

A 10x10 grid with the number 93 in the 6th column and 6th row.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE LC
SERIAL NUMBER 060811
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ----- **Neville G. Penrose, Inc.** ----- Address ----- **1813 Fair Bldg., Ft. Worth, Texas** -----
Lessor or Tract ----- **Union-Federal** ----- Field ----- **Dickey-Queen** ----- State ----- **New Mexico** -----
Well No. ----- **3** ----- Sec. **15** ----- T. **14** ----- R. **31** ----- Meridian ----- **NMPM** ----- County ----- **Chaves** -----
Location ----- **1890** ft. ^{N.}_{S.} of ----- **S** ----- Line and ----- **1980** ^{E.}_{W.} of ----- **E** ----- Line of ----- **Section 15** ----- Elevation ----- **4422** -----

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 September 23, 1954

Title John P. McNaughton, Engineer

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

Commenced drilling ----- **August 19** -----, 19 **54** Finished drilling ----- **September 4** -----, 19 **54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3077 to 3092 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		Purpose
							From—	To—	
7-8 1/2	45.45	8		2072	Link				surface production oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12-3/4	280	250	Perkins	-	-
7	3072	125	"	"	"

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 1353 feet, and from _____ feet to _____ feet
Cable tools were used from 1353 feet to 17 feet, and from _____ feet to _____ feet

DATES

September 15, 1954 Put to producing September 17, 1954

The production for the first 24 hours was 120 barrels of fluid of which 100 % 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

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1404	1404	Red beds
1404	1520	116	Anhydrite with sand streaks
1520	2135	615	Salt
2135	2290	155	Anhydrite plus salt stringer
2290	2420	130	Sand, anhydrite
2420	3077	657	Dolomitic anhydrite, sand, salt
3077	3092	15	Oil sand

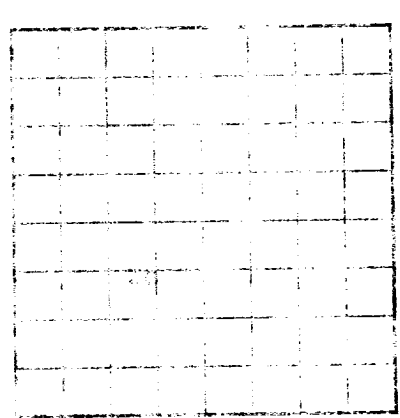
~~(over)~~

FORMATION RECORD—CONTINUED

18-43004-9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Location of well, Township, Range, Meridian, Section, State, and County. The location of the well is given in the following table, and the work done is given in the following table. The location of the well is given in the following table, and the work done is given in the following table.

The location of the well is given in the following table, and the work done is given in the following table. The location of the well is given in the following table, and the work done is given in the following table.

OIL OR GAS SANDS OR SLOTS	
701.4 from	701.4 from
701.5 from	701.5 from
701.6 from	701.6 from

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 "struck" 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.

HISTORY OF OIL OR GAS WELL	
18-43094-1	U. S. GOVERNMENT PRINTING OFFICE
MUDGING AND CEMENTING RECORD	
Amount of mud used	Kind of mud
PLUGS AND BRIDGES	
Length	Depth set
SHOOTING RECORD	
Explosive used	Quantity
Date	Depth set
TOOLS USED	
Tool used	Depth set
DATES	
Test to producing	Test to producing
FORMATION RECORD	
FORMATION	TOTAL FEET
FORMATION	TOTAL FEET