

N.

|    |   |
|----|---|
|    |   |
| 32 | 6 |
|    |   |

AREA 640 ACRES  
LOCATE WELL CORRECTLY

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days  
after completion of well. Indicate questionable data by fol-  
lowing it with (?). Submit in duplicate.

Company Shell Petroleum Corporation Address Hobbs, N. M.  
Send correspondence to Shell Petroleum Corp Address " "  
State A Well No. 5 in 2 1/4 Sec. 32, T. 18 S  
R. 36 E, N. M. P. M., Hobbs Oil Field Laan County.  
If State land the oil and gas lease is No. 520 Assignment No. 222  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
The lessee is Shell petroleum corporation Address Hobbs, N. M.  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced 6-25-30 19\_\_\_\_ Drilling was completed 8-24-30 19\_\_\_\_  
Name of drilling contractor T. B. Schroeder Address Hobbs, N. M.  
Elevation above sea level at top of casing 5056 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

OIL SANDS OR ZONES

|  |   |
|--|---|
| No. 1, from <u>2775</u> to _____       | No. 4, from <u>4076</u> to <u>4082</u>                            |
| No. 2, from <u>3145</u> to <u>3146</u> | No. 5, from <u>4093</u> to <u>4128</u>                            |
| No. 3, from <u>4025</u> to <u>4080</u> | No. 6, from <u>4130</u> to <u>4161</u><br><u>4170</u> <u>4185</u> |

IMPORTANT WATER SANDS

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 3, from _____ to _____ |
| No. 2, from _____ to _____ | No. 4, from _____ to _____ |

CASING RECORD

| SIZE | WEIGHT<br>PER FOOT | THREADS<br>PER INCH | MAKE | AMOUNT | KIND OF<br>SHOE | CUT AND PULLED<br>FROM | PERFORATED |    | PURPOSE |
|------|--------------------|---------------------|------|--------|-----------------|------------------------|------------|----|---------|
|      |                    |                     |      |        |                 |                        | FROM       | TO |         |

20 1/2

20 1/2

MUDDING AND CEMENTING RECORD

| SIZE          | WHERE SET   | NO. SACKS OF CEMENT | METHODS USED      | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|-------------|---------------------|-------------------|-------------|--------------------|
| <u>12 1/2</u> | <u>245</u>  | <u>200/S</u>        | <u>Haliburton</u> |             | <u>Hole Full</u>   |
| <u>9-5/8</u>  | <u>2755</u> | <u>200/S</u>        | <u>"</u>          |             | <u>" "</u>         |
| <u>7</u>      | <u>3050</u> | <u>225/S</u>        | <u>"</u>          |             | <u>" "</u>         |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|------|------------|----------------|----------|------|------------|-------------------|
|------|------------|----------------|----------|------|------------|-------------------|

TOOLS USED

Rotary tools were used from 0 feet to 4185 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing 9-1-30 19\_\_\_\_  
The production of the first 24 hours was 47 barrels of fluid of which 44 3% was oil; \_\_\_\_\_%  
emulsion; 3 2% water; and \_\_\_\_\_% sediment. Gravity, Be. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours 59,000,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and  
all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_  
Name \_\_\_\_\_  
Position DISTRICT ENGINEER  
Representing SHELL PETROLEUM CORPORATION.  
Company or Operator

