



LOCATE WELL CORRECTLY

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ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE ArtesiaSERIAL NUMBER LC-063613

LEASE OR PERMIT TO PROSPECT

Federal E-1**LOG OF OIL OR GAS WELL**Company Joseph I. O'Neill, Jr. Address 410 West Ohio Midland, Texas
Lessor or Tract Federal "E" Field Undesignated State New MexicoWell No. 1 Sec. 1 T19S R30E Meridian NMP County EddyLocation 660 ft. N. of Line and 660 ft. E. of Line of Section 1 Elevation 3513'GR
(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.Original Signed By Roy L. Blanton
Signed Roy L. Blanton Title Production ClerkDate 1-19-59

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

Commenced drilling 11-8, 1958 Finished drilling 12-20, 1958**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 3092 to 3103 No. 4, from _____ to _____No. 2, from 3110 to 3126 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—	
8-5/8	24.4	8	J-55	760.19	Texas				Surface String
5-1/2	14.4	8	J-55	3174.58	Baker		3092	3103	Oil String
							3110	3126	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	755.19	50 sacks	pump		circulated
5-1/2	3174.58	125 sacks	pump		circulated

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set 12-20

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 3339 feet, and from _____ feet to _____ feet**DATES**1-19, 1959 Put to producing 1-18, 1959The production for the first 24 hours was 49.36 barrels of fluid of which 49.36% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 36.4

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEESKincaid & Watson, Driller _____, DrillerCarper Building, Driller _____, DrillerArtesia, New Mexico**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	75	75	Rock
75	240		Shale
240	325		Shale & Anhy.
325	515		Shale, Rock & Anhy.
515	752		Red Rock
752	920		Salt Anhy.
920	1500		Salt
1500	1960		Salt, Anhy.
1960	2190		Lime, Anhy.
2190	2515		Anhy.
2515	2815		Lime
2815	2985		Lime, Sandy
2985	3115		Lime, Sandy
3115	3310		Lime
3310	3339 TD		Sandy Lime

AT THE END OF LOG, ADD GEOLOGICAL WHOLE FROM ALL

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 bailing.

635'	Top of Salt
1960'	Base of Salt
2193	Top of Yates
3084'	Top of Queen
3305'	Penrose

THIRTY-NINE NEW REVIDS
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