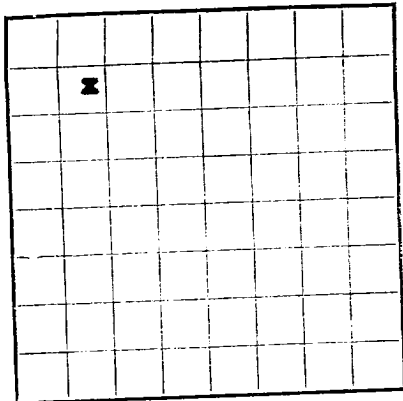
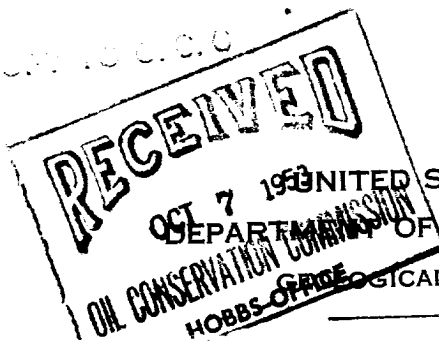




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER N.M. 010388  
LEASE OR PERMIT TO PROSPECT  
Cockburn-U. S. Minerals #2UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Barney Cockburn Address Box 105, Artesia, N. M.  
Lessor or Tract U. S. Minerals Field Maljamar State New Mexico  
Well No. 2 Sec. 33 T. 17S R. 33E Meridian N.M.P.M. County Lea  
Location 990 ft. SS of N Line and 990 ft. W of W Line of Sec. 33-17-33 Elevation 500 (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 C. J. Barnes Title Agt.  
Date Sept. 25, 1953

The summary on this page is for the condition of the well at above date.  
Commenced drilling June 3, 1953 Finished drilling July 22, 1953

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

No. 1, from 2874 to 2882 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4260 to 4302 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 90 to 120 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>8 5/8</u> | <u>28</u>       | <u>8</u>         | <u>S. M.</u> | <u>1305</u> | <u>Float</u>     |                     |            |     | <u>Surface string.</u> |
| <u>7</u>     | <u>20</u>       | <u>8</u>         | <u>Natl.</u> | <u>4104</u> | <u>Tap, Pat.</u> |                     |            |     | <u>Oil string.</u>     |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|--------------------|-------------|--------------------|
| <u>8 5/8</u> | <u>1305</u> | <u>50</u>              | <u>Halliburton</u> |             | <u>100</u>         |
| <u>7</u>     | <u>4104</u> | <u>100</u>             |                    |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size             | Shell used | Explosive used         | Quantity       | Date        | Depth shot       | Depth cleaned out |
|------------------|------------|------------------------|----------------|-------------|------------------|-------------------|
| <u>Dump shot</u> |            | <u>Nitro-glycerine</u> | <u>300 qts</u> | <u>7/19</u> | <u>4263-4302</u> | <u>4298</u>       |

## TOOLS USED

Rotary tools were used from 0 feet to 1305 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 1305 feet to 4302 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing July 22, 1953

The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

O. C. Bean, Driller W. D. Walker, Driller  
Earl McDorman, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                   |
|-------------|-------------|------------|-----------------------------|
| <u>0</u>    | <u>47</u>   | <u>47</u>  | <u>Sand</u>                 |
| <u>47</u>   | <u>90</u>   | <u>43</u>  | <u>Red rock</u>             |
| <u>90</u>   | <u>120</u>  | <u>30</u>  | <u>Sand (water)</u>         |
| <u>120</u>  | <u>175</u>  | <u>55</u>  | <u>Red bed</u>              |
| <u>175</u>  | <u>302</u>  | <u>127</u> | <u>Hard sand</u>            |
| <u>302</u>  | <u>387</u>  | <u>85</u>  | <u>Red bed &amp; sand</u>   |
| <u>387</u>  | <u>576</u>  | <u>189</u> | <u>Red bed &amp; shells</u> |
| <u>576</u>  | <u>607</u>  | <u>31</u>  | <u>Very hard shells</u>     |
| <u>607</u>  | <u>1109</u> | <u>502</u> | <u>Red bed &amp; shells</u> |
| <u>1109</u> | <u>1171</u> | <u>62</u>  | <u>Red rock</u>             |
| <u>1171</u> | <u>1253</u> | <u>82</u>  | <u>Red bed</u>              |
| <u>1253</u> | <u>1298</u> | <u>45</u>  | <u>Shale &amp; shells</u>   |
| <u>1298</u> | <u>1305</u> | <u>7</u>   | <u>Anhydrite</u>            |
| <u>1305</u> | <u>1345</u> | <u>40</u>  | <u>Arg. &amp; red rock</u>  |
| <u>1345</u> | <u>1445</u> | <u>100</u> | <u>Anhy.</u>                |
| <u>1445</u> | <u>1460</u> | <u>15</u>  | <u>Red rock</u>             |
| <u>1460</u> | <u>2330</u> | <u>860</u> | <u>Salt</u>                 |
| <u>2330</u> | <u>2330</u> | <u>10</u>  | <u>Anhydrite</u>            |
| <u>2330</u> | <u>2360</u> | <u>30</u>  | <u>Arg. &amp; salt</u>      |
| <u>2360</u> | <u>2475</u> | <u>115</u> | <u>Salt</u>                 |
| <u>2475</u> | <u>2665</u> | <u>190</u> | <u>Anhy.</u>                |
| <u>2665</u> | <u>2710</u> | <u>45</u>  | <u>Anhy. &amp; red rock</u> |
| <u>2710</u> | <u>2790</u> | <u>80</u>  | <u>Broken anhy.</u>         |
| <u>2790</u> | <u>2852</u> | <u>62</u>  | <u>Anhydrite</u>            |

(over)

FORMATION RECORD—CONTINUED

100-360410-1000

100-443887-100

NEW YORK, N.Y. (AP) — The U.S. Justice Dept. on Monday announced that it had filed criminal charges against a former U.S. intelligence official who was accused of leaking information to the Soviet Union during the Cold War.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]