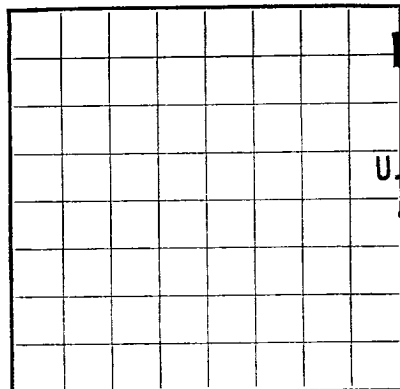


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 059576
LEASE OR PERMIT TO PROSPECT J

LOCATE WELL CORRECTLY

RECEIVED

OCT 10 1960

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OCT 20 1960

ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Boller and Nichols Address Maljamar, New Mexico
Lessor or Tract Iles Field Maljamar State New Mexico
Well No. 13 Sec. 4 T. 17 R. 32 Meridian N M P M County Lea
Location 1980 ft. Nx of S. Line and 1980 ft. E. of E. Line of 4-17-32 Elevation 4157
(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. F. McArthur

Date October 6, 1960Title Supt.

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

Commenced drilling September 14, 1960 Finished drilling September 25, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>3926</u> to <u>3930</u>	No. 4, from <u>4014</u> to <u>4018</u>
No. 2, from <u>3948</u> to <u>3954</u>	No. 5, from <u>4038</u> to <u>4048</u>
No. 3, from <u>3975</u> to <u>3981</u>	No. 6, from <u>4162</u> to <u>4166</u>
	<u>4180</u> <u>4186</u>

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 5/8</u>	<u>28</u>	<u>8</u>		<u>308</u>	<u>Texas</u>		<u>3926-30</u>	<u>3948-54</u>	
<u>5 1/2</u>	<u>15 1/2</u>	<u>8</u>		<u>4209</u>	<u>Float</u>		<u>3975-81</u>	<u>4014-18</u>	
							<u>4048-58</u>	<u>4162-66</u>	
							<u>4180-86</u>		

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>308</u>	<u>200</u>	<u>Halliburton</u>		
<u>5 1/2</u>	<u>4209</u>	<u>450</u>	<u>Halliburton</u>		
	<u>Note: Best we could tell, cement came to 1485</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

TOOLS USED

Rotary tools were used from -0- feet to 4209 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing October 5, 1960

The production for the first 24 hours was 72 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 32.2

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
<u>0</u>	<u>1140</u>	<u>1140</u>	<u>gyp and red bed</u>
<u>1140</u>	<u>2380</u>	<u>1240</u>	<u>salt</u>
<u>2380</u>	<u>3752</u>	<u>1372</u>	<u>anhy.</u>
<u>3752</u>	<u>3926</u>	<u>174</u>	<u>lime</u>
<u>3926</u>	<u>3930</u>	<u>4</u>	<u>sand</u>
<u>3930</u>	<u>3948</u>	<u>18</u>	<u>lime</u>
<u>3948</u>	<u>3954</u>	<u>6</u>	<u>sand</u>
<u>3954</u>	<u>3975</u>	<u>21</u>	<u>lime</u>
<u>3975</u>	<u>3981</u>	<u>6</u>	<u>sand</u>
<u>3981</u>	<u>4014</u>	<u>33</u>	<u>lime</u>
<u>4014</u>	<u>4018</u>	<u>4</u>	<u>sand</u>
<u>4018</u>	<u>4038</u>	<u>20</u>	<u>lime</u>
<u>4038</u>	<u>4048</u>	<u>10</u>	<u>sand</u>
<u>4048</u>	<u>4162</u>	<u>114</u>	<u>sand</u>
<u>4162</u>	<u>4166</u>	<u>4</u>	<u>sand</u>
<u>4166</u>	<u>4180</u>	<u>14</u>	<u>lime</u>
<u>4180</u>	<u>4186</u>	<u>6</u>	<u>sand</u>
<u>4186</u>	<u>4209</u>	<u>23</u>	<u>lime</u>

[OVER]

