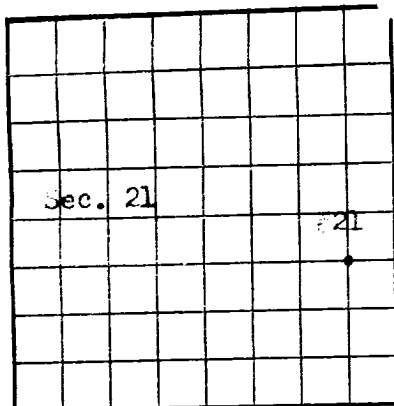


U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029420 (b)

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address BOX 38 - Hobbs, New Mexico
Lessor or Tract H. D. "B" Field Undesignated State New Mexico
Well No. 21 Sec. 21 T. 17N R. 31E Meridian 1N County Ady
Location 1980 ft. (N.) of S. Line and 660 ft. (E.) of W. Line of Sec. 21 Elevation 3822' (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.

Date Oct. 5, 1954 Signed J. L. Carter Title Dist. Supt.

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

Commenced drilling July 9, 1954 Finished drilling Sep. 23, 1954

OIL OR GAS SANDS OR ZONES

GAS & DISTILLATE

(Denote gas by G)

No. 1, from 11,878' to 11,963' 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 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 set	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8"	41.5	8	Armco	207'	Armco				Surface
8-5/8"	32	8	1-55	3605'	Float				Production
5-1/2"	17	8	1-80	11,878'	Float				Production
			Deep well						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 0 feet to 11,963 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Oct. 5, 1954 Put to producing Oct. 2, 1954
The production for the first 24 hours was 274.82 barrels of fluid of which 100% was oil, 0% emulsion; % water; and % sediment. Gravity, °Bé. 52.2
If gas well, cu. ft. per 24 hours 5.10 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. L. Carter, Driller
E. L. Cox, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0'	376'	376'	Red bed & rock
376	540	164	Anhydrite
540	1525	985	Anhydrite & salt
1525	3590	2065	Anhydrite, lime & sand
3590	5025	1435	Lime & sand
5025	6373	1348	Sand & shale
6373	8850	2477	Lime & shale
8850	11,963	3113	Lime

(OVER)