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

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077941
LEASE OR PERMIT TO PROSPECT
C. A. Mc dams

RECEIVED
DEC 11 1951
OIL CON. COM.
DIST.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma
Lessor or Tract C. A. McAdams Field Fulcher-Kutz State New Mexico
Well No. 3 Sec. 5 T. 27N R. 13W Meridian NMPM County San Juan
Location 1190 ft. {N.} of S Line and 1650 ft. {E.} of W Line of Section 5 Elevation 5925
(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]
Title Production Foreman

Date December 6, 1951

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

Commenced drilling October 2, 19 51 Finished drilling October 7, 19 51

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1848 to 1928 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10-3/4" | 32.75 | 8 | Pittsburgh | 102 | None | | | | |
| 5½" | 17 | 8 | Chamber | 1865 | Guide | | 1908 | 1929 | |
| 1½" | 2.3 | 11½ | | 1919 | None | | | | |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 10-3/4" | 107 | 100 sacks | Displacement | | |
| 5½" | 1853 | 75 sacks | Displacement | | |

## 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 |
|---|---|---|---|---|---|---|
| Dump | Shot | SNG | 450 qts | 10/21 | 1929-1863 | 1955 TD |

## TOOLS USED

Rotary tools were used from 0 feet to 1955 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

## DATES

November 21, 19 51 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 362,300 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 531

## EMPLOYEES

Jack Hittson, Driller W. D. Hall, Driller
W. S. Heard, Driller ____, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 1670 | 1670 | Shale and sand |
| 1670 | 1848 | 178 | Shale, sand and coal |
| 1848 | 1928 | 80 | Sand (Top Pictured Cliffs - 1848) |
| 1928 | 1955 | 27 | Shale |

(OVER)

16—43094-2

## FORMATION RECORD—Continued

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

## HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

Well was spudded October 2, 1951, and drilled to a total depth of 1955 feet with rotary tools. 8⅝" casing was set at 1899 feet with 75 sacks. Top of Pictured Cliffs formation, 1848 feet. Cable tool rig was used to drill plug and clean out to total depth. Well was plugged back with pea gravel from 1955 to 1929 feet and shot with 450 quarts of SNG by dump method from 1929 to 1863 feet and with gravel tamp from 1863 to 1858 feet and cal seal plug from 1858 to 1823 feet. Shot was detonated at 10:24 P.M., October 21, 1951. After shot found well making 40 to 50 gallons of water per hour. Filled back hole with pea gravel to 1865 feet, cal seal cap 1865 to 1857 feet. Set Howco Cement retainer @ 1816 feet. Squeezed casing shoe with 42 sacks cement with 1000 psi maximum pressure. Drilled retainer, cement and cleaned out to 1864 feet. Tested for water shut off. Squeeze job unsuccessful. Cleaned out to 1955 total depth. 1½" tubing was landed at 1906 feet. Well shut in 72 hours. Shut in casing pressure 531. Well measured 362 MCF per day after three hour blow down through 2" casing outlet with pitot tube through 2" outlet on November 21, 1951. Well shut in for pipe line connection.

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