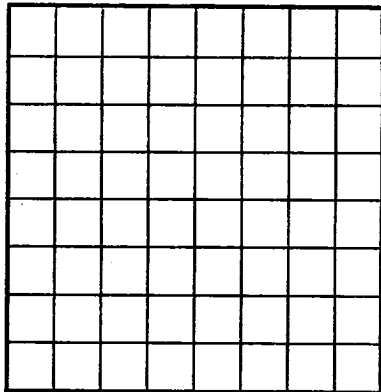




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060109
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-05268

LOG OF OIL OR GAS WELL

Company Mizel & Randel Address Artesia, New Mexico
Lessor or Tract Mizel & Randel Tract 7-17-44 Field Grayburg-Jackson State New Mexico
Well No. 2 Sec. 19 T. 17 R. 31 Meridian NMPM County Eddy
Location 1980 ft. [N.] of S Line and 1980 ft. [E.] of E Line of Section 19 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 O. H. Randel Title Operator
Date Sept. 7, 1944

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

Commenced drilling 7-17-44, 19____ Finished drilling 8-26-44, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1860 to 1950 No. 4, from _____ to _____
No. 2, from _____ to _____ Broken Pay Sections 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	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 1/4</u>	<u>28</u>		<u>used</u>	<u>470'</u>	<u>Tex-Pat</u>				
HISTORICAL RECORD OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/4</u>	<u>470</u>	<u>50</u>	<u>Halliburton</u>		
<u>7</u>	<u>1804</u>	<u>100</u>	<u>"</u>		<u>25</u>

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
<u>270</u>	<u>4-1/2</u>	<u>Nitro Gly</u>	<u>270</u>	<u>8-15</u>	<u>1860-1950</u>	<u>1950</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1970 feet, and from _____ feet to _____ feet

DATES

Put to producing September 1, 1944
The production for the first 24 hours was 85 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

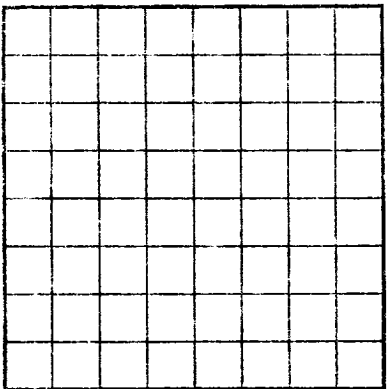
C. H. Mahres, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1</u>	<u>220</u>		<u>Sand</u>
<u>220</u>	<u>320</u>		<u>Red bed & anhy</u>
<u>320</u>	<u>1190</u>		<u>Salt</u>
<u>1190</u>	<u>1695</u>		<u>Anhy & red bed</u>
<u>1695</u>	<u>1800</u>		<u>Anhy</u>
<u>1800</u>	<u>1970</u>		<u>Gray Lime & anhy</u>

(OVER)

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

U. S. LAND OFFICE
Las Cruces
Serial Number
Lease or Permit to Prospect

Feet from surface to level of water
Total depth 12 31 33

Company _____
Lessor or Trust _____
Well No. _____
Location _____
Sec. _____ T. _____ R. _____
County _____ State _____
Address _____
City _____
Elevation _____

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 _____
Signed _____
Operator _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Formed	Purpose
4 1/2"	38		used	1000	Tex-Pac			

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, 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

U. S. GOVERNMENT PRINTING OFFICE 16-40094-1

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud running	Amount of mud used
4 1/2"	100'	100	slush		50

PLUGS AND ADAPTERS

Heavy plug—Material _____
Adapters—Material _____
Length _____
Depth set _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2 1/2"	100'		100	10-1-19	100'	100'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet.

DATES

Put to producing _____ September 1, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil.

EMPLOYEES

Rock pressure, lbs. per sq. in. _____
It gas well, cu. ft. per 24 hours _____
emulsion _____
C. H. Barnes, Driller
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1800	1970		Gray lime, sandy
1825	1800		same
1750	1825		gray-red bed
380	1750		same
350	380		Red bed & sand
250	350		Sand