

RECEIVED

NOV 4 1959

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOBudget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 061638
LEASE OR PERMIT TO PROSPECT BrewerUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 5 1959

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 Undesignated State New Mexico
Well No. 22 Sec. 12 T16-S R29-E Meridian N.M.P.M. County Eddy
Location 1980 ft. S. of S Line and 1980 ft. E. of E Line of Section 12 Elevation 3729
(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

District Superintendent

Date November 3, 1959

Title

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

Commenced drilling September 17, 1959 Finished drilling October 22, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 675 (Air) to 1914 to 1925 (G)
No. 2, from 695 (Air) to 2550 to 2604 (G)
No. 3, from 740 (Air) to 1825 to 1825

IMPORTANT WATER SANDS

No. 1, from 370 to 378 to 1825
No. 2, from 1850 to 1865 to 1825

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	35	8rd	Used	390'	Regular	1825'			Salting
8 5/8"	28	8rd	Used	1887'	Pattern	1825'			String
5 1/2"	14	8rd	CP & I	2546'	Guide				Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	390'	None	Obtained formation shut-off		
8 5/8"	1887'	None	Pump & Plug	Heavy	30 sacks Aquagel
5 1/2"	2546'	150	Pump & Plug	Heavy	

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2624 feet, and from _____ feet to _____ feet

DATES

November 3, 1959 Put to producing _____ Shut In _____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 5,100 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 920 psig ST Surface Pressure

EMPLOYEES

M. H. Crabb, Driller L. P. Jennings, Driller
J. G. Crow, Driller E. S. Parish, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	Cellar
5	25	20	Caliche
25	329	304	Red Sandy Shale
329	395	66	Anhy
395	490	95	Anhy & Shale
490	918	428	Salt
918	1075	157	Anhy
1075	1170	95	Anhy & Shale
1170	1730	560	Anhy
1730	1775	45	Anhy & Shale
1775	1793	18	Anhy
1793	1787	-6	SLM
1787	1850	63	Anhy
1850	1865	15	Red Sand
1865	1891	26	Anhy
1891	1887	-4	SLM
1887	2059	172	Anhy
2059	2057	-2	SLM
2057	2072	15	Sandy Lime
2072	2087	15	Sand
2087	2102	15	Anhy
2102	2120	18	Salt & Anhy
2120	2140	20	Anhy
2140	2210	70	Anhy & Shale

(OVER)

FORMATION RECORD—Continued

16-43094-4

1928 2 NOV 1928

TOE TO HO OR EAD EEW

LOCATED WITH CORRECTLY

Company Name _____
Address _____
City _____ State _____ Zip _____
Phone _____
E-mail _____
Web Site _____
Location _____
The information given below is a copy of the original and correct record of the event and is not to be altered in any way.
Signed _____
Date _____

Continued on next page

REFRAME 90 30448 240 40 JIC

D. MC 355 (Rev. 8-71)	
1. $\lim_{x \rightarrow 0} \frac{1}{x} = \infty$ $\lim_{x \rightarrow 0} \frac{1}{x^2} = \infty$	2. $\lim_{x \rightarrow 0} \frac{1}{x^3} = \infty$ $\lim_{x \rightarrow 0} \frac{1}{x^4} = \infty$
3. $\lim_{x \rightarrow 0} \frac{1}{x^5} = \infty$ $\lim_{x \rightarrow 0} \frac{1}{x^6} = \infty$	4. $\lim_{x \rightarrow 0} \frac{1}{x^7} = \infty$ $\lim_{x \rightarrow 0} \frac{1}{x^8} = \infty$
5. $\lim_{x \rightarrow 0} \frac{1}{x^9} = \infty$ $\lim_{x \rightarrow 0} \frac{1}{x^{10}} = \infty$	6. $\lim_{x \rightarrow 0} \frac{1}{x^{11}} = \infty$ $\lim_{x \rightarrow 0} \frac{1}{x^{12}} = \infty$

REPORT AND WATER

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$	2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$	3. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$	4. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
5. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$	6. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$	7. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$	8. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

CLASSIC RECORD

Category	Number of cases	Number of deaths	Number of recoveries	Number of cases with complications	Number of cases with sequelae	Number of cases with long-term effects
Category 1	10	2	8	1	1	1
Category 2	20	5	15	2	2	2
Category 3	30	10	20	3	3	3
Category 4	40	15	25	4	4	4
Category 5	50	20	30	5	5	5
Category 6	60	25	35	6	6	6
Category 7	70	30	40	7	7	7
Category 8	80	35	45	8	8	8
Category 9	90	40	50	9	9	9
Category 10	100	45	55	10	10	10

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 "detached" 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 piers 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

FROM-	TO-	TOTAL FEET	FORMATION
2210	2335	125	Any
2335	2350	15	Lime & Any
2350	2418	68	Lime
2418	2465	47	Any & Shale
2465	2520	55	Any
2520	2545	25	Any & Shale
2545	2604	59	Sand
2604	2624	20	Lime