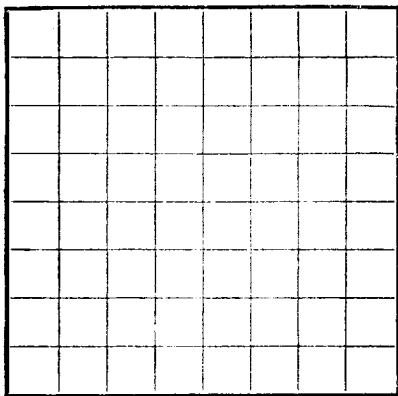




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **069107**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **John W. Gates** Address _____
Lessor or Tract **Elliott-Parcell** Field **Underignated** State _____
Well No. **1** Sec. **13** T. **19S** R. **28E** Meridian **N.M.P.M.** County **Eddy**
Location **1980** ft. **N.** of _____ Line and **1980** ft. **E.** of _____ Line of _____ Elevation **3373**
(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 _____

Date **August 4, 1958** Title **Operator**

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

Commenced drilling **May 21, 1958**, 19 _____ Finished drilling **June 26**, 19 **58**

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

No. 1, from **1411** to **1421** No. 4, from **1725** to **1740**
No. 2, from **1641** to **1660 G** No. 5, from **1870** to **1880 G**
No. 3, from **1670** to **1678 G** No. 6, from **2120** to **2133**

IMPORTANT WATER SANDS

No. 1, from **1285** to **1403** 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	Used	600	Texas Pattern				
7	23	10	Used	1790	"				
5 1/2	14	8	New	2145	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	600	50	Halliburton		
7	1790	100	"		
5 1/2	2145	18	"		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **2147** feet, and from _____ feet to _____ feet

DATES

May 21, 19 **58** Put to producing **July 1**, 19 **58**
The production for the first 24 hours was **50** 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

Jack Burrows, Driller _____, Driller
Leroy Younger, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Caliche
15	60	45	Red Bed
60	130	70	Sand
130	175	40	Anhy.
175	185	10	Gravel
185	325	140	Anhy. & R. Bed
325	360	35	Anhy.
360	400	40	Salt
400	410	10	Anhy.
410	595	85	Salt
595	825	230	Anhy.
825	830	5	Red Bed
830	880	50	Anhy. & Red Rock
880	925	45	Broken Anhy.
925	965	40	Anhy. & Red Bed
965	1010	45	Muddy Anhy.
1010	1080	70	Anhy. & R. Bed
1080	1095	15	Anhy. & Lime
1095	1210	115	Anhy.
1210	1225	15	Anhy. & Brown Sand
1225	1255	30	Yeat Sand
1255	1265	10	Anhy.
1265	1279	14	Lime Water
1279	1285	6	White Lime
1285	1306	21	Gray Lime - Sulphur Water