Form C-102

DUPLICATE

RECEIVED OCT 28 1946 HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

# MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

| | | | |
|---|---|---|---|
| NOTICE OF INTENTION TO TEST CASING SHUT-OFF | | NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL | X |
| NOTICE OF INTENTION TO CHANGE PLANS | | NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING | |
| NOTICE OF INTENTION TO REPAIR WELL | | NOTICE OF INTENTION TO PLUG WELL | |
| NOTICE OF INTENTION TO DEEPEN WELL | | SQUEEZE OFF GAS | X |

Hobbs, New Mexico. (Place) October 24, 1946. (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the The Ohio Oil Company (Company or Operator) Mark Owen (Lease) Well No. 2 in SW/4, SW/4 of Sec. 35, T. 21S, R. 37E, N. M. P. M., Drinkard Field, Lea County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Plan on fill with 110' pea gravel and squeeze approximately 75 gallon of "Plastic" from 6416' to 6435' in order not to increase gas, then plan on acidizing with approximately 3,000 gallon 15% acid from 6440' to 6550'

Approved OCT 28 1946, 19__
except as follows:

OIL CONSERVATION COMMISSION,

By [signature]

Title Oil & Gas Inspector

The Ohio Oil Company
Company or Operator

By [signature]

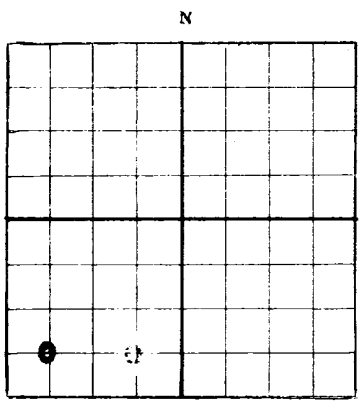
Position Superintendent

Send communications regarding well to

Name The Ohio Oil Company

Address P. O. Box 1607,
Hobbs, New Mexico.

FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# 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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

The Ohio Oil Company — Company or Operator; Box 1607 - Hobbs, New Mexico — Address

Mark Owen — Lease; Well No. 2 in SW/4 SW/4 of Sec. 35, T. ~~22S~~ 21S

R. 37E, N. M. P. M., Drinkard Field, Lea County.

Well is 4620 feet south of the North line and 4620 feet west of the East line of Sec. 35.

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

If patented land the owner is Mark Owen, Address Eunice, New Mexico

If Government land the permittee is _____, Address _____

The Lessee is The Ohio Oil Company, Address Box 1607 - Hobbs, N. Mex.

Drilling commenced August 20, 1946 Drilling was completed October 6, 1946

Name of drilling contractor J. F. Pestelle, Address Box 2326, Odessa, Texas.

Elevation above sea level at top of casing 3385 feet.

The information given is to be kept confidential until _____ 19____.

### OIL SANDS OR ZONES

No. 1, from 5160' to 5210' No. 4, from _____ to _____

No. 2, from (Paddock) 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 _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

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 | PERFORATED TO | PURPOSE Cem/ |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8 | 48 | 8 Rd | Smls | 281'8" | | | | | 250 |
| 8-5/8 | 32 | " | " | 2814'9" | | | | | 1500 |
| 5-1/2 | 17 | " | " | 6451'7" | | | | | 600 |
| 2-3/8 | 4.7 | " | " | 16' | Tubing Nipple | | | | |
| 2-3/8 | 4.7 | " | " | 6559'9" | Torpedoed End | | 6545' | 6548' | |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

### 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 |
|---|---|---|---|---|---|---|
| | | | | | | |
| None | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment None

### 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 6550' feet, and from _____ feet to _____ feet

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

### PRODUCTION

Put to producing October 16, 1946

The production of the first 24 hours was 264 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 40 at 60 degrees

If gas well, cu. ft. per 24 hours 600 M.C.F. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

### EMPLOYEES

W. W. Witt, Driller; J. P. Ivy, Driller

A. L. Webb, 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 22nd day of October 1946

E. R. McClellan
Notary Public

MY COMMISSION EXPIRES AUG. 19, 1947

My Commission expires: _____

Hobbs, New Mexico — Place; October 22, 1946 — Date

Name G. B. Stewart

Position Supt.

Representing The Ohio Oil Company — Company or Operator

Address Box 1607 - Hobbs, New Mexico

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 150 | 150 | Sand, caliche, shale |
| 150 | 296 | 146 | Red bed, shells |
| 296 | 500 | 204 | Shale |
| 500 | 860 | 360 | Red bed, shells |
| 860 | 1065 | 205 | Red bed |
| 1065 | 1155 | 90 | Red bed, shells |
| 1155 | 1235 | 80 | Red bed |
| 1235 | 1504 | 269 | Red bed, shells, salt |
| 1504 | 1704 | 200 | Anhydrite, salt |
| 1704 | 1890 | 186 | Anhydrite, salt, gypsum |
| 1890 | 2295 | 405 | Anhydrite, salt |
| 2295 | 2420 | 125 | Anhydrite |
| 2420 | 2467 | 47 | Anhydrite, gypsum |
| 2467 | 2586 | 119 | Anhydrite |
| 2586 | 2619 | 33 | Anhydrite, gypsum |
| 2619 | 2935 | 316 | Anhydrite |
| 2935 | 3000 | 65 | Lime, Anhydrite |
| 3000 | 3165 | 165 | Anhydrite |
| 3165 | 3350 | 185 | Anhydrite, lime |
| 3350 | 6550 | 3200 | Lime |
| | 6550 T.D. | | |

THE OHIO OIL COMPANY

MARK OWEN # 2.

## DEVIATION SURVEY

| Depth Taken | Degrees off Vertical |
|---|---|
| 250 | 0 |
| 500 | 0 |
| 750 | 0 |
| 1000 | 0 |
| 1250 | 0 |
| 1500 | 0 |
| 1750 | 0 |
| 2000 | 0 |
| 2250 | 0 |
| 2500 | 0 |
| 2750 | 1/2 |
| 3000 | 0 |
| 3250 | 0 |
| 3500 | 0 |
| 3750 | 0 |
| 4000 | 0 |
| 4250 | 0 |
| 4500 | 1-1/2 |
| 4750 | 2-1/2 |
| 4900 | 2 |
| 5000 | 1-1/2 |
| 5250 | 1-1/2 |
| 5500 | 1/2 |
| 5750 | 1/2 |
| 6000 | 1/2 |
| 6250 | 1/2 |

DST from 5160' to 5210'. Tool open 1 hour. 5/8" bottom and top choke. Gas to surface in 7 minutes. Recovered 1012' of oil and 276' oil and gas cut mud. Flowing bottom hole pressure 200#. GOR 324:1.

## [illegible]

| [illegible] | [illegible] |
|---|---|
| [illegible] | [illegible] |
| [illegible] | [illegible] |
| [illegible] | [illegible] |