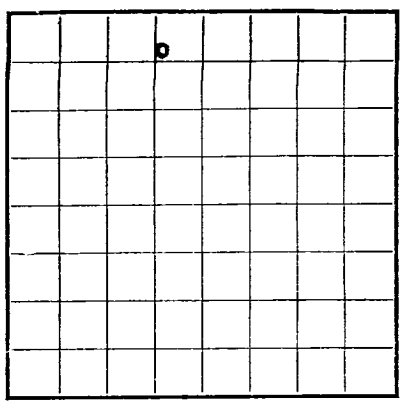
Form 9-330

N. M. O. C. C. COPY

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE .....
SERIAL NUMBER NM-06815-A
LEASE OR PERMIT TO PROSPECT .....



LOCATE WELL CORRECTLY

RECEIVED APR 11 1963 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company G. W. Strake Address P. O. Box 837, Winters, Texas
Lessor or Tract Adams-Federal Field Undesignated-N. Hackberry (Yates) State New Mexico
Well No. 3 Sec. 31 T. 19S R. 31E Meridian NMPM County Eddy
Location 660 ft. {N/S} of N Line and 1980 ft. {E/W} of W Line of Section 31 Elevation 3421 (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 April 9, 1963 Title Dist. Supt.

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

Commenced drilling March 29, 19 63 Finished drilling April 6, 19 63

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from None to ..... 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
8-5/8"	24#	8	CF&I	644.98	Larkin	- -	- -	- -	- -

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	656.33	300 Sks. & 3% Cal.Chl.	Plug and Displacement	10.0	Hole Filled

Set 35 sack plug from 2240' - 2090' KDB, 35 sack plug from 1930' - 1830' KDB, 35 sack plug from 700' - 600' KDB and 5 sacks in top of surface pipe. Capped with steel plug.

MARK

FOLD

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 2270 feet, and from ..... feet to ..... feet
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

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

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

EMPLOYEES

Shamrock Drilling Company, Driller ....., Driller
Artesia, New Mexico, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	656	656	Red beds and anhydrite
656	1891	1235	Salt, shale and anhydrite stringers
1891	2081	190	Anhydrite and dolomite
2081	2270	199	Sand and dolomite
			TD 2270'
			T/Yates 2071' (+1350)

No drill stem tests were taken.

[OVER]

16—43092-3

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.