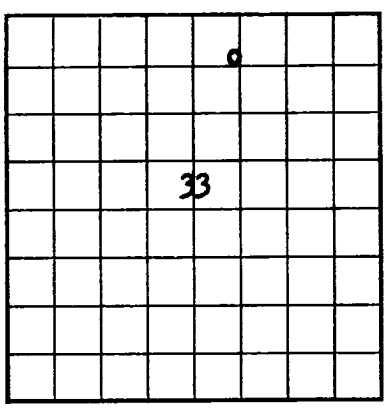
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 047200
LEASE OR PERMIT TO PROSPECT Evans




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

14 3M 30-015-03978

# LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 398, Artesia, N. M.
Lessor or Tract Evans Field Square Lake State New Mexico
Well No. 12 Sec. 33 T. 16S R. 30E Meridian N.M.P.M. County Eddy
Location 660 ft. {N./S.} of N Line and 1980 ft. {E./W.} of E Line of Sec. 33 Elevation 3741
(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 Forrest Warren
Date December 29, 1942 Title Bookkeeper

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

Commenced drilling October 20, 1942 Finished drilling December 28, 1942

## OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2862 to 2867 No. 4, from ____ to ____
No. 2, from 2892 to 2910 No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

## IMPORTANT WATER SANDS

No. 1, from 425 to ____ No. 3, from ____ to ____
No. 2, from 2160 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10" | | | | 572' | | | | | |
| 7" | | | | 2760' | | | | | |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 10" | 572' | 50 | | | |
| 7" | 2760 | 100 | | | |

## 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 |
|---|---|---|---|---|---|---|
| 3½" | 1 | M.G. | 20qts | 12/14 | 2862-2872 | |
| 4½" | (1-4½)(2-4) | " | 70 | " | 2872-2895 | |
| 3½ & 4½ | (2-3½)(4-4½) | " | 120 | " | 2895-2937 | |

## TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 2947 feet, and from ____ feet to ____ feet

## DATES

____, 19__ Put to producing January 1, 1943

The production for the first 24 hours was 40 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

M. H. Hargus, Driller F. R. Whitaker, Driller
A. C. Underwood, Driller ____, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 70 | 70 | Packed Sand |
| 70 | 135 | 65 | Red Rock |
| 135 | 370 | 235 | Red Shale |
| 370 | 425 | 55 | Anhydrite Broken |
| 425 | 430 | 5 | Water |
| 430 | 545 | 115 | Anhydrite |
| 545 | 576 | 31 | " & Shale |
| 576 | 585 | 9 | Salt |
| 585 | 605 | 20 | Red Rock |
| 605 | 650 | 45 | Anhydrite & Salt |
| 650 | 970 | 320 | Salt |
| 970 | 990 | 20 | Potash |
| 990 | 1115 | 125 | Salt |
| 1115 | 1140 | 25 | Anhydrite |
| 1140 | 1190 | 50 | " & Red Rock |
| 1190 | 1275 | 85 | " |
| 1275 | 1300 | 25 | " & Shale |
| 1300 | 1325 | 25 | Red Rock |
| 1325 | 1380 | 55 | Red Rock & Anhydrite |
| 1380 | 1400 | 20 | Anhydrite & Shale |
| 1400 | 1430 | 30 | " & Red Rock |
| 1430 | 1915 | 485 | " |
| 1915 | 1945 | 30 | " & Red Rock |
| 1945 | 1995 | 50 | " |
| 1995 | TO 2010 | TOTAL FEET 15 | " & Shale |

(OVER)

