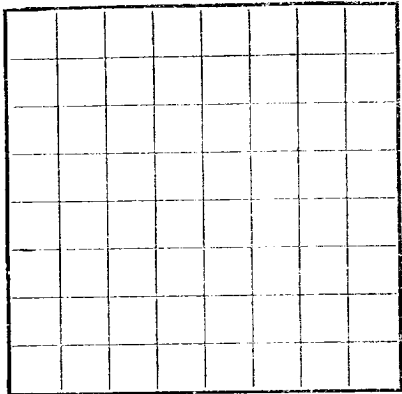


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 01094
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Harvey E. Yates Address 320 Carper Bldg., Artesia, New Mexico
Lessor or Tract Federal B. 1 Field South Maljamar State New Mexico
Well No. 1 Sec. 12 T18S R. 32E Meridian NMPM County Lea
Location 660 ft. N. of xxx Line and 1980 ft. W. of xxx Line of _____ Elevation _____
(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 _____ Title Bookkeeper
Date May 28, 1962

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

Commenced drilling February 1, 1962 Finished drilling March 11, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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 -	
7"	20	8rd	Lone Star	1425	Baker Float	605'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	1425	75	Denton		

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 4954 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 28, 1962 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, 13.6.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. A. Heath, Driller J. C. Giddens, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Sand, gravel
100	132	32	Caliche, red bed
132	460	328	Red bed
460	755	295	Shale, red bed, sand
755	1085	340	Red bed
1085	1330	245	Red bed, Anhy, Shale
1330	1435	105	Anhy
1435	2620	1185	Salt
2620	3140	520	Anhy
3140	3345	205	Anhy, Lime
3345	3470	125	Lime, Dolo, Anhy
3470	3563	93	Lime, Dolo
3563	4150	587	Dolo, Lime
4150	4556	406	Dolo
4556	4954	398	Dolo, Sand

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 "saddled" 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