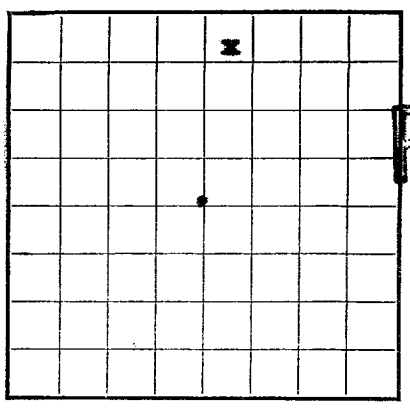
Oil Conservation Commission

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

Form 9-330

U. S. LAND OFFICE Roswell
SERIAL NUMBER LC-069832-B
LEASE OR PERMIT TO PROSPECT Yes



LOCATE WELL CORRECTLY

RECEIVED JUN 12 1957 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Joseph I. O'Neill, Jr. Address 410 West Ohio, Midland, Texas
Lessor or Tract Federal "B" Field Caprock-Queen State New Mexico
Well No. 4 Sec. 9 T. 15S R. 31E Meridian NMPM County Chaves
Location 330 ft. {N. / S.} of N Line and 2310 ft. {E. / W.} of E Line of 9 Elevation 4426.7 D.F.
(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. L. Fly Jr.

Date June 7, 1957 Title Production Clerk

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

Commenced drilling May 15, 19 57 Finished drilling May 21, 19 57

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3165.5 to 3175.5 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	22.7	SWSJ	Armco	338.23	Texas				Surface
5 1/2	14#	8rd	Smls	3176.5	Baker		3165.5	3175.5	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	338.23	200	Pump & Plug	11#	Cement Circ.
5 1/2"	3176.5	175	Pump & Plug	11#	Hole full

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 3177.5 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

June 7, 19 57 Put to producing June 6, 19 57

The production for the first 24 hours was 64 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 35.2

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Lawless Drilling Company, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	345		surface
345	1665		redbeds & shale
1665	1960		redbeds
1960	2200		redbeds, shale & anhy
2200	2730		anhy
2730	3124		anhy & gyp
3124	3151		anhy & lime
3151	3176		sand

Note: Gamma Ray-Neutron logs & Core analysis attached.

[OVER]

16—43094-3

FOLD | MARK

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 "pulled" 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.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES