque chert. Poor

visible porosity. No oil show.

Osage Chert 4419-(-2245)

4419-27 White to light gray sharp to tripolitic opaque chert

scattered fair vugular porosity and fair to good show

of free oil.

DST #1 4370-4423

Open 2 hours. Weak blow. increasing to strong blow. Rec. 250' S.O.C.M.,

ICIP 1399#, IFP 19#, FFP 105#, FCIP 1379#/20".

4415-27

Open 1 hour. Very strong blow. Rec. 60' S.O.C.M., 10' free oil, 300' S.O.C.W. ICIP 1399#, IFP 57#, FFP 153#, FCIP 1379#/20".

RTD <u>442</u>7

The #1 McClean was judged to be non-commercial, and

was plugged and abandoned February 3, 1965.

IMPERIAL OIL COMPANY

William A. Sladek

Geologist

## DRILLING TIME LOG

McClean No. 1 C SW SW Sec. 34-225-22W Hodgeman County, Kansas

| Depth   | Minutes  | Remarks     |
|---|--|-------------|
| l' Intervals:   |  | :           |
| 3500 - 3510<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>3600 | 3-2-2-4-2/1-1-2-2-2<br>3-3-2-2-2/1-1-1-1-1<br>2-2-1-1-1/2-5-5-5-3<br>3-2-2-3-3/4-3-3-2-3<br>3-5-3-4-6/4-6-5-6-5<br>5-6-4-4-4/3-4-3-5-2<br>5-6-5-4-1/2-2-3-2-2<br>2-2-2-1-1/1-2-1-2-4<br>3-1-1-2-3/3-7-5-4-4<br>8-6-5-4-6/4-6-3-9-8   |             |
| 3600 - 3610<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>3700 | 8-8-8-8-5/6-8-7-9-6 5-4-2-7-9/2-4-4-3-4 4-4-4-3-4/3-4-5-3-3 4-4-3-4-4/3-5-3-4-3 4-3-3-3-4/4-3-3-3-3 3-2-3-3-3/3-2-4-4-4 3-3-3-3-3-3/4-3-3-3-6 4-2-2-2-4/12-11-8-5-3 •6-3-4-5-5/4-3-3-3-2   |             |
| 3700 - 3710<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>3800 | 4-4-5-4-6/5-4-3-4-3<br>4-3-5-4-3/3-4-3-3-2<br>2-3-2-3-2/2-2-2-2-2<br>2-2-4-5-5/3-4-3-5-8<br>8-7-6-6-3/3-4-13-13-8<br>6-6-8-6-6/5-5-6-4-3<br>4-6-9-6-8/7-4-4-4-3<br>3-3-3-3-2/3-3-2-2-3<br>4-4-5-4-4/5-2-2-2-2<br>2-1-2-1-2/1-1-1-2-1 | Trip @ 3766 |

| Drilling Time Log  |   | McClean No. 1              |  |
|--|---|----------------------------|--|
| Depth  | Minutes   | Remarks                    |  |
| 3800 - 3810<br>30<br>40<br>50<br>60<br>70<br>80<br>3900      | 4-5-3-4-5/6-5-4-3-4<br>5-4-4-2-3/2-4-6-8-5<br>5-5-4-2-4/3-4-8-9-10<br>8-8-9-9-8/9-10-5-5-8<br>3-4-3-5-4/9-9-4-4-6<br>5-5-4-4-4/3-2-1-4-5<br>6-5-7-8-8/9-10-11-10<br>10-11-5-11-10/7-13-10-4-3             | l' Kelly Correction @ 3836 |  |
| 3900 - 3919<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>400 | 3-3-4-5-5/7-7-7-5-5<br>5-8-9-10-10/10-11-9-8-10<br>7-4-4-7-5/4-3-2-2-3<br>3-7-6-4-4/3-3-4-7-5<br>4-4-5-4-3/3-4-2-4-2<br>5-4-4-3-8/12-11-12-10-12<br>10-11-10-4-3/10-9-7-8-12<br>11-6-4-4-3/3-4-7          | Trip for Bit at 3904       |  |
| 4000 - 4010<br>30<br>40<br>50<br>60<br>70<br>80<br>4100      | 6-11-11-8-3/5-7-9-10-10<br>9-10-10-11-8/13-12-13-12-13<br>16-15-6-5-7/8-4-4-2-2<br>9-9-3-1-2/9-12-9-4-4<br>5-6-11-10-12/12-9-7-6-7<br>7-13-14-14-10/5-4-2-4-5<br>5-9-7-6-6/8-6-6-7-5<br>5-5-6-5-6/7-6-6-8 | Trip for Bit at 4079       |  |
| 4100 - 411<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>420  | 8-6-7-7-8/8-5-4-4-5<br>5-4-6-6-7/4-5-6-5-6<br>6-5-6-6-5/6-6-6-7-6<br>8-6-9-8-9/9-7-5-7-10<br>8-5-3-11-9/9-5-7-8-9<br>10-13-10-11-7/3-3-5-11-12<br>11-11-12-12-12/4-9-11-8-3<br>4-3-4-9-7/8-9-10-9-11      |                            |  |

