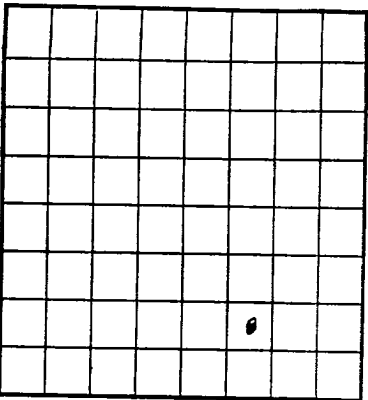


Form 9-330

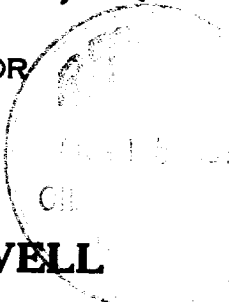


LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 077383  
LEASE OR PERMIT TO PROSPECT  
Kutz Deep Test, Inc.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Stanolind Oil and Gas Co. Address Box 591, Tulsa, Oklahoma  
Lessor or Tract Kutz Deep Test, Inc. Field Fulcher-Kutz State New Mexico  
Well No. A-1 Sec. 27 T. 28-N R. 10-W Meridian NMPM County San Juan  
Location 990 ft. (N.) of S Line and 1850 ft. (W.) of E Line of Section 27 Elevation 5892  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]  
Date August 13, 1951 Title Production Foreman

The summary on this page is for the condition of the well at above date.

Commenced drilling July 12, 1951 Finished drilling July 18, 1951

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 1886 to 1975 (G) 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 \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size casing   | Weight per foot | Threads per inch | Make            | Amount      | Kind of shoe      | Cut and pulled from | Perforated  |             | Purpose              |
|---------------|-----------------|------------------|-----------------|-------------|-------------------|---------------------|-------------|-------------|----------------------|
|               |                 |                  |                 |             |                   |                     | From—       | To—         |                      |
| <u>9"</u>     | <u>34</u>       | <u>8</u>         | <u>National</u> | <u>110</u>  | <u>Slip Type</u>  |                     |             |             |                      |
| <u>5 1/2"</u> | <u>17</u>       | <u>8</u>         | <u>Nat.</u>     | <u>1896</u> | <u>Cement</u>     |                     |             |             |                      |
| <u>1"</u>     | <u>1.7</u>      | <u>11 1/2</u>    | <u>Std</u>      | <u>1980</u> | <u>Float Shoe</u> |                     | <u>1966</u> | <u>1987</u> | <u>Siphon String</u> |

MUDDING AND CEMENTING RECORD

| Size casing   | Where set   | Number sacks of cement | Method used         | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|---------------------|-------------|--------------------|
| <u>9"</u>     | <u>118</u>  | <u>75</u>              | <u>Displacement</u> |             |                    |
| <u>5 1/2"</u> | <u>1891</u> | <u>75</u>              | <u>Displacement</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 |
|-------------|-------------|----------------|------------|----------------|-------------|-------------------|
| <u>Jump</u> | <u>Shot</u> | <u>SNG</u>     | <u>533</u> | <u>7-11-51</u> | <u>1975</u> | <u>2000</u>       |

TOOLS USED

Rotary tools were used from 0 feet to 2000 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 1855 feet to 2000 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

August 12, 1951 Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours 917,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 533

EMPLOYEES

H. H. Sutton, Driller C. E. Romaine, Driller  
R. H. Sutton, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—       | TO—            | TOTAL FEET  | FORMATION                       |
|-------------|----------------|-------------|---------------------------------|
| <u>0</u>    | <u>122</u>     | <u>122</u>  | <u>Surface sands and gravel</u> |
| <u>122</u>  | <u>1870</u>    | <u>1848</u> | <u>Sand and shale</u>           |
| <u>1870</u> | <u>1886</u>    | <u>16</u>   | <u>Coal and shale</u>           |
| <u>1886</u> | <u>1975</u>    | <u>95</u>   | <u>Sand (TPC - 1886)</u>        |
| <u>1975</u> | <u>2000 TD</u> | <u>25</u>   | <u>Shaley sand and shale</u>    |

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

LOG OF OIL OR GAS WELL

-----

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

FOOTNOTES

[illegible]

The information given herewith is a complete and correct record of the work and all work done there so far as can be determined from all available records.

Location at N { of Mine and Report W } of mine  
Well No. Sec. T. R. Meridian County

Treasor or Trust Field State

Company Address

The summary on this page is for the condition of the well at above date.

Date: \_\_\_\_\_

This \_\_\_\_\_

\_\_\_\_\_ Bangie

OIL OR GAS SEEDS OR NUTS

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, and if any casing was "widetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size of dynamite, and number of holes. Also state the reason for the work and its results. If there were any changes made in the casing, state fully, and if any casing was removed, state the reason therefor. If the well was abandoned, state the date of abandonment, and the reason therefor.

COOL RIG. 5-1/2" oil string was set at 1891' with 75 sacks. Top of Pictured Cliffs formation, 1886. Cable tool rig was used to drill ping and clean out to total depth of 1901'. Well was plugged with pea gravel from 2000' to 1915' and shot with 583 quarts and 100 lbs. dynamite. From 1915' to 1901' with 5 feet pea gravel and oil seal cap to 1861' on July 30, 1951. Well cleaned out to bottom. 1" tubing landed at 1887'. Shut in 72 hours. Well tested 917 MCF per day after 3 hour blow down through siphon string with Pilot tube through 8" pipe nipple. Well shut in August 12, 1953, for pipe line connection. Subject was conventionally cased as follows in Pictured Cliffs formation:

| Core #  | Interval    | Recovered   | Notes                                         |
|---------|-------------|-------------|-----------------------------------------------|
| Core #1 | 1891 - 1911 | 1891 - 1911 | Recovered 18' MCF to 18 salt and pepper sand. |
| Core #2 | 1911 - 1931 | 1911 - 1931 | Recovered 20' "                               |
| Core #3 | 1931 - 1951 | 1931 - 1951 | Recovered 20' "                               |
| Core #4 | 1951 - 1971 | 1951 - 1971 | Recovered 20' "                               |
| Core #5 | 1971 - 1991 | 1971 - 1991 | Recovered 20' "                               |

Recovered 10' 42' sand and 6' gra. shale.

(Please box up)

## HISTORY OF OIL OR GAS WELL

[illegible]