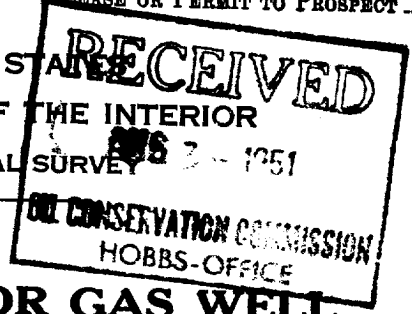


U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **069854**

LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **The Atlantic Refining Company** Address **Box 1058, Denver City, Texas**
Lessor or Tract **Federal-Jones** Field **Denton** State **New Mexico**
Well No. **1** Sec. **35** T. **14-S** R. **37-E** Meridian _____ County **Lea**
Location **600** ft. **(N.)** of **8** Line and **600** ft. **(E.)** of **W** Line of **Sec. 35** Elevation **5620** **DF**
(Derivat 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.

Date **July 27, 1951** Signed _____ Title **District Superintendent**

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

Commenced drilling **February 5**, 19**51** Finished drilling **July 25**, 19**51**

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

No. 1, from **12,325** to **12,700** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____

IMPORTANT WATER SANDS
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, From-To, Purpose.

MIDDING AND CEMENTING RECORD table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used.

PLUGS AND ADAPTERS table with columns: Heaving plug-Material, Length, Depth set, Adapter-Material, Size.

SHOOTING RECORD table with columns: Shell used, Explosive used, Quantity, Date, Depth shot, Depth cleaned out.

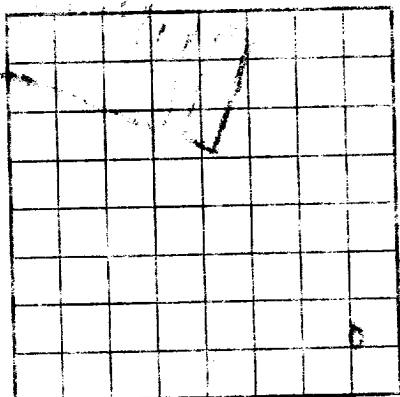
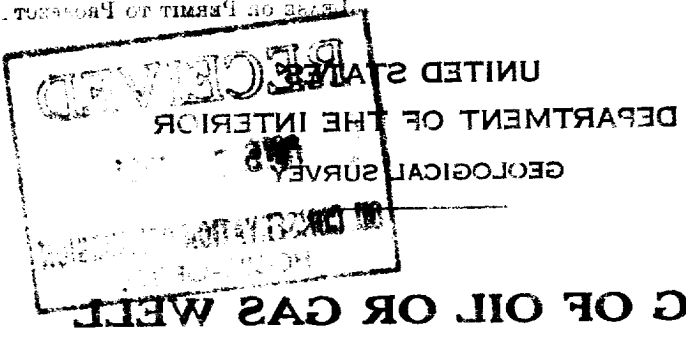
TOOLS USED
Rotary tools were used from _____ feet to **12,700** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES
Put to producing **July 25**, 19**51**
The production for the first 24 hours was **841** barrels of fluid of which _____ % was oil; **2** % emulsion; _____ % water and _____ % sediment.
Flow well, cu. ft. _____ hours
Back pressure, lbs. _____ sq. in.

EMPLOYEES
R. Williams, Driller
H. Boland, Driller
W. T. Jones, Driller
W. E. Sample, Driller

FORMATION RECORD table with columns: From-To, TOTAL FEET, FORMATION.

Serial Number
Date of Permit to Prospect



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company: The American Petroleum Company
Address: Box 1084, New York, N.Y.
Field: ...
County: ...
Location: ...
The information given hereon is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

OIL OR GAS SANDS OR ZONES

No. 1 from 12,525 to 12,530
No. 2 from ... to ...

This well was drilled to a depth of 12,500 feet with rotary logging. The logs were tested in accordance with rules and regulations governing the logging of oil wells on Federal lands. After testing to the bottom and commencing logging a 60' plug on bottom, this well was perforated. The logs were tested at 12,425-27'. The logs were tested at 12,425-27'. The logs were tested at 12,425-27'. The logs were tested at 12,425-27'.

HISTORY OF OIL OR GAS WELL

Table with columns: FROM, TO, TOTAL FEET, FORMATION, EMPLOYMENT, etc. The table contains detailed data for various depths and formations, including shale, sandstone, and limestone.