

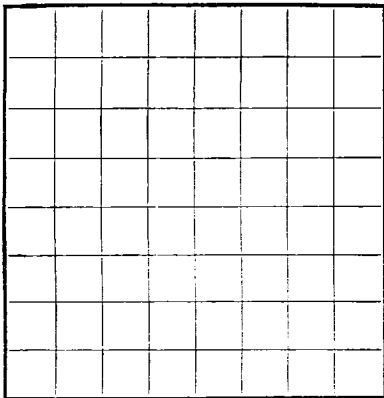
COPY TO O. C. C

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER **NM-086**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

HOBBS

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MAY 28 1959
HOBBS, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Cabot Carbon Company** Address **Box 4395, Midland, Texas**
Lessor or Tract **Federal** Field **Unassigned** State **New Mexico**
Well No. **3** Sec. **25** T. **19S** R. **34E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N** of **S** Line and **1980** ft. **E** of **W** Line of **Section 25** Elevation **3742**
(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 **Perry C. Ogden**
Date **May 26, 1959** Title **Dist. Prod. Supt.**

The summary on this page is for the condition of the well at above date.
Commenced drilling **March 25,** 19**59** Finished drilling **April 9,** 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3910** to **3940** No. 4, from **4794** to **4808**
No. 2, from **4058** to **4094** No. 5, from **4910** to **4918**
No. 3, from **4658** to **4718** No. 6, from **4955** to **5000**
5030 to **5090**

IMPORTANT WATER SANDS

No. 1, from **Unknown** 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—	
8-5/8	24#	8-R	-	294	Baker	-	-	-	Surface Casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	307	300	Pump & Plug	-	-

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 **5112** 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Caliche and sand
300	1,811	1,511	Sand and shale
1,811	1,930	119	Anhydrite
1,930	3,297	1,367	Salt and anhydrite
3,297	3,485	188	Dolomite and anhydrite
3,485	3,634	149	Sand and Dolomite
3,634	3,960	326	Anhydrite and Dolomite
3,960	4,110	150	Dolomite and sand
4,110	4,658	548	Dolomite with occasional sand stringer
4,658	5,090	432	Sand and Dolomite
5,090	5,112	22	Dolomite

ELECTRIC LOG TOPS

1811 - Rustler
3297 - Base salt
3485 - Yates
4658 - Queen
4955 - Penrose

FORMATION RECORD—Continued

[illegible]

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.

Drilled 12 1/2" hole to 310'. Set 8-5/8" casing at 307'. Drilled 7-7/8" hole to 4790'. Cut Core No. 1 from 4790'-4808'. Cut Core No. 2 from 4901'-4920' with no commercial shows of oil or gas. Drilled hole to 5112 TD. Ran logs to TD. Plugged and abandoned with cement plugs at the following depth.

5112 TD	- 4790	- 90	sacks	cement
4725	- 4640	- 24	sacks	cement
4110	- 3900	- 60	sacks	cement
3340	- 3240	- 28	sacks	cement
1860	- 1760	- 28	sacks	cement
325	- 275	- 15	sacks	cement

5 sacks on top. Used a total of 250 sacks cement.