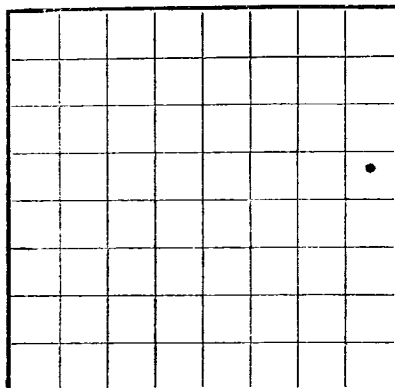


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 020105
LEASE OR PERMIT TO PROSPECT unlees

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address P. O. Box 416, Loco Hills, N.M.
Lessor or Tract unlees Field Square Lake State New Mexico
Well No. 5 Sec. 36 T. 16-S R. 29-E Meridian N.M. County Santa Fe
Location 2310 ft. N. of 1 Line and 330 ft. E. of 3 Line of section 35 Elevation 3400
(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
Date March 13, 1958 Title R. J. Heard, Dist. Supt.

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

Commenced drilling January 23, 1958 Finished drilling Feb. 25, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2453' to 2462' (G) No. 4, from _____ to _____
No. 2, from 2614' to 2622' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 340' to 345' No. 3, from _____ to _____
No. 2, from 1923' to 1934' 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>5/8"</u>	<u>32, 23, 24</u>	<u>3rd.</u>	<u>used</u>	<u>494'</u>	<u>regular</u>				<u>salt string</u>
<u>7"</u>	<u>20</u>	<u>3rd. Spang</u>	<u>1948</u>	<u>Texas pattern</u>					<u>water string</u>
<u>5 1/2"</u>	<u>14</u>	<u>3rd. CT 1 1/2</u>	<u>2400'</u>	<u>Texas pattern</u>					<u>Prod. string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8"</u>	<u>497'</u>	<u>50</u>	<u>pump & plug</u>	<u>none</u>	<u>none</u>
<u>7"</u>	<u>1951'</u>	<u>set & pulled</u>			
<u>5 1/2"</u>	<u>2612'</u>	<u>100</u>	<u>pump & plug</u>	<u>heavy</u>	<u>60 Bbls.</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

STIMULATION

FROTHING RECORD

Size	Shell used	Material used	Quantity	Date	Depth set	Depth cleaned out
		<u>20% HC/1</u>	<u>500 gals.</u>	<u>2-26-58</u>	<u>2612' - 2636'</u>	
		<u>Crude Oil</u>	<u>41,268 gals.</u>	<u>"</u>	<u>"</u>	<u>"</u>
		<u>Ottawa Sand</u>	<u>60,000'</u>	<u>"</u>	<u>"</u>	<u>"</u>

TOOLS USED

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

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

DATES

March 11, 1958 Put to producing March 4, 1958

The production for the first 24 hours was 160 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. API. 37.0 degrees

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. L. Anderson _____, Driller Jim Harrod _____, Driller

T. A. Clifton _____, Driller E. J. Parish _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	cellar
5	10	5	caliche
10	200	190	shale
200	340	140	anhy.
340	360	20	sandy shale
360	375	15	red shale
375	400	25	anhy.
400	435	35	red beds
435	463	28	anhy. & red beds
463	903	440	salt
903	920	17	anhy.
920	975	55	anhy. & red beds
975	990	15	salt & anhy.
990	1085	95	anhy.
1085	1135	50	red shale
1135	1225	90	anhy. & red shale
1225	1685	460	anhy.
1685	1730	45	anhy. & red shale
1730	1810	80	anhy.
1810	1890	20	blue shale
1890	1852	22	anhy.
1852	1862	10	SLT
1862	1900	38	anhy.
1900	1923	23	gray sand
1923	1934	11	red sand
1934	2335	401	anhy.

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2335	2355	20	lime
2355	2400	45	broken anhy.
2400	2535	135	lime
2535	2577	42	broken lime
2577	2614	37	lime
2614	2632	18	red & gray sand
2632		4	lime

HISTORY OF OIL OR GAS WELL

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 bailing.