

U. S. LAND OFFICE

SERIAL NUMBER LC 063613

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Joseph I. O'Neill, Jr. Address 410 West Ohio, Midland, Texas
 Lessor or Tract Federal "E" Field Culwin State New Mexico
 Well No. 3 Sec. 1 T. 19S R. 30E Meridian NMPM County Eddy
 Location 1980 ft. N of Line and 660 ft. E of Line of Sec. 1 Elevation 3508.3 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

Date **8-6-59**

Title *Prod Check*

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 3090 to 3118 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 2890 to 2915 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	8	J-55	749	Baker				Surface
7 1/2	20	8	J-55	3164	Baker		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"	3140.7	110	Circulated	10#	

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 3141 feet, and from _____ feet to _____ feet.

DATES

8-6-59, 19 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, °Ré. ~~35.0~~

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. _____

Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in.

EMPLOYEES

-----**Kincaid & Watson**-----, Driller -----, Driller

Carper Building, Driller _____ Driller _____

Artesia, New Mexico

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

Queen 3088 Electric Log

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

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