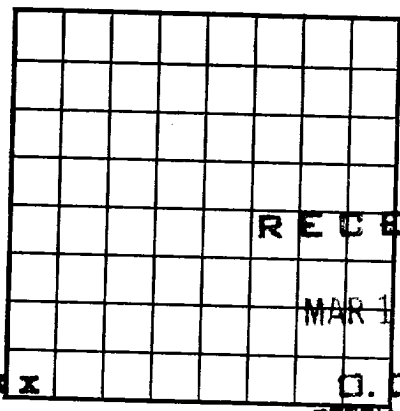
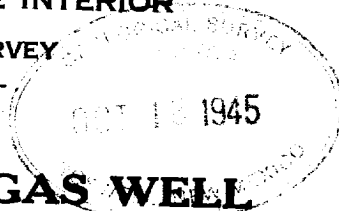


U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **060545**
 LEASE OR PERMIT TO PROSPECT



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY



RECEIVED

MAR 10 1977

LOG OF OIL OR GAS WELL

U. S. G. C. C.
 LOCATE WELL CORRECTLY

Company **Ray Hightower** Address **212 Hard Bldg. Artesia, N.M.**
 Lessor or Tract **Grier** Field **Square Lake** State **New Mexico**
 Well No. **1** Sec. **31** T. **16** R. **31** Meridian **N.M.P.M.** County **Sddy**
 Location **660** ft. ^{N.} of Line and **660** ft. ^{E.} of Line of **31** Elevation _____
(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 **Ray Hightower**
 Title **owner**

Date **10-15-45**

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

Commenced drilling **5/6-45**, 19... Finished drilling **7-9-45**, 19...

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

No. 1, from **3208** to **3212** 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-	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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
2 1/2		nitro	250 25#	7/11/45	3357	3360

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to **3360** feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19...
 The production for the first 24 hours was **45** barrels of fluid of which **10/3/45** % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Be. **100**
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. H. Parker, Driller _____, Driller
Carl Byler, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
3117	3129	12	lime
3129	3133	4	sandy lime
3133	3176	43	lime
3176	3180	4	pink lime
3180	3185	5	lime
3185	3188	3	white lime
3188	3216	28	lime 3208-3212 gas & oil increase
3216	3218	2	sandy lime
3218	3222	4	lime
3222	3226	4	hard grey lime
3226	3242	16	sandy lime
3242	3248	6	sandy lime & shale
3248	3257	9	gray hard lime
3257	3265	8	white lime hard
3265	3360	95	lime, some very hard T.D.

