

LEASE OR PERMIT TO PROSPECT

Sec. 11

#5

AUG 17 1961 **UNITED STATES**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO **GEOLOGICAL SURVEY** **R**

RECEIVED

AUG 21 1961

LOG OF OIL OR GAS WELL. **D. C. C.**
ARTESIA, OFFICE

Company Skelly Oil Company Address P.O. Box 38 - Hobbs, New Mexico
Lessor or Tract Lea "C" Field Robinson Grayburg State New Mexico
Well No. 5 Sec. 11 T. 17-S R. 31-E Meridian N.M.P.M. County Eddy
Location 760 ft. N. of S Line and 1980 ft. E. of E Line of Section 11 Elevation 3941'
(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) **H. E. Aub**
Signed (SIGNED)

Date August 15, 1961 Title Dist. Supt.

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

Commenced drilling June 21, 1961 Finished drilling July 21, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2334' to 2512' No. 4, from _____ to _____
 No. 2, from 3415' to 3578' No. 5, from _____ to _____
 No. 3, from 3605' to 3637' No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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" 5-11/16"	24.0 13.5	13	J-55	101.00	101.00	101.00	and 101.00	101.00	101.00
							(Intervals)		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	871'	100	Pump & Plug	1.000	27.50
5-1/2"	3815'	365	Pump & Plug	1.000	27.50

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 Surface feet to 3816 feet, and from _____ feet to _____ feet.

DATES

Put to producing July 30, 1961

The production for the first 24 hours was 160 barrels of fluid of which 99.9 % was oil; ----- % emulsion; ----- % water; and .1 % sediment. Gravity, °Bé. 36.6

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Thomas, Driller

Rinehart, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	627	627	Sand & red beds
627	827	200	Anhydrite
827	1786	959	Salt
1786	1947	161	Anhydrite
1947	2260	313	Sand & anhydrite
2260	2884	624	Dolomite, anhydrite & sand
2884	3074	190	Sand & anhydrite
3074	3325	251	Sand
3325	3604	279	Dolomite & sand
3604	3648	44	Sand
3648	3812	164	Dolomite
	3812 TOTAL	DEPTH	

GEOLOGICAL TOPS BY McCULLOUGH GAMMA RAY - DENSITY LOG:

Top Anhydrite	627	
Top Salt	827	
Base Salt	1786	
Top Yates	1947	
Top Seven Rivers	2260	
Top Queen	2884	
Top Pennsylv	3074	
Top Grayburg	3325	
Top Premier	3604	
Top San Andres	3648	

(OVER)

FORMATION RECORD-Continued

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