

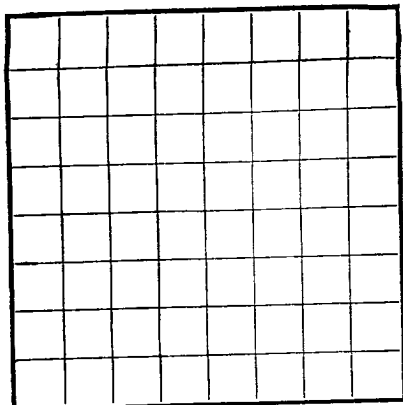
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U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 030678 (a)**
LEASE OR PERMIT TO PROSPECT -----

HOBBBS OFFICE OCC

1960 AUG 15 AM 10 00 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

5 Ezell Building
Midland, Texas

Company **C. E. Long** Address **5 Ezell Building Midland, Texas**
Lessor or Tract **Sinclair-Federal Lease** Field **Monument** State **New Mexico**
Well No. **1** Sec. **28** T. **19S** R. **37E** Meridian **NMPM** County **Lea**
Location **330** ft. **N** of **N** Line and **1650** ft. **E** of **W** Line of **Section 28** Elevation **3643'**
(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 *C. E. Long*

Date **May 14, 1959** Title **Owner - Operator**

The summary on this page is for the condition of the well at above date.
Commenced drilling **March 15**, 19 **59** Finished drilling **March 26**, 19 **59**

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

No. 1, from **3594'** to **3635' G** No. 4, from **3711'** to **3720' G**
No. 2, from **3641'** to **3674' G** No. 5, from **3875'** to **3898' Oil**
No. 3, from **3692'** to **3700' G** No. 6, from ----- to -----

IMPORTANT WATER SANDS NONE IDENTIFIED

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"	29 lb.	8	Natio-	289'	Texas		-----	-----	Surface
4 1/2"	9 1/2 lb.	8	Mesmann	3922'	Hall's	-----	3875'	3893'	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	301'	200	Pump		
4 1/2"	3934'	900	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

TOOLS USED

Rotary tools were used from **Surface** feet to **3934'** feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

May 14, 19 **59** Put to producing **May 1**, 19 **59**
The production for the first 24 hours was **60.75** barrels of fluid of which **64%** was oil; **5%** emulsion; **26%** water; and **5%** sediment. Gravity, °Bé. **38**
If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. -----

EMPLOYEES (of Forster Drlg Co., Odessa, Tex)

R. L. Frachiseur, Driller **C. W. Bankston**, Driller
R. M. Webster, Driller **A. G. Harper**, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0'	275'	275	Surface sands, clay, caliche, sd & sh.
275'	1350'	1075	Red beds
1350'	2600'	1250	Anhydrite & salt
2600'	3580'	980	Anhydrite, some sand, and gypsum
3580'	3934'	354	Anhydrite, dolomite, and sand

GEOLOGIC TOPS from Gamma Ray log:
Rustler..... 1350'
Yates..... 2633'
Seven Rivers..... 2886'
Queen..... 3460'
Penrose..... 3581'
Grayburg..... 3842'