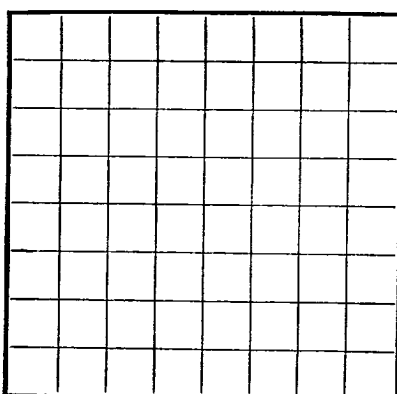




LOCATE WELL CORRECTLY

JUL 29 1957

On Cons. Comm.
ARTESIA OFFICEU. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **068264**
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **T. F. Hodge** Address **1113 Continental Bank Bldg.**
Lessor or Tract **Malco-Federal** Field **Caprock Queens** State **New Mexico**
Well No. **5** Sec. **17** T. **14S** R. **31E** Meridian **NMPN** County **Chaves**
Location **660** ft. **[N.]** of **N.** Line and **990** ft. **[E.]** of **N.** Line of **Sec. 17** Elevation **4065** GL
(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 *Hayne H. Hodge*Date **July 16, 1957**Title **Production Superintendent**

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

Commenced drilling **June 15**, 19**57** Finished drilling **June 22**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2665** to **2670** 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—	
8 5/8	24	4	Republic	166 Guide	Now				Surface
5 1/2	14	4	Republic	2700	Now				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	166	150	Pump		
5 1/2	2700	150	Pump		

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
Well was washed with 250 gallons mud acid, frac'd with 10,000 gallons special frac oil, 15,000% sand.						

TOOLS USED

Rotary tools were used from **0** feet to **2700** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **July 1**, 19**57**
The production for the first 24 hours was **83** 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
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	195	195	Surface sand caliche, red bed, shale
195	1000	805	Red bed, shale
1000	1890	890	Shale, anhydrite and salt
1890	2020	130	Anhydrite, shale and sand
2020	2670	650	Hard lime, shale and some salt
2670	2705	33	Sand and dolomite
	T. D.		
			Top Yates - 1,890
			Top Queens - 2,665

