

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 061638
Unit Brewer

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of Acid & Frac</u> x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Loco Hills, N. M. October 21, 19 58

Well No. 2 is located 660 ft. from N line and 660 ft. from W line of sec. 12

34 Sec. 12 16-S 29-E N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3728 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

RECORD OF ACID & FRAC;

10-11 Cleaned up hole & washed w/110 gals. 20% SLT HCL. Bailed slight show of oil.
10-12 Loaded hole & broke down w/12 bbls. 20% SLT HCL & 133 BO. Followed with 1,272 BO containing 30,000# 40/60 & 55,000# 20/40 Ottawa sand. Flushed w/106 BO. Max. inj. press. 2000 psig; minimum 1900; SD 1750; 14 hr. SI 600 psig. Total inj. time 27 min; avg. inj. rate 54.4 BPH. Load oil to rec. 1511 BO. Used 2 Fracmaster 1200's, 2 Fracmaster 600's & Master Mixer 60. Job by Western Co.

RESULTS OF ACID & FRAC;

10-13 Ran 2057' of 2-1/2" EUE tubing.
10-14 Stabbed & flowed 285 BO in 24 hrs.
10-15 Stabbed 448 BO in 24 hrs.
10-16 Stabbed 529 BO in 24 hrs.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company General American Oil Co. of Texas (Continued on page 2)

Address P. O. Box 416

Loco Hills, New Mexico

By

R. J. Heard
Field Supt.

Title

October 21, 1958

General American Oil Co. of Texas

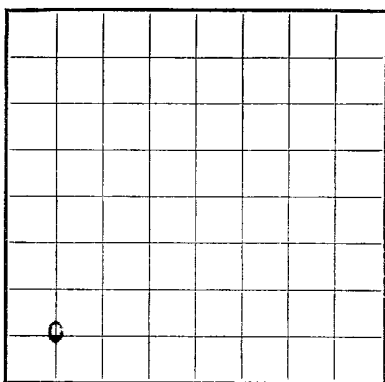
Subsequent Report of Acid & Frac, Brewer #2

RESULTS OF ACID & FRAC (Cont'd):

10-17 Stabbed 426 BD in 25 hrs. NET oil 177 Hbls.

SUBSEQUENT TESTS:

10-20 Stabbed & flowed 153 BD in 7-1/2 hrs.



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 061638
LEASE OR PERMIT TO PROSPECT BrewerUNITED 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 Brewer Field Undesignated State New Mexico
Well No. 2 Sec. 12 T. 16-S R. 29-E Meridian N.M.P.M. County Eddy
Location 660 ft. N. of S Line and 660 ft. E. of W Line of Section 12 Elevation 3628
(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. HeardDate October 20, 1958 Title District Superintendent

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

Commenced drilling September 4, 1958 Finished drilling October 5, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1343' to 1358' (G) No. 4, from _____ to _____
No. 2, from 2060' to 2070' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 352' to 362' No. 3, from _____ to _____
No. 2, from 1828' to 1836' 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>32.75</u>	<u>8rd</u>	<u>Used</u>	<u>406'</u>	<u>Regular</u>	<u>408</u>			<u>Salt water formation</u>
<u>8 5/8</u>	<u>28</u>	<u>8rd</u>	<u>Used</u>	<u>1854'</u>	<u>Regular</u>	<u>1792'</u>			
<u>7"</u>	<u>23</u>	<u>8rd</u>	<u>Mixed</u>	<u>2058'</u>	<u>Guide</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>408'</u>	<u>None</u>	<u>Obtained</u>	<u>formation</u>	<u>shut-off</u>
<u>8 5/8</u>	<u>1857'</u>	<u>None</u>	<u>Obtained</u>	<u>formation</u>	<u>shut-off</u>
<u>7"</u>	<u>2060'</u>	<u>150</u>	<u>Pump & Plug</u>	<u>Heavy</u>	<u>50 barrels</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

STIMULATION

STIMULATION RECORD

Size	Shell used	Material used	Quantity	Date	Depth set treated	Depth cleaned out
		<u>20% HCl</u>	<u>500 gals</u>	<u>10-12-58</u>	<u>2060'-2080'</u>	
		<u>Crude Oil</u>	<u>53,424 g.</u>	<u>10-12-58</u>		
		<u>Offshore Sand</u>	<u>85,000 lb</u>			

TOOLS USED

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

Cable tools were used from 0 feet to 2710 feet, and from _____ feet to _____ feet

DATES

October 20, 1958 Put to producing October 16, 1958The production for the first 24 hours was 396 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. °API 36.0°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M. H. Crabb, Driller Ben Porter, DrillerD. C. Crooks, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>237</u>	<u>237</u>	<u>Red Shale & Sand</u>
<u>237</u>	<u>362</u>	<u>125</u>	<u>Anhy & Gyp</u>
<u>362</u>	<u>405</u>	<u>43</u>	<u>Red Shale</u>
<u>405</u>	<u>413</u>	<u>8</u>	<u>Anhy & Gyp</u>
<u>413</u>	<u>445</u>	<u>32</u>	<u>Red Shale</u>
<u>445</u>	<u>463</u>	<u>18</u>	<u>Anhy</u>
<u>463</u>	<u>890</u>	<u>427</u>	<u>Salt</u>
<u>890</u>	<u>1055</u>	<u>165</u>	<u>Anhy</u>
<u>1055</u>	<u>1070</u>	<u>15</u>	<u>Lime</u>
<u>1070</u>	<u>1118</u>	<u>48</u>	<u>Red Shale</u>
<u>1118</u>	<u>1206</u>	<u>88</u>	<u>Shale & Anhy</u>
<u>1206</u>	<u>1886</u>	<u>680</u>	<u>Anhy</u>
<u>1886</u>	<u>1900</u>	<u>14</u>	<u>Anhy & Red Shale</u>
<u>1900</u>	<u>2000</u>	<u>100</u>	<u>Anhy</u>
<u>2000</u>	<u>2048</u>	<u>48</u>	<u>Anhy & Red Shale</u>
<u>2048</u>	<u>2085</u>	<u>37</u>	<u>Sand</u>
<u>2085</u>	<u>2108</u>	<u>23</u>	<u>Anhy</u>
<u>2108</u>	<u>2220</u>	<u>112</u>	<u>Anhy & Red Shale</u>
<u>2220</u>	<u>2258</u>	<u>38</u>	<u>Anhy</u>
<u>2258</u>	<u>2284</u>	<u>26</u>	<u>Lime & Anhy</u>
<u>2284</u>	<u>2335</u>	<u>51</u>	<u>Anhy</u>