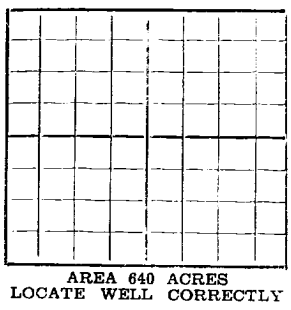
Form SG 108

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Rec'd and Filed 6-25-32 T. A. Offutt State Oil & Gas Inspector

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

# WELL RECORD

**Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.**

Company Amerada Petroleum Corp. Address Hobbs, New Mexico.

Send correspondence to J. A. Starkey Address do do

Boone Hardin Well No. 1 in SW¼ of SW¼ of Sec. 18, T. 18 S,

R. 38 E, N. M. P. M., Hobbs Oil Field Lea County.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Boone Hardin Address Hobbs N.M.

The lessee is Amerada Pet. Corp. Address do do

If not state or patented land, give status

Drilling commenced March 24 1932. Drilling was completed June 1 1932.

Name of drilling contractor Noble Drilling Co. Address Oklahoma City, Okla.

Elevation above sea level at top of casing 3671 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

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

Oil Sands or Zones (Tops)

~~IMPORTANT WATER SANDS~~

No. 1, from 3230 to 3235 No. 3, from 4105 to 4155

No. 2, from 3650 to 3660 No. 4, from to

## CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATED FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 16" | 70# | 8 | Weld | 222' | T.P. | | | | |
| 10¾" | 45 | 8 | " | 2761' | Larkin | | | | |
| 8 5/8 | 32 | 10 | smlss | 3923' | Larkin | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

## MUDDING AND CEMENTING RECORD

| SIZE | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|
| 16" | 222' | 250 | Halliburton | | |
| 10¾" | 2761' | 420 | " | | |
| 8 5/8" | 3923' | 275 | " | | |
| | | | | | |

## 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 222' feet to 4156 feet, and from feet to feet

Cable tools were used from 0 feet to 222' feet, and from feet to feet

## PRODUCTION

Put to producing June 16, 1932.

The production of the first 24 hours was 1 hr open flow at rate of 10174 barrels of fluid of which 99.8 % was oil; 2/10 % emulsion; % water; and % sediment. Gravity, Be 35.2

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

Rock pressure, lbs. per sq. in.

## EMPLOYES

A.P.Cooper, Driller T.A.Offutt, Driller

, Driller , Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 25th day of June, 1932

Notary Public.