| Drilling Time Log   |   | McClean No. 1        |  |
|---|---|----------------------|--|
| Depth   | Minutes   | Remarks              |  |
| 4200 - 4210<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>4300 | 10-13-10-9-10/11-14-13-9-6<br>11-13-12-9-14/8-4-5-4-12<br>5-4-8-12-12/9-9-11-12-13<br>15-7-6-6-8/7-6-7-8-7<br>7-7-8-7-9/8-8-9-0-7<br>4-4-5-9-10/8-9-10-10-9<br>10-9-8-10-10/11-11-9-12-8<br>5-6-5-6-6/9-8-10-9-8<br>11-10-10-10-10/11-10-10-11-10<br>11-9-9-10-9/9-11-8-7-7 | Trip for Bit at 4231 |  |
| 4300 - 4310<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>4400 | 7-7-8-7-6/6-7-6-10-6<br>7-5-7-8-8/8-8-9-10-7<br>10-9-8-10-9/9-10-7-7-5<br>4-4-4-4-3/3-3-4-7-9<br>13-12-12-9-12/11-7-11-14-9<br>7-8-4-10-13/11-14-12-9-9<br>13-13-11-5-5/6-10-14-13-15<br>9-14-7-8-9/8-6-5-8-8<br>8-9-9-9-10/9-8-7-7-8<br>8-7-5-6-7/7-8-8-6-6                | Trip for Bit at 4372 |  |
| 4400 - 4410<br>20<br>30   | 8-10-9-13-9/7-8-5-6-6<br>8-7-7-7-7/7-5-5-6-3<br>3-3-2-3-5/5-8   |                      |  |
| 4427  | Rotary Total Depth  |                      |  |

#### DRILLER'S LOG

Imperial Oil Company

780 Fourth National Building

Wichita, Kansas

McClean No. 1

C SW SW Sec. 34-22S-22W

Hodgeman County, Kansas

Total Depth:

4427 ft.

Elevation:

2174 KB

Commenced:

1-22-65

Completed: 2-3-65

Contractor:

Imperial Oil of Kansas, Inc.

Rig #2

Casing Record:

Set 8-5/8" surface casing at 315' w/250 sacks cement.

Figures indicate bottom of formations:

| Sand and Shale Shale Shale and Red Bed Water - Sand Shale and Shells Anhydrite Red Bed and Shale Lime and Shale Shale and Lime Lime and Shale Lime Chert | 315'<br>360'<br>770'<br>950'<br>1308'<br>1339'<br>1905'<br>2990'<br>3108'<br>4423'<br>4427' |
|--|---|
| RTD  | 44271   |

We hereby certify this to be a correct and accurate log of the above described well, as shown on the daily drilling reports.

IMPERIAL OIL COMPANY

Subscribed and sworn to before me this 1/1/4 day of February, 1965.

February 28, 1968. My commission expires: