

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **069107**

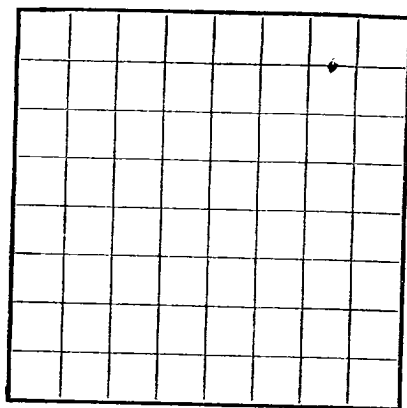
LEASE OR PERMIT TO PROSPECT

Elliott-Parcell

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **John W. Gates** Address **Box 596, Artesia, N. Mex.**
Lessor or Tract **Elliott-Parcell** Field **East-Millman** State **New Mexico**
Well No. **4** Sec. **13** T. **19S** R. **28E** Meridian **N.M.P.M.** County **Eddy**
Location **660** ft. **N.** of **N.** Line and **990** ft. **E.** of **E.** Line of **Sec. 13** 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 _____

Date **April 30, 1959**Title **Bookkeeper**

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

Commenced drilling **January 22,** 19 **59** Finished drilling **March 5,** 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1742** to **1748** No. 4, from **2167** to **2173**
No. 2, from **2091** to **2097** No. 5, from _____ to _____
No. 3, from **2132** to **2138** 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"				277'					Surface Production string.
5 1/2"				2285'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	277	50	Halliburton		
5 1/2"	2285	100	Halliburton		

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 **2285'** feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **March 16**, 19 **59**

The production for the first 24 hours was **58** barrels of fluid of which **81** % was oil; _____ % emulsion **19** % 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

A. M. Paton, Driller **D. B. Marshall**, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	155	155	Soil & Red beds.
155	170	15	Anhydrite
170	180	10	Sand
180	305	125	Red bed
305	310	5	Anhydrite
310	387	77	Red bed & gyp
387	405	18	Salt, redbed & anhydrite
405	430	25	Anhydrite
430	590	160	Salt
590	630	40	Anhydrite
630	665	35	Lime, Anhydrite & shale
665	850	185	Anhydrite
850	870	20	Sand
870	1195	325	Anhydrite
1195	1220	25	Shale
1220	1230	10	Sand
1230	1250	20	Anhydrite
1250	1665	415	Lime
1665	1690	25	Sand
1690	1789	99	Lime
1789	1797	8	Sand
1797	1834	37	Lime
1834	1837	3	Sand

[OVER]