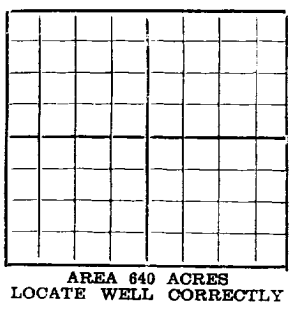
APPROVED AS O. K.
DUPLICATE

Form SG 108

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 Shell Pet Corp Address Box 996 - Wink, Texas

Send correspondence to Shell Pet Corp Address Box 996 - Wink, Texas

Nora Berry Well No. 3 in SW¼ of Sec. 21, 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 Nora Berry, Address

The lessee is Shell Petroleum Corporation, Address Box 996-Wink,Tex

If not state or patented land, give status

Drilling commenced 5-28-34 19. Drilling was completed 7-6-34 19

Name of drilling contractor Noble Drilling Co, Address Ardmore, Okla

Elevation above sea level at top of casing 3641 feet.

The information given is to be kept confidential until Not confidential 19

## OIL SANDS OR ZONES

No. 1, from 4070 to 4105 No. 4, from to

No. 2, from 4125 to 4150 No. 5, from to

No. 3, from 4155 to 4224 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 | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATED FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 12½ | 50 | 8 | S.K | 253 | cellar | | | | String |
| 8-5/8" | 36 | 8 | J&L | 2766 | Baker Cement | | | | Intermediate string |
| 7" OD | 24 | 10 | J&L | 3962 | Baker Cement | | | | Oil String |

## MUDDING AND CEMENTING RECORD

| SIZE | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|
| 12½" | 253 | 150 sacks | Halliburton | | |
| 9-5/8" | 2766 | 150 " | " | | |
| 7" OD | 3962 | 250 " | " | | |

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

## Acid Treatment ~~SHOOTING~~ RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|---|---|---|---|---|---|---|
| | | | 1000 | 7-9 | 3962-4225 | |

## TOOLS USED

Rotary tools were used from 0 feet to 4225 feet, and from feet to feet

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

## PRODUCTION

Put to producing 7-16-34, 19.

The production of the first 24 hours was 11,773 barrels of fluid of which - % was oil; % emulsion; % water; and 0.8 % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

Official P.T 7-14-34

## EMPLOYES

Red Davis, Driller C. C. Smyer, Driller

Fred Mound, 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 20 day of July, 1934

John L. Emerson Notary Public

My commission expires Justice of the Peace Feb-1st-1935

Name O. G. Schuelke

Postion Field Engineer

Representing Shell Pet Corp. Company or Operator

DUPLICATE
JUL 29 1934
APPROVED AS O. K.

NCR

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 19 | 19 | Rotary to bottm of cellar |
| 19 | 29 | 10 | Caliche' |
| 29 | 110 | 81 | Sand |
| 110 | 114 | 4 | Hard streak |
| 114 | 180 | 66 | Sand |
| 180 | 1302 | 1122 | Red Beds |
| 1302 | 1376 | 74 | Shale & Gypsum |
| 1376 | 1434 | 58 | Red shale-Red rock-and hard streaks |
| 1434 | 1443 | 9 | Red Rock |
| 1443 | 1488 | 45 | Anhydrite & Red rock-Top Anhydrite 1443' |
| 1488 | 1554 | 66 | Anhydrite & Hard streaks |
| 1554 | 1633 | 79 | Anhydrite & Lime |
| 1633 | 1654 | 19 | Red rock & red shale |
| 1654 | 1670 | 16 | Potash & Red shale - top Salt 1654' |
| 1670 | 1675 | 5 | Lime |
| 1675 | 1704 | 29 | Streaks of Salt, Potash and shale |
| 1704 | 1791 | 85 | Shale, salt, potash & gypsum |
| 1791 | 2550 | 759 | Salt, shale & hard streaks |
| 2550 | 2592 | 42 | Salt and shale |
| 2592 | 2662 | 70 | Anhydrite |
| 2662 | 2726 | 64 | Anhydrite & Streaks of salt-Base Salt 2726' |
| 2726 | 2766 | 40 | Anhydrite |
| 2766 | 2835 | 69 | Anhydrite & Lime-Top Brown Lime 2835 |
| 2835 | 2919 | 79 | Anhydrite & streaks of Lime |
| 2919 | 2983 | 64 | Anhydrite & streaks of Gypsum |
| 2983 | 2988 | 5 | Lime |
| 2988 | 3180 | 196 | Anhydrite |
| 3180 | 3188 | 8 | Anhydrite & Brown Lime(Top Bowers Sand 3180') |
| 3188 | 3202 | 14 | Anhydrite |
| 3202 | 3232 | 30 | Anhydrite w/ streaks of Gypsum |
| 3232 | 3294 | 62 | Anhydrite |
| 3294 | 3401 | 107 | Anhydrite and Hard streaks |
| 3401 | 3681 | 280 | Anhydrite |
| 3681 | 3689 | 8 | Lime |
| 3689 | 3698 | 9 | Gas Sand-Top Big Gas Sand 3689' |
| 3698 | 3708 | 10 | Lime |
| 3708 | 3730 | 22 | Anhydrite & Lime |
| 3730 | 3752 | 22 | Anhydrite |
| 3752 | 3772 | 20 | Lime |
| 3772 | 3874 | 101 | Anhydrite |
| 3874 | 3912 | 38 | Lime & Anhydrite (Base Anhydrite 3910 |
| 3912 | 3927 | 15 | Lime & Grey Lime |
| 3927 | 3962 | 35 | Grey Brown Sandy Lime |
| 3962 | 4007 | 45 | Sandy Grey Lime |
| 4007 | 4032 | 25 | Sandy Blue Lime & Grey |
| 4032 | 4057 | 25 | Blue & grey Lime(Top of White Lime 4032') |
| 4057 | 4070 | 13 | Very Light tan lime-slight oil stain |
| 4070 | 4100 | 30 | Brown Lime-Well saturated |
| 4100 | 4105 | 5 | Tan Lime - Oil stained |
| 4105 | 4110 | 5 | Grey Lime |
| 4110 | 4115 | 5 | Tan Lime - Oil stained |
| 4115 | 4125 | 10 | Grey Lime |
| 4125 | 4150 | 25 | Brown Lime-Saturated |
| 4150 | 4156 | 6 | Grey Sandy Shale-Top inter white Lime sand (Break 4156') |
| 4156 | 4224 | 68 | Brown lime - Saturated |
| 4224 | 4225 | 1 | Grey Lime - T.D |