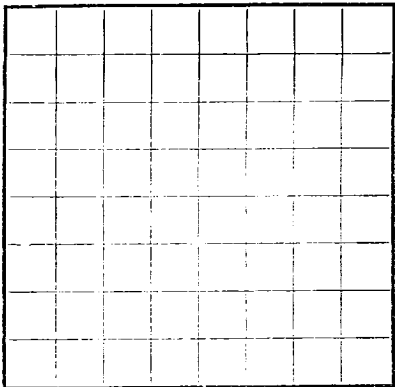


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM-03844
LEASE OR PERMIT TO PROSPECT Malco



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Morris R. Antweil Address Box 1058, Hobbs, N. M.
Lessor or Tract Malco Field Drickey State New Mexico
Well No. 3 Sec. 27 T. 13S R. 31E Meridian NMPM County Chaves
Location 330 ft. XX of N Line and 1650 XX of E Line of 27 Elevation 4422
(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 [Signature] Title Agent
Date July 2, 1955

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

Commenced drilling June 7, 1955, 19..... Finished drilling June 30, 1955, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3034 to 3048 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 None 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—	
10 3/4	32.30	8Rd		307	TP Guide				
7	17.25	8Rd		3079	Mowco Float		3045	3050	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	317	140	Pump & Plug	9	75 sacks
7	3079	100	Pump & Plug	10.5	Native

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

Perforations: 3045-3050 w/6 shots per foot (Bullets)

TOOLS USED

Rotary tools were used from 0 feet to 3079 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

July 2, 19 55 Put to producing June 30, 19 55
The production for the first 24 hours was 624 barrels of fluid of which 100 % was oil; %
emulsion; % water; and % 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

Y. W. Wright, Driller Don Bailey, Driller
L. C. Roberts, Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2000	2140	140	Salt
2140	2280	140	Anhydrite, salt, red & green shale
2280	2390	90	Sand, anhydrite, red & green shale
2390	3034	644	Anhydrite, salt, red & green shale
3034	3048	14	Oil sand
3048	3079	31	Anhydrite, salt, red & green shale
CORE NO. 1			TOPS:
3055 - 3079 (Rec. 20')			Yates 2280 (+2151)
20'			Queen 3034 (+1398)
Anhydrite, salt, red & green shale			TD 3079 (+1352)

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.

HISTORY OF OIL OR GAS WELL