My commission expires June 11, 1934

Name H E Lowe

Postion Field Foreman Clerk

Representing Amerada Pet. Corp
Company or Operator

## FORMATIO N RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 25 | 25 | Caleshie |
| 25 | 30 | 5 | Hard Lime |
| 30 | 35 | 5 | Sand |
| 35 | 40 | 5 | Caleshie |
| 40 | 50 | 10 | Lime |
| 50 | 90 | 40 | Sand |
| 90 | 110 | 20 | Lime |
| 110 | 140 | 30 | Sand |
| 140 | 145 | 5 | Red Rock |
| 145 | 180 | 37 | Sand |
| 180 | 222 | 42 | Red Rock |
| 222 | 460 | 238 | Red Beds |
| 460 | 612 | 152 | Sand Shale & Red Beds |
| 612 | 970 | 358 | Red beds & Shells |
| 970 | 1044 | 74 | Red Beds |
| 1044 | 1193 | 149 | Red Beds & Shells |
| 1193 | 1235 | 42 | Red Beds |
| 1235 | 1253 | 17 | Sand |
| 1253 | 1305 | 52 | Red Beds & Shells |
| 1305 | 1315 | 10 | sand |
| 1315 | 1375 | 60 | Red Beds & Streaks of sand |
| 1375 | 1415 | 40 | Red Beds & Anhydrite |
| 1415 | 1466 | 51 | Red Beds & Shells |
| 1466 | 1530 | 64 | Red Beds |
| 1530 | 1540 | 10 | Red Rock & Anhydrite |
| 1540 | 1585 | 45 | Anhydrite |
| 1585 | 1589 | 4 | Red Beds & Shells |
| 1589 | 1654 | 65 | Anhydrite |
| 1654 | 1660 | 6 | Anhydrite & Red Rock |
| 1660 | 1746 | 186 | Salt |
| 1746 | 1770 | 24 | Anhydrite |
| 1770 | 1786 | 16 | Red Beds |
| 1786 | 1858 | 72 | Broken Salt & Red Beds |
| 1858 | 1925 | 67 | Salt, Red Beds & Anhydrite |
| 1925 | 1995 | 70 | Salt & Potash |
| 1995 | 2200 | 205 | Salt |
| 2200 | 2310 | 110 | Salt, Potash, & Gyp |
| 2310 | 2390 | 80 | Salt |
| 2390 | 2406 | 16 | Anhydrite |
| 2406 | 2517 | 111 | Salt |
| 2517 | 2540 | 23 | Anhydrite |
| 2540 | 2544 | 4 | Salt |
| 2544 | 2725 | 181 | Anhydrite |
| 2725 | 2757 | 32 | Anhydrite & Red Beds |
| 2757 | 2825 | 68 | Anhydrite |
| 2825 | 2843 | 18 | Brown Lime |
| 2843 | 2880 | 37 | Bron Lime & Anhydrite |
| 2880 | 2915 | 35 | Anhydrite |
| 2915 | 2927 | 12 | Gas Sand |
| 2927 | 3015 | 88 | Anhydrite |
| 3015 | 3020 | 5 | Brown Sandy Lime |
| 3020 | 3045 | 25 | Anhydrite |
| 3045 | 3047 | 2 | Blue Shale |
| 3047 | 3230 | 183 | Anhydrite |
| 3230 | 3235 | 5 | Sandy Lime ( Oil & Gas Show) |
| 3235 | 3248 | 13 | Anhydrite & Lime Shells |
| 3248- | 3260 | 12 | Anhydrite |
| 3260 | 3264 | 4 | Blue Shale |
| 3264 | 3270 | 6 | Anhydrite |
| 3270 | 3277 | 7 | Blue Shale |
| 3277 | 3485 | 208 | Anhydrite |
| 3485 | 3501 | 16 | Gray Lime |
| 3501 | 3540 | 39 | Lime & Anhydrite |
| 3540 | 3650 | 110 | Anhydrite |
| 3650 | 3660 | 10 | Brown Lime ( Show oil & gas ) |
| 3660 | 3671 | 11 | Brown Lime & Anhydrite |
| 3671 | 3685 | 14 | Anhydrite |
| 3685 | 3693 | 8 | Gray Lime |
| 3693 | 3706 | 13 | Anhydrite |
| 3706 | 3726 | 20 | Anhydrite & Streaks of Lime |
| 3726 | 3870 | 144 | Lime |
| 3870 | 3877 | 7 | Broken Lime & Anhydrite |
| 3877 | 3932 | 55 | Lime |
| 3932 | 3934 | 2 | Green Shale |
| 3934 | 3955 | 21 | Gray Lime |
| 3955 | 3970 | 15 | Brown Lime |
| 3970 | 4000 | 30 | Gray Lime |
| 4000 | 4015 | 15 | Gray & Brown Lime |
| 4015 | 4058 | 43 | Sandy Lime ( Oil Show 4000-4025) |
| 4058 | 4070 | 12 | Chrystalline Lime |
| 4070 | 4080 | 10 | Brown Lime |
| 4080 | 4102 | 22 | Gray Lime |
| 4102 | 4105 | 3 | Gray Sand |
| 4105 | 4137 | 32 | Brown Lime ( Pay ) |
| 4137 | 4140 | 3 | Gray Lime ( dry ) |
| 4140 | 4146 | 6 | Brown Lime ( Oil) |
| 4146 | 4152 | 6 | Gray Lime ( dry ) |
| 4152 | 4155 | 3 | Brown Lime ( oil ) |
| 4155 | 4158 | 3 | Gray Lime ( dry ) |

TOTAL DEPTH 4158