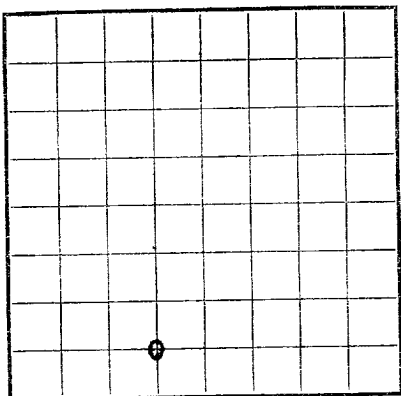


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 061638
LEASE OR PERMIT TO PROSPECT _____
Brewer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company General American Oil Co. of Texas Address P. O. Box 416, Loco Hills, N.M.
Lessor or Tract Brewer Field High Lonesome State New Mexico
Well No. 23 Sec. 14 T. 16 SR. 29 Meridian N. M. P. M. County Eddy
Location 660 ft. N. of S. Line and 1980 ft. E. of W. Line of Section 14 Elevation 3704'
(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 R. J. Heard
Title District Superintendent

Date December 9, 1959

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

Commenced drilling October 20, 1959 Finished drilling November 16, 1959

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

No. 1, from 2025' to 2040' 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 296' to 299' No. 3, from _____ to _____
No. 2, from 1792' to 1815' 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>10-3/4"</u>	<u>382'</u>	<u>8rd</u>	<u>Used</u>	<u>382'</u>	<u>Regular</u>				<u>Drilling</u>
<u>8-5/8"</u>	<u>28#</u>	<u>8rd</u>	<u>Used</u>	<u>1999'</u>	<u>Texas Pattern</u>				<u>Water String</u>
<u>7"</u>	<u>20 & 23#</u>	<u>8rd</u>	<u>Used</u>	<u>2022'</u>	<u>Texas Pattern</u>				<u>Production String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>382'</u>	<u>None</u>	<u>Obtained formation shut-off</u>		
<u>8-5/8"</u>	<u>1999'</u>	<u>None</u>	<u>Pump & Plug</u>	<u>Heavy</u>	<u>15 sacks Aquagel</u>
<u>7"</u>	<u>2024'</u>	<u>150</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

STIMULATION SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>Material</u>			<u>Treated</u>	
		<u>20% HCl</u>	<u>500 gals</u>	<u>11-18-59</u>	<u>2024-2046'</u>	
		<u>Crude Oil</u>	<u>69,258 gals</u>	<u>11-18-59</u>	<u>2024-2046'</u>	
		<u>Ottawa Sand</u>	<u>24,000 lbs</u>	<u>11-18-59</u>	<u>2024-2046'</u>	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2046' feet, and from _____ feet to _____ feet

DATES

December 9, 1959 Put to producing December 9, 1959
The production for the first 24 hours was 10 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. XX API 35.00
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

D. C. Crooks, Driller G. H. Harris, Driller
J. S. Dennis, Driller J. E. Wilcox, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>Caliche</u>
<u>10</u>	<u>250</u>	<u>240</u>	<u>Red Sand and Shale</u>
<u>250</u>	<u>260</u>	<u>10</u>	<u>Gravel</u>
<u>260</u>	<u>325</u>	<u>65</u>	<u>Anhy</u>
<u>325</u>	<u>372</u>	<u>47</u>	<u>Red Shale</u>
<u>372</u>	<u>382</u>	<u>10</u>	<u>Anhy</u>
<u>382</u>	<u>410</u>	<u>28</u>	<u>Red Shale</u>
<u>410</u>	<u>450</u>	<u>40</u>	<u>Anhy and Shale</u>
<u>450</u>	<u>855</u>	<u>405</u>	<u>Salt</u>
<u>855</u>	<u>900</u>	<u>45</u>	<u>Anhy and Shale</u>
<u>900</u>	<u>974</u>	<u>74</u>	<u>Anhy</u>
<u>974</u>	<u>999</u>	<u>25</u>	<u>Anhy and Lime</u>
<u>999</u>	<u>1025</u>	<u>26</u>	<u>Anhy</u>
<u>1025</u>	<u>1152</u>	<u>127</u>	<u>Anhy and Red Shale</u>
<u>1152</u>	<u>1415</u>	<u>263</u>	<u>Anhy</u>
<u>1415</u>	<u>1420</u>	<u>5</u>	<u>Anhy and Shale</u>
<u>1420</u>	<u>1438</u>	<u>18</u>	<u>Lime</u>
<u>1438</u>	<u>1604</u>	<u>166</u>	<u>Anhy</u>
<u>1604</u>	<u>1625</u>	<u>21</u>	<u>Red Sandy Shale</u>
<u>1625</u>	<u>1792</u>	<u>167</u>	<u>Anhy</u>
<u>1792</u>	<u>1815</u>	<u>23</u>	<u>Red Shale</u>
<u>1815</u>	<u>1835</u>	<u>20</u>	<u>Anhy</u>
<u>1835</u>	<u>1843</u>	<u>8</u>	<u>Lime</u>
<u>1843</u>	<u>1845</u>	<u>2</u>	<u>Anhy</u>
<u>1845</u>	<u>1839</u>	<u>-6</u>	<u>SLM</u>

(OVER)

FORMATION RECORD—CONTINUED

