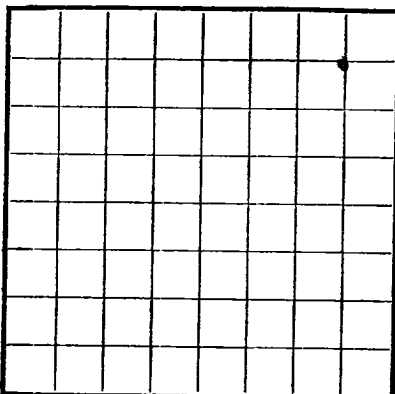




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las CrucesSERIAL NUMBER NM 015068

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
JAN 13 1958
U. S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Robert E. Case Address Box 246, Artesia, New Mexico
Lessor or Tract A Field Turkey Track Ext. State New Mexico
Well No. 3 Sec. 33 T. 18 R. 29 Meridian N.M.P. County Eddy
Location 330 ft. N. of North line and 330 ft. E. of East line of Sec. 33 Elevation 3430
(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 December 31, 1957Title Manager of Oil Division

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

Commenced drilling October 26, 1957 Finished drilling November 30, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 720 to 734 No. 4, from 1655 to 1665
No. 2, from 1320 to 1330 No. 5, from 2058 to 2066
No. 3, from 1535 to 1545 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 200 to 215 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 5/8</u>	<u>24</u>	<u>8 rd.</u>	<u>Used</u>	<u>370'</u>	<u>Regular</u>				<u>Surface string</u>
<u>5 1/2</u>	<u>14</u>	<u>8 rd.</u>	<u>New</u>	<u>205'</u>	<u>Regular</u>				<u>205' casing</u>
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 5/8</u>	<u>370</u>	<u>25</u>	<u>Denton</u>		
<u>5 1/2</u>		<u>35</u>	<u>Denton</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>Sand fraced with 25,000 gal. oil and</u>						

TOOLS USED

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

Cable tools were used from Surface feet to 205' feet, and from _____ feet to _____ feet

DATES

November 27, 1957 Put to producing December 31, 1957

The production for the first 24 hours was 70 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 32.6

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

Rock pressure, lbs. per sq. in. 300

EMPLOYEES

H. S. Guinan, Driller _____, Driller
Vern Miller, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2	2	Sand
2	50	48	Caliche
50	150	100	Red Beds
150	180	30	Anhy.
180	200	20	Red Beds
200	215	15	Sand
215	322	117	Anhy. and sh. fr. sh.
322	355	33	Salt
355	365	10	Anhy.
365	720	355	Salt
720	740	20	Anhy.
740	895	175	Salt
895	930	35	Anhy.
930	1045	115	Anhy. and sh. fr. sh.
1045	1060	15	Grey Limestone hard
1060	1075	15	Line - hard
1075	1145	70	Anhy.
1145	1200	55	Anhy. and shale
1200	1365	165	Anhy. Broken
1365	1427	62	Anhy.
1427	1440	23	Line, Pink, hard
1440	1450	10	Anhy. Broken
1450	1455	5	Line
1455	1505	50	Anhy.
1505	1535	30	Line

(OVER)

10-43094-4

14-00000

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Y. J. ZHANG, L. CHEN, J. C. CHOI, J.

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 balling.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
1535	1545	10	Broken lime
1545	1590	45	lime and Anhy.
1590	1615	25	lime, grey, Hard
1615	1620	5	Anhy. and lime
1620	1775	155	lime
1775	1780	5	lime, broken
1780	1798	18	lime, grey, Hard
1798	1835	37	lime, broken
1835	1850	15	lime
1850	1865	15	lime, grey
1865	1905	40	lime, broken
1905	1915	10	lime
1915	1955	40	lime, broken
1955	1990	35	lime
1990	2058	68	lime, broken
2058	2062	4	sand, broken
2062	2073	11	sand, red

FORMATION RECORD—Continued