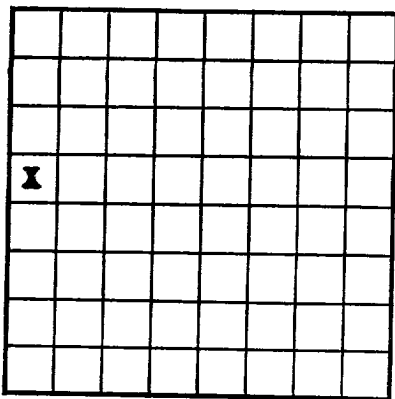


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032096 (a)**
LEASE OR PERMIT TO PRODUCE **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box CC, Hobbs, New Mexico**
Lessor or Tract **A. M. Lockhart A-27** Field **Brunson** State **New Mexico**
Well No. **2-E** Sec. **27** T. **21S** R. **37E** Meridian **NMPM** County **Lea**
Location **2130 ft. [S]** of **N** Line and **330 ft. [E]** of **W** Line of **Section 27** Elevation **3431**
(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 *[Signature]*
Date **March 14, 1951** Title **Asst. District Superintendent**

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

Commenced drilling **August 25**, 19**50** Finished drilling **November 28**, 19**50**OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from _____ to _____ 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—	
13 3/8"	264	8 1/2	Arcon	200	Guide				
7 5/8"	213	8 1/2		274	Guide Shoe & Float Collar				
5 1/2"	174	8 1/2		722					
5 1/2"	15.5	8 1/2		198					
5 1/2"	14	8 1/2		56	Guide Shoe & Float Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	213	200	Pump & Plug		
7 5/8"	2740	1723	Pump & Plug		
5 1/2"	7505	495	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 **7773** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **December 12**, 19**50**
The production for the first 24 hours was **572** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **41°**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

L. G. Grant, Driller **L. R. Grain**, Driller
W. S. Box, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1100	1100	Surface Sands & Red Bed
1100	1180	80	Sand & Shale
1180	1300	120	Anhydrite & Shale
1300	2300	1000	No samples
2300	2670	370	Anhydrite & Shale
2670	2700	30	Dolomite, Anhydrite & Shale
2700	6000	3300	No samples
6000	6500	500	Dolomite
6500	6600	100	Lime & Dolomite
6600	6760	80	Lime, Dolomite & Shale
6760	7270	510	Lime & Dolomite
7270	7300	30	Dolomite & Sand
7300	7345	45	Lime & Dolomite
7345	7395	50	Lime, Dolomite & Shale
7395	7470	75	Lime, Dolomite, Shale, & Sand
7470	7515	45	Dolomite, Shale & Sand
7515	7605	90	Dolomite
7605	7615	10	Dolomite & Chert
7615	7755	140	Dolomite
7755	7760	5	Dolomite & Sand
7760	7773	13	Granite Wash
7773	Total depth		

(OVER)

FORMATION RECORD—CONTINUED

