

U. S. LAND OFFICE **SANTA FE**
SERIAL NUMBER **080382-A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 24 1952
U.S. AIR FORCE
WASHINGTON, D.C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Frontier Refining Company Address 410 Boston Bldg., Denver, Colo.
Lessor or Tract Schwerdtfeger-Government Field W. Kutz Canyon State New Mexico
Well No. 11 Sec. 17 T. 27N R. 11W Meridian N.M.P.M. County San Juan
Location 1650 ft. N. of S Line and 990 ft. E. of E Line of Section 17 Elevation 6210
(Denmark Gear 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 Winman D. Salvo

Date April 22, 1952

Title Dorman S. Galbraith, Geologist

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

Commenced drilling 1/12, 1952 Finished drilling 1/15, 1952

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

No. 1, from 1877 to 1938 G 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASTING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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
4x20	4 (1 cut down)	Liquid nitro	65 qts.	1/25/52	1905-1938'KB	1938'KB

TOOLS USED

Rotary tools were used from 0 feet to 1834 feet, and from _____ feet to _____ feet.

Cable tools were used from 1834 feet to 1936 feet, and from _____ feet to _____ feet.

DATES

Completed 1/26 19 52

Put to producing Sept 11, 1941

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 **1,790,000**

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

Rock pressure, lbs. per sq. in. 4600

EMPLOYEES

Camden Drilling Company	Driller	Driller
English Drilling Company	Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1877	1877	Sand and shale with coal streaks near base. Torrehon-Puerco at the surface. Top Pictured Cliffs at 1877'KB.
1877	1938	61	Sand with shale breaks.
	1938KB	TD	(no electric log run)

(OVER)

FORMATION RECORD-Continued

