

U. S. LAND OFFICE
SERIAL NUMBER **Artesia**
LEASE OR PERMIT TO PROSPECT **LC-063613**

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
NOV 4 1959
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Federal "E"
NOV 5 1959

LOG OF OIL OR GAS WELL

Company This is a dual Yates & Queen,
Lessor or Tract Joseph I. O'Neill, Jr. Field 410 W. Ohio State Midland, Texas
Well No. Federal "E" Sec. T. R. 19S Meridian Culwin County New Mexico
Location 3 ft. N. of 1 Line and 30E ft. E. of NMPM Line of Eddy Elevation 3508.3 GL

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 Roy S. Blount Sec. 1

Date 8-6-59 Title Production Clerk

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

Commenced drilling 6-14, 1959 Finished drilling 7-22, 1959
OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 2582 to 2604 No. 4, from 3090 to 3118
No. 2, from 3090 to 3118 No. 5, from 3090 to 3118
No. 3, from 3090 to 3118 No. 6, from 3090 to 3118

IMPORTANT WATER SANDS

No. 1, from 2890 to 2915 No. 3, from 2890 to 2915
No. 2, from 2890 to 2915 No. 4, from 2890 to 2915

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	J-55	3164	Baker	2582-2604			Surface
7	20	8	J-55	3164	Baker (Queen)	3090-3118			Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	745.86	50	circulated	10#	
7	2140.7	110			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set 1140 ft
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 3141 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Queen Put to producing July 28, 1959
The production for the first 24 hours was 56.25 barrels of fluid of which 84 % was oil; no % emulsion; 16 % water; and no % sediment. Gravity, °Bé. 36.0

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. Yates - 51 bbls. oil, 6 bbls. water in 24 hrs. Gravity 34.5 effective date 10-1-59

EMPLOYEES

Kincaid & Watson, Driller
Carper Building, Driller
Artesia, New Mexico, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	caliche
10	305	295	shale
305	490	185	red shale
490	665	175	anhy.
665	745	80	salt
745	1980	1235	salt
1980	2140	160	anhy.
2140	2600	460	lime
2600	2888	288	lime and sand
2888	3141	253	sand and lime

Yates 2202 Electric Log

Queen 3088 Electric Log

