

DUPLICATE

Form SC 108

N.

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

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 following it with (?). Submit in duplicate.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Company **General Crude Oil Company** Address **Houston, Texas. Box 2252,**  
Send correspondence to **W. A. Pray** Address **Wink, Texas, Box 685.**  
**State B lse.** Well No. **4** in **NW 34** of Sec. **2**, T. **21 S.**  
**33**, N. M. P. M., **Lea Pool** Oil Field **Lea** County.  
If State land the oil and gas lease is No. **A -986** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
The lessee is **General Crude Oil Company** Address **Box 2252, Houston Tex.**  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced **6/3/33** 19\_\_\_\_. Drilling was completed **9/19/33** 19\_\_\_\_  
Name of drilling contractor \_\_\_\_\_, Address \_\_\_\_\_  
Elevation above sea level at top of casing \_\_\_\_\_ feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **3758** to **3763** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from **144** to **150** No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **1015** to **1025** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| SIZE           | WEIGHT<br>PER FOOT | THREADS<br>PER INCH | MAKE                  | AMOUNT      | KIND OF<br>SHOE | CUT & PULLED<br>FROM | PERFORATED |    | PURPOSE              |
|----------------|--------------------|---------------------|-----------------------|-------------|-----------------|----------------------|------------|----|----------------------|
|                |                    |                     |                       |             |                 |                      | FROM       | TO |                      |
| <b>20"</b>     | <b>90</b>          | <b>8</b>            | <b>L.H. 102' 3"</b>   | <b>T.P.</b> |                 |                      |            |    | <b>S.O. Caving I</b> |
| <b>15 1/2"</b> | <b>70</b>          | <b>8</b>            | <b>L.W. 523' 6"</b>   | <b>T.P.</b> |                 |                      |            |    | <b>S.O.W. " "</b>    |
| <b>12 1/2"</b> | <b>60</b>          | <b>8</b>            | <b>L.W. 976' 2"</b>   | <b>T.P.</b> | <b>221' 10"</b> |                      |            |    | <b>S.O. Caving I</b> |
| <b>10"</b>     | <b>40</b>          | <b>8</b>            | <b>L.H. 1762' 8"</b>  | <b>T.P.</b> |                 |                      |            |    | <b>S.O.W.</b>        |
| <b>8 1/2"</b>  | <b>32</b>          | <b>8</b>            | <b>Sals 3469' 11"</b> | <b>T.P.</b> |                 |                      |            |    | <b>O.S.</b>          |
|                |                    |                     |                       |             |                 |                      |            |    |                      |
|                |                    |                     |                       |             |                 |                      |            |    |                      |

MUDDING AND CEMENTING RECORD

| SIZE          | WHERE SET    | NO. SACKS OF CEMENT           | METHOD USED         | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|--------------|-------------------------------|---------------------|-------------|--------------------|
| <b>10"</b>    | <b>1762'</b> | <b>140 ex. 20 gal. Konset</b> | <b>Fulliburton.</b> |             |                    |
| <b>8 1/2"</b> | <b>3469'</b> | <b>25 ex. dumped</b>          | <b>dumped.</b>      |             |                    |
|               |              |                               |                     |             |                    |
|               |              |                               |                     |             |                    |

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 \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **0** feet to **3763** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **9/17/33**, 19\_\_\_\_.  
The production of the first 24 hours was **208 bbls per hour** of fluid of which **3/10** % was oil; **Sediment.**  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be **30.3 @ 60° F.**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYES

**H. C. Morris** \_\_\_\_\_, Driller **M. A. Waters** \_\_\_\_\_, Driller  
**A. E. Maxwell** \_\_\_\_\_, 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 \_\_\_\_\_ Name **W. A. Pray**  
day of \_\_\_\_\_, 19\_\_\_\_. Position **Dist. Supt.**  
Representing **General Crude Oil Company**  
Notary Public. \_\_\_\_\_ Company or Operator.