16—43094-2

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 20 | 20 | Packed Sand |
| 20 | 35 | 15 | Red Rock |
| 35 | 55 | 20 | Red Shale |
| 55 | 75 | 20 | Anhydrite in Show |
| 75 | 85 | 10 | Sand |
| 85 | 1525 | 1440 | Lime |
| 1525 | 1545 | 20 | Lime & Anhydrite |
| 1545 | 1562 | 17 | Lime & Red Shale |
| 1562 | 1567 | 5 | Oil Sand & Lime |
| 1567 | 1580 | 13 | Lime Rock |
| 1580 | 1592 | 12 | Lime |
| 1592 | 1610 | 18 | Oil Sand & Gas |
| 1610 | 1647 | 37 | Lime |
| 1647 | 1654 | 7 | Sand |
| 1654 | 1741 | 87 | Anhydrite in Show |
| 1741 | 1760 | 19 | Red Shale |
| 1760 | 1770 | 10 | Red Rock |
| 1770 | 1780 | 10 | Red Sand |
| 1780 | 1810 | 30 | Red Rock |
| 1810 | 1848 | 38 | Anhydrite |
| 1848 | 1860 | 12 | Red Sand & Water |
| 1860 | 1870 | 10 | Red Sand |
| 1870 | 1890 | 20 | Anhydrite |
| 1890 | 2470 | 580 | Sand Show Oil Rock |
| 2470 | 2585 | 115 | Anhydrite |
| 2585 | 2605 | 20 | Lime & An hydrite |
| 2605 | 2665 | 60 | Lime |
| 2665 | 2685 | 20 | Lime—Sandy |
| 2685 | 2825 | 140 | Lime |
| 2825 | 2845 | 20 | Lime & Anhydrite |
| 2845 | 2862 | 17 | Lime & Red Shale |
| 2862 | 2867 | 5 | Oil Sand & Lime |
| 2867 | 2880 | 13 | Lime Rock |
| 2880 | 2892 | 12 | Lime |
| 2892 | 2910 | 18 | Oil Sand & Gas |
| 2910 | 2947 | 37 | Lime |
| | | | |

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | |

## EMPLOYEES

Driller ..... Driller .....

Driller ..... Driller .....

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

Gallons gasoline per 1,000 cu. ft. of gas .....

If gas well, cu. ft. per 24 hours .....

## DATES

Put to producing ..... 19..

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % was emulsion; ..... % water; and ..... % sediment.

Gravity, Bé. .....

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Rotary tools were used from 0 feet to 2947 feet, and from ..... feet to ..... feet

## TOOLS USED

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|---|---|---|---|---|---|---|
| 5½" | 1 | Nitro | 80qts | 12/17 | 2585-2615 | |
| " | " | " | 40 | " | 2615-2635 | |
| " | " | " | 150 | " | 2635-2655 | |

## LINERS AND ADAPTERS

Kind ..... Size .....

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material .....

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 10" | 25' | 20 | | | |
| 7" | 2580 | 100 | | | |

## HISTORY OF OIL OR GAS WELL

**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.**

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | From— | To— | Perforated | Purpose |
|---|---|---|---|---|---|---|---|---|---|---|
| 7" | 20 | | | 2580 | | | | | | |

No. 1, from 1452 to ..... No. 3, from ..... to .....

No. 2, from ..... to ..... No. 4, from ..... to .....

## IMPORTANT WATER SANDS

No. 1, from 2805 to 2825 No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from 2835 to 2870

No. 3, from ..... to ..... No. 6, from ..... to .....

(Denote gas by G)

## OIL OR GAS SANDS OR ZONES

No. 1, from 1567 to 1580 No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

Commenced drilling ..... October 25 19 45 Finished drilling ..... December 27 19 45

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

Date December 27, 1945 Title Bookkeeper

Signed Forrest Hatten

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.

Location 660 ft. {N. / S.} of N Line and 1980 ft. {W. / E.} of E Line of Sec. 33 (Derrick floor elevation or kelly bushing) Elevation 3741

Well No. 15 Sec. 33 T. 16S R. 30E Meridian N.M.P.M. County Eddy

Lessor or Tract .....

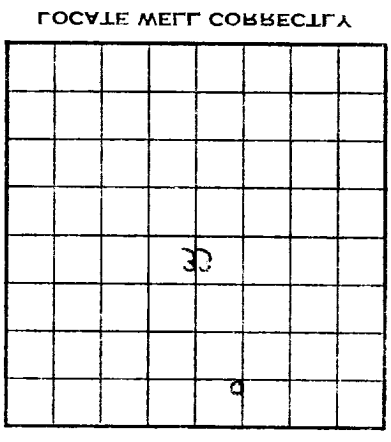
Company Sinclair Prairie Address Box 353, Artesia, N.M. Field Shugart Pool State New Mexico

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER NM-0325-B

LEASE OR PERMIT TO PROSPECT .....

LOCATE WELL CORRECTLY




# LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Form 9-330

FOLD | MARK