

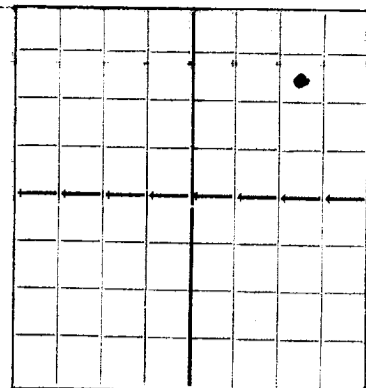
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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Repelle Oil Company

Hobbs, New Mexico

Company or Operator

Robert Jamison

5

E/2 NE/4

21

24S

Lease

Well No.

in

of Sec.

T.

R. 37 E

N. M. P. M.

Mattix

Field,

Lea

County.

Well is 990

feet south of the North line and

990

feet west of the East line of

Sec. 21-24S-37E.

If State land the oil and gas lease is No.

Assignment No.

If patented land the owner is

Robert Jamison

Address

Philadelphia, Pa.

If Government land the permittee is

Address

The Lessee is

Address

Drilling commenced

June 8,

19 37

Drilling was completed

10/20/37

19

Name of drilling contractor

Weiler Drlg. Co.,

Address

Monohans, Texas.

Elevation above sea level at top of casing

3234

feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from 3415

to 3660

No. 4, from

to

No. 2, from

to

No. 5, from

to

No. 3, from

to

No. 6, from

to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 55

to 110

feet.

Hole full.

No. 2, from 510

to 520

feet.

7 bailers per hr.

No. 3, from

to

feet.

No. 4, from

to

feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM | TO | PURPOSE |
|--------------------|-----------------|------------------|------|--------|--------------|-------------------|-----------------|----|---------|
| 11 1/2" | | | | | | | | | |
| 13" OD | 45# | | | 228 | | | | | |
| 8 5/8" OD | 28# | | | 1378 | Float | | | | |
| 7" OD | 24# | | | 3343 | Float | | | | |
| 2" Reg S.S. tubing | | | | 3572 | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 15 1/2" | 15" | 238 | 200 | Halliburton | | |
| 10" | 8 5/8" | 1589 | 250 | Halliburton | | |
| 8 1/2" | 7" | 3346 | 150 | Halliburton | | |

PLUGS AND ADAPTERS

Heaving plug—Material

Length

Depth Set

Adapters—Material

Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| 100 | 75' | Nitro. | 180 qts | 8/12/37 | 3399-3465 | 3465 |
| | 145' | Nitro. | 280 qts | 9/28/37 | 3463-3608 | 3660 |

Results of shooting or chemical treatment

Flowed 13 bbls in 12 hrs after 1st shot.

Flowed 59 bbls in 17 hrs after 2nd shot.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from

0

feet to

3669

feet, and from

feet to

feet

Cable tools were used from

feet to

feet, and from

feet to

feet

PRODUCTION

Put to producing

Oct. 24, 1937

19

The production of the first 24 hours was

15

barrels of fluid of which

100

% was oil;

% emulsion;

% water;

and

% 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.

EMPLOYEES

Art Gormley

Driller

C.A. Titus

Driller

C. Kirkpatrick

Driller

Edwards, Thompson & Chesney

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

13

Hobbs, N. Mexico

11/10/37

Place

Date

day of

Nov

19 37

Name

L. Smith

Position

District Superintendent

Representing

Repelle Oil Company

Company or Operator

Address

Hobbs, New Mexico.

My Commission expires

10 24 39

Notary Public

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|-------------------------------|
| 0 | 55 | 55 | Sand |
| 55 | 130 | 75 | Sand (Water 55-110) |
| 130 | 260 | 130 | Red Bed & Rock |
| 260 | 280 | 20 | Blue Shale |
| 280 | 455 | 175 | Red Rock |
| 455 | 498 | 43 | Blue Shale |
| 498 | 510 | 12 | Red Rock |
| 510 | 520 | 10 | Sand (Water 72WPH) |
| 520 | 565 | 45 | Sandy Lime |
| 565 | 575 | 10 | Sand (Water) |
| 575 | 610 | 35 | Red Rock |
| 610 | 650 | 20 | Blue Shale |
| 630 | 640 | 10 | Anhydrite Red Rock |
| 640 | 665 | 25 | Anhydrite |
| 665 | 710 | 45 | Blue Shale |
| 710 | 775 | 65 | Red Rock |
| 775 | 790 | 15 | Sand |
| 790 | 1080 | 290 | Blue Red Rock |
| 1080 | 1175 | 115 | Anhydrite |
| 1175 | 1185 | 10 | Sand (water) |
| 1185 | 1195 | 10 | Red Rock |
| 1195 | 2275 | 1080 | Anhydrite & Salt |
| 2275 | 2400 | 125 | Salt |
| 2400 | 2575 | 175 | Anhydrite |
| 2575 | 2615 | 40 | Brown lime |
| 2615 | 2810 | 195 | Anhydrite & shells |
| 2810 | 3355 | 545 | Lime |
| 3355 | 3368 | 13 | Sandy Lime |
| 3368 | 3415 | 47 | Lime |
| 3415 | 3430 | 15 | Sandy Lime |
| 3430 | 3469 | 39 | Lime |
| 3469 | 3485 | 16 | Sandy Lime |
| 3485 | 3495 | 10 | Lime |
| 3495 | 3505 | 10 | Sandy Lime |
| 3505 | 3512 | 7 | Lime |
| 3512 | 3519 | 7 | Broken Lime |
| 3519 | 3625 | 104 | Lime |
| 3625 | 3635 | 10 | Brown Lime |
| 3635 | 3669 | 34 | Lime |