

Form 9-380

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U. S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

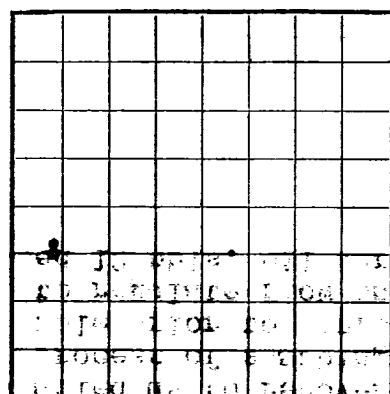
UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **01146**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Donnelly Drilling Co., Inc.** Address **Box 433, Artesia, New Mexico**Lessor or Tractholder **Oil & Refining Co.** Field **Square Lake** State **New Mexico**Well No. **1** Sec. **29** T. **16** R. **30** Meridian **M.M.P.M.** County **Edgy**Location **1950** ft. (N. of) Line and **660** ft. (E. of) Line of **Section 29** Elevation **3230**

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 **July 7, 1959** Title **President**

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

Commenced drilling **February 27, 1959** Finished drilling **May 15, 1959**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2338** to **2353** No. 4, from _____ to _____No. 2, from **2811** to **2816** No. 5, from _____ to _____No. 3, from **2896** to **2907** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **425** to **440** No. 3, from _____ to _____No. 2, from **2025** to **2055** 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	26	8		471	Regular				Water shut-off
7 1/2	20	8		2086	Regular				Water shut-off
4 1/2	9.55	8		2086	Regular				Water shut-off

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	471	30	Pump		
7 1/2	2086				
4 1/2	2886	100	Pump		5 SK

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 **2021** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **June 10**, 19**59**The production for the first 24 hours was **12** barrels of fluid of which **100** % was oil; **0** %emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. H. Howell, Driller **E. W. Hughes**, Driller**W. T. Martin**, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Caliche & Shale
100	185	85	Red Shale
185	300	115	Red Bed & Sand
300	325	25	Shale
325	335	10	Anhydrite
335	370	35	Anhydrite & Shale
370	510	140	Anhydrite
510	575	65	Anhydrite & Shale
575	600	25	Anhydrite & Shells
600	1010	410	Salt
1010	1060	50	Broken Anhydrite
1060	1185	125	Anhydrite
1185	1355	170	Broken Anhydrite
1355	2025	670	Anhydrite
2025	2055	30	Red Sand (water)
2055	2205	150	Anhydrite
2205	2250	45	Anhydrite & Shale
2250	2315	65	Anhydrite
2315	2353	38	Sandy Shale
2353	2378	25	Anhydrite
2378	2450	72	Anhydrite & Red Shale
2450	2570	120	Anhydrite
2570	2665	95	Shale
2665	2675	10	Shale & Shale
2675	2783	108	Shale
2783	2801	18	Shale & Shale

LOGS BY VICTOR E. COOPER