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

DUPLICATE

SEP 27 1934

APPROVED AS O. K.  
BY **W. A. Pray**

## FORMATION RECORD

| FROM  | TO   | THICKNESS<br>IN FEET | FORMATION                               |
|-------|------|----------------------|-----------------------------------------|
| 0     | 25   | 25                   | Hard rock                               |
| 25    | 144  | 119                  | Sand cavings.                           |
| 144   | 150  | 6                    | Gravel ( water)                         |
| 150   | 255  | 105                  | Red rock                                |
| 255   | 285  | 30                   | Blue shale                              |
| 285   | 325  | 40                   | Hard sandy lime                         |
| 325   | 320  | 495                  | Red rock                                |
| 320   | 905  | 55                   | Sandy red rock                          |
| 905   | 1015 | 110                  | Red rock                                |
| 1015  | 1025 | 10                   | Red sand ( water)                       |
| 1025  | 1032 | 7                    | Red rock                                |
| 1032  | 1060 | 28                   | Red sand                                |
| 1060  | 1065 | 5                    | Redrock                                 |
| 1065  | 1105 | 40                   | Sandy red rock                          |
| 1105  | 1125 | 20                   | Red sand                                |
| 1125  | 1130 | 5                    | Red rock                                |
| 1130  | 1150 | 20                   | Sandy rock red                          |
| 1150  | 1385 | 135                  | Red rock                                |
| 1385  | 1390 | 5                    | Hard red sand                           |
| 1390  | 1405 | 15                   | Sandy red rock                          |
| 1405  | 1625 | 225                  | Red rock caving.                        |
| 1625  | 1635 | 10                   | Red rock & red mud.                     |
| 1635  | 1645 | 10                   | Red rock                                |
| 1645  | 1755 | 90                   | Red mud( bad caving.)                   |
| 1755  | 1760 | 25                   | Anhydrite                               |
| 1760  | 1770 | 10                   | Gray sandy lime                         |
| 1770  | 1785 | 15                   | Red salt and anhydrite.                 |
| 1785  | 1810 | 25                   | Hard anhydrite                          |
| 1810  | 1815 | 5                    | Anhydrite                               |
| 1815  | 1825 | 10                   | Brown sandy shale                       |
| 1825  | 1840 | 15                   | anhydrite.                              |
| 1840  | 1848 | 8                    | Hard white lime                         |
| 1848  | 1875 | 27                   | Anhydrite.                              |
| 1875- | 1885 | 10                   | Salt & anhydrite.                       |
| 1885  | 1955 | 10                   | White salt                              |
| 1955  | 1965 | 10                   | Anhydrite.                              |
| 1965  | 1970 | 5                    | Red mud                                 |
| 1970  | 1980 | 10                   | Red salt                                |
| 1980  | 1985 | 5                    | red mud                                 |
| 1985  | 2005 | 10                   | Brown lime                              |
| 2005  | 2020 | 15                   | Anhydrite.                              |
| 2020  | 2025 | 5                    | Red mud                                 |
| 2025  | 2050 | 25                   | Red salt and <del>hard</del> anhydrite. |
| 2050  | 2070 | 20                   | White anhydrite                         |
| 2070  | 2140 | 70                   | Red rock and salt.                      |
| 2140  | 2150 | 10                   | Salt and Potash                         |
| 2150  | 2165 | 15                   | Red salt                                |
| 2165  | 2170 | 5                    | Anhydrite                               |
| 2170  | 2220 | 50                   | Salt <del>anhydrite</del>               |
| 2220  | 2250 | 30                   | Salt and potash                         |
| 2250  | 2255 | 5                    | Red salt                                |
| 2255  | 2305 | 20                   | White anhydrite.                        |
| 2305  | 2315 | 10                   | Anhy. and salt.                         |
| 2315  | 2340 | 25                   | Salt                                    |
| 2340  | 2350 | 10                   | Blue shale                              |
| 2350  | 2400 | 50                   | Salt                                    |
| 2400  | 2415 | 15                   | Anhydrite white.                        |
| 2415  | 2435 | 20                   | Anhydrite                               |
| 2435  | 2450 | 15                   | Salt                                    |
| 2450  | 2535 | 75                   | Salt and potash                         |
| 2535  | 2550 | 15                   | Anhydrite                               |
| 2550  | 2580 | 30                   | Salt                                    |
| 2580  | 2590 | 10                   | Red mud.                                |
| 2590  | 2785 | 195                  | Salt                                    |
| 2785  | 2800 | 15                   | Anhydrite                               |
| 2800  | 2990 | 190                  | Salt                                    |
| 2990  | 3000 | 10                   | Blue shale                              |
| 3000  | 3045 | 45                   | Salt                                    |
| 3045  | 3055 | 10                   | Anhydrite                               |
| 3055  | 3100 | 45                   | Salt                                    |
| 3100  | 3110 | 10                   | Anhydrite.                              |
| 3110  | 3125 | 15                   | Salt                                    |
| 3125  | 3135 | 10                   | Anhy.rite                               |
| 3135  | 3230 | 95                   | Salt                                    |
| 3230  | 3240 | 10                   | Anhydrite                               |
| 3240  | 3265 | 25                   | Salt                                    |
| 3265  | 3275 | 10                   | Blue shale                              |
| 3275  | 3420 | 145                  | Salt                                    |
| 3420  | 3447 | 27                   | Hard anhydrite                          |
| 3447  | 3518 | 71                   | Gray Lime.- marker.                     |
| 3518  | 3528 | 10                   | Sandy lime                              |
| 3528  | 3538 | 10                   | White sandy lime                        |
| 3538  | 3600 | 62                   | Gray lime                               |
| 3600  | 3609 | 9                    | Blue sandy shale                        |
| 3609  | 3632 | 23                   | Gray lime                               |
| 3632  | 3645 | 11                   | Hard brown lime                         |
| 3645  | 3660 | 17                   | Brown lime                              |
| 3660  | 3677 | 17                   | Gray lime                               |
| 3677  | 3704 | 27                   | White lime                              |
| 3704  | 3719 | 15                   | Brown lime                              |
| 3719  | 3725 | 6                    | Gray lime                               |
| 3725  | 3729 | 4                    | Hard whitelime                          |
| 3729  | 3756 | 27                   | Gray lime                               |
| 3756  | 3758 | 2                    | Lime and shell                          |
| 3758  | 3765 | 5                    | Soft gray lime                          |