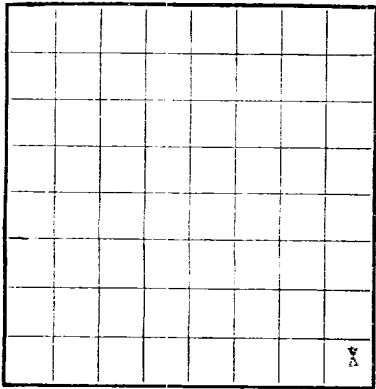




LOCATE WELL CORRECTLY

U. S. LAND OFFICE State of
SERIAL NUMBER 12-51-12
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ... Address ...
Lessor or Tract ... Field Block State ...
Well No. 4 Sec. 19 T. 21 R. 37 Meridian ... County ...
Location ... ft. N. of ... Line and ... ft. E. of ... Line of ... section ... Elevation 2503
(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 ...
Date October 8, 1959 Title ...

The summary on this page is for the condition of the well at above date.
Commenced drilling October 4, 1959 Finished drilling November 19, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5100 to 5170 No. 4, from ...
No. 2, from ... to ... No. 5, from ...
No. 3, from ... to ... No. 6, from ...

IMPORTANT WATER SANDS

No. 1, from 120 to 150 No. 3, from ... to ...
No. 2, from 230 to 240 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	40	8	Republic	27	Box	Turn			Surface
8-5/8	24	8	One Star	2704	Box	Box			Surface
5-1/2	15-1/2	8	Youngstown	5209	Box	Box	5100	5170	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	291	200	...	...	...
8-5/8	274	200	...	...	...
5-1/2	5209	275	...	...	...

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 5209 feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

October 8, 1959 Put to producing November 21, 1959

The production for the first 24 hours was 54 barrels of fluid of which ... % 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

... Driller ... Driller
... Driller ... Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	120	120	surface
120	150	30	sterile
150	1135	985	oil
1135	1505	370	anhydrite
1505	2140	635	oil & anhydrite
2140	2605	465	anhydrite
2605	3075	470	white, like ...
3075	3507	432	oil & anhydrite
3507	5209	1702	oil

JOHN W. PEERY

OIL PRODUCER

P. O. BOX 655

ODESSA, TEXAS

December 15, 1959

U. S. Dept. Of The Interior
Geologic Survey
P. O. Box 1838
Hobbs, New Mexico

Gentlemen:

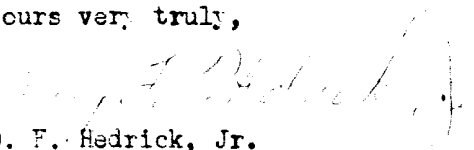
In compliance with your request of letter dated December 9, 1959, we submit as follows.

Our Hardy well No. 4 is a twin to our Hardy No. 2; therefore we did not run any electric logs. The various geologic tops were -

Anhydrite	1,135'
Salt	1,505'
B/Salt	2,440'
Queens	3,410'
Glorietts	5,110'

Enclosed you will find an additional copy of form 9-330.

Yours very truly,


O. F. Hedrick, Jr.

WET:
Enclosure