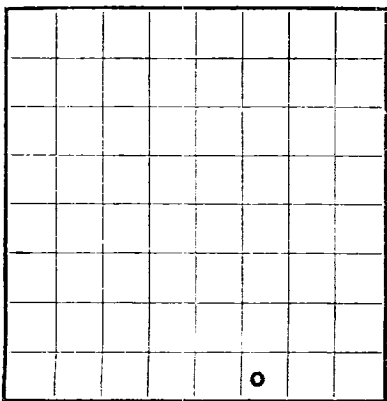


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 032591 (c)
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. B. Leery Address P.O. Box 401, Midland, Texas
Lessor or Tract J. B. Leery Field Paddock State New Mexico
Well No. 5 Sec. 19 T. 21-R-37-Meridian County Lea
Location 330 ft. [N.] of South line and 1650 ft. [W.] of East line of Section Elevation 3519 ft.
(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 Joe B. Campbell
Title Petroleum Engineer

Date January 13, 1961

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

Commenced drilling October 20, 1960, 1960 Finished drilling November 6, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5175 to 5190 No. 4, from
No. 2, from 5600 to 5950 No. 5, from
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 5175 to 5190 No. 3, from to
No. 2, from 5600 to 5950 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	
13-3/8"	48	8	Natl.	285'	Guide	None	None		Surface
9-5/8"	32 3/8	8	Spang	2750'	Guide	None	None		Intermediate
7"	23	8	Spang	6000'	Guide	None	5175	5190	Production
							5598	5935	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	285'	285	dry mix	10.5	insufficient
9-5/8"	2750'	1,000 + 41 + 200 heat	dry mix	10.5	sufficient
7"	6000'	150 + 3 1/2 Gel	dry mix	8.8	sufficient

PLUGS AND ADAPTERS

Heaving plug--Material Length Depth set
Adapters--Material permanent type production packer 5578' D.F.

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Acidized Paddock	5175-5190	3/500 Gal. reg. acid				
Acidized linebry	5598-5935	7/750 Gal. acid and				
Hard fractured	1/15000 Gal. refined oil	1/1" Sand/Cal.				

TOOLS USED

Rotary tools were used from 0 feet to 6000 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing November 6, 1960

The production for the first 24 hours was 65 barrels of fluid of which 100% was oil; emulsion; % water; and % sediment. Gravity, °Bé. 41

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller
E. J. Wilson
Driller
C. W. Jiggs

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	97	97	surface & taliche
97	1220	1123	red bed
1220	1540	320	red bed, salt & Anhydrite
1540	2440	900	salt & Anhydrite
2440	2645	205	Anhydrite
2645	2730	85	Anhydrite & Gyp
2730	3536	806	Anhydrite
3536	6000	2464	line

* Paddock zone produced 14 Bbls. oil and one Bbl. water in 6 hrs.
Oct. 20/64". Gravity 38° A.P.I.

NOTE: There were no electric logs run on this well.