## FORMATION RECORD

| From | to   | Thickness<br>in Feet | Formation                           |
|------|------|----------------------|-------------------------------------|
| 0    | 30   | 30                   | Caliche                             |
| 30   | 45   | 15                   | Sand                                |
| 45   | 60   | 15                   | Sand                                |
| 60   | 62   | 2                    | Hard Rock                           |
| 62   | 63   | 1                    | Sand Rock                           |
| 63   | 90   | 27                   | Sand                                |
| 90   | 94   | 4                    | Hard Sand Rock                      |
| 94   | 110  | 16                   | Sand Rock                           |
| 110  | 112  | 2                    | Hard Sand Rock                      |
| 112  | 137  | 25                   | " " "                               |
| 137  | 194  | 57                   | Sand                                |
| 194  | 1125 | 931                  | Red Bed                             |
| 1125 | 1136 | 11                   | Hard Sand                           |
| 1136 | 1185 | 49                   | Red Rock & Shale                    |
| 1185 | 1245 | 60                   | Hard Sand & Shale                   |
| 1245 | 1285 | 20                   | Hard Broken Sand                    |
| 1285 | 1283 | 18                   | Hard Sand & Shale                   |
| 1283 | 1312 | 29                   | Hard Sand                           |
| 1312 | 1400 | 88                   | Hard Sand & Shale                   |
| 1400 | 1581 | 181                  | Anhy                                |
| 1581 | 1582 | 1                    | Shale                               |
| 1582 | 1614 | 32                   | Anhy                                |
| 1614 | 1616 | 2                    | Shale & Anhy                        |
| 1616 | 1698 | 82                   | Salt                                |
| 1698 | 1720 | 22                   | Anhy                                |
| 1720 | 1765 | 45                   | Salt                                |
| 1765 | 1770 | 5                    | Anhy                                |
| 1770 | 1820 | 50                   | Salt                                |
| 1820 | 1832 | 12                   | Anhy                                |
| 1832 | 1900 | 68                   | Salt                                |
| 1900 | 1902 | 2                    | Anhy                                |
| 1902 | 2060 | 148                  | Salt                                |
| 2060 | 2065 | 5                    | Anhy                                |
| 2065 | 2190 | 135                  | Salt                                |
| 2190 | 2192 | 2                    | Potash                              |
| 2192 | 2296 | 104                  | Salt                                |
| 2296 | 2425 | 129                  | Salt Stks anhy & Potash             |
| 2425 | 2500 | 75                   | Salt                                |
| 2500 | 2510 | 10                   | Anhy                                |
| 2510 | 2557 | 47                   | Salt & Anhy                         |
| 2557 | 2646 | 89                   | Anhy                                |
| 2646 | 2655 | 9                    | Shale                               |
| 2655 | 2675 | 20                   | Anhy                                |
| 2675 | 2690 | 5                    | Shale                               |
| 2690 | 2695 | 15                   | Anhy                                |
| 2695 | 2698 | 3                    | Shale                               |
| 2698 | 2704 | 6                    | Anhy                                |
| 2704 | 2706 | 2                    | Shale                               |
| 2706 | 2726 | 20                   | Anhy                                |
| 2726 | 2730 | 4                    | Green                               |
| 2730 | 2763 | 33                   | Anhy & Lime - Top Buff Lime @ 2750. |
| 2763 | 2775 | 12                   | Lime                                |
| 2775 | 2788 | 13                   | Lime - Show Gas                     |
| 2788 | 2810 | 22                   | Lime & Anhy                         |
| 2810 | 3143 | 333                  | Lime                                |
| 3143 | 3146 | 3                    | Oil Sand - Inc Gas - Show Oil       |
| 3146 | 3170 | 24                   | Hard Lime                           |
| 3170 | 4004 | 634                  | Lime                                |
| 4004 | 4025 | 21                   | Hard Lime                           |
| 4025 | 4060 | 35                   | Porous Lime - Probable Pay          |
| 4060 | 4070 | 10                   | Hard Lime                           |
| 4070 | 4082 | 6                    | Porous Lime " "                     |
| 4082 | 4093 | 11                   | Hard Lime                           |
| 4093 | 4128 | 35                   | Porous Lime " "                     |
| 4128 | 4130 | 2                    | Hard Lime " "                       |
| 4130 | 4161 | 31                   | Porous Lime " "                     |
| 4161 | 4170 | 9                    | Hard Lime " "                       |
| 4170 | 4185 | 15                   | Porous Lime " "                     |