Form 9-330

COPY

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028784-93 (b) Tr. A
LEASE OR PERMIT TO PROSPECT Keely B

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address Box 416, Loco Hills, New Mexico

Lessor or Tract Keely B Field Grayburg-Jackson State New Mexico

Well No. 20 Sec. 25 T. 17S R. 29E Meridian NMPM County Eddy

Location 1295 ft. {N./S.} of N Line and 2615 ft. {E./W.} of W Line of Section 26 Elevation 3602'
(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 (Signature)

Date April 6, 1950 Title Field Supt.

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

Commenced drilling February 19, 1950, 19 Finished drilling April 1, 1950, 19

## OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3016 to 3018 No. 4, from ____ to ____

No. 2, from 3031 to 3042 (broken) No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

## 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 8-5/8" | 24# | 8 rd | Nat'l | 453' | Tex. Pattern | | | | Salt String |
| 7" | 20# | 8rd | Youngstown | 2899' | Float | | | | Prod. String |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 8-5/8" | 459' | 50 | Halliburton | Heavy | To Surface |
| 7" | 2900' | 100 | Halliburton | Heavy | To Surface |
| | | | | | |
| | | | | | |

FOLD

## PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

## ACIDIZING SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|---|---|---|---|---|---|---|
| | | Chemical | Gallons | | Treated | |
| | | 20% HCl | 1000 | 4-2 | 3061-3108' | |
| | | 20% HCl | 2000 | 4-3 | 3061-3108' | |
| | | 20% HCl | 250 | 4-4 | 2900-3057' | |
| | | 20% HCl | 1400 | 4-4- | 2900-3057' | |

## TOOLS USED

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

Cable tools were used from 0 feet to 3108 feet, and from ____ feet to ____ feet

## DATES

April 6, 1950, 19 Put to producing April 4, 1950, 19

The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, ~~Bé.~~ API 37°

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

Rock pressure, lbs. per sq. in. ____

## EMPLOYEES

Roy Burkhart, Driller W. C. Karr, Driller

Carl Byler, Driller V. A. Lane, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 4 | 4 | Sand |
| 4 | 15 | 11 | Caliche |
| 15 | 190 | 175 | Red Shale |
| 190 | 212 | 22 | Sand |
| 212 | 255 | 43 | Red Shale |
| 255 | 353 | 98 | Red Shale & Anhy Shells |
| 353 | 405 | 52 | Red Shale |
| 405 | 415 | 10 | Potash & Anhy |
| 415 | 425 | 10 | Red Shale |
| 425 | 455 | 30 | Salt |
| 455 | 459 | 4 | SLM |
| 459 | 870 | 411 | Salt |
| 870 | 1108 | 238 | Anhy |
| 1108 | 1165 | 57 | Anhy & Red Rock |
| 1165 | 1292 | 127 | Anhy |
| 1292 | 1328 | 36 | Broken Anhy |
| 1328 | 1336 | 9 | Red Shale |
| 1336 | 1739 | 403 | Anhy |
| 1739 | 1761 | 22 | Broken Anhy |
| 1761 | 1874 | 113 | Anhy |
| 1874 | 1884 | 10 | SLM |
| 1884 | 1980 | 96 | Anhy |
| 1980 | 2004 | 24 | Red Sand |
| 2004 | 2038 | 34 | Anhy |
| 2038 | 2044 | 6 | Lime |
| 2044 | 2144 | 100 | Anhy |

(OVER)

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| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 2144 | 2157 | 13 | Gray Lime |
| 2157 | 2172 | 15 | Anhy |
| 2172 | 2204 | 32 | Broken Anhy |
| 2204 | 2232 | 28 | Anhy |
| 2232 | 2315 | 83 | Broken Anhy |
| 2395 | 2325 | 10 | Lime |
| 2325 | 2355 | 30 | Anhy |
| 2355 | 2360 | 5 | Broken Anhy |
| 2360 | 2375 | 15 | Broken Lime |
| 2375 | 2509 | 134 | Gray Lime |
| 2509 | 2526 | 17 | White Lime |
| 2526 | 2541 | 15 | Brown Lime |
| 2541 | 2630 | 69 | White Lime |
| 2630 | 2647 | 17 | Pink Lime |
| 2647 | 2708 | 61 | White Lime |
| 2708 | 2720 | 12 | Pink Lime |
| 2720 | 2756 | 36 | Gray Lime |
| 2756 | 2830 | 74 | White Lime |
| 2830 | 2836 | 6 | SLM |
| 2836 | 3046 | 210 | White Lime |
| 2046 | 2051 | 5 | Brown Lime |
| 3051 | 31066 | 55 | White Lime |
| 3106 | 3108 | 2 | SLM |

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## 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.**