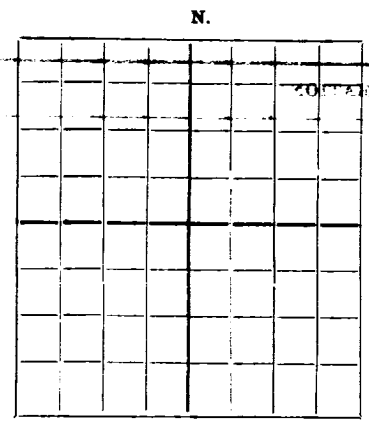
FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

## 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.

Shell Petroleum Corporation (Company or Operator) Houston Texas (Lease) State C

Well No. 2 in SE ¼ of NE¼ of Sec. 24, T. 19-S R. 36-E, N. M. P. M., Monument Field, Lea County.

Well is _____ feet south of the North line and _____ feet west of the East line of _____

If State land the oil and gas lease is No. 673 Assignment No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Shell Petroleum Corporation, Address Houston Texas

Drilling commenced 1-9-36 19____. Drilling was completed 2-13-36 19____

Name of drilling contractor Oil Well Drilling Co, Address Hobbs, N. M.

Elevation above sea level at top of casing 3703 feet.

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

### OIL SANDS OR ZONES

No. 1, from 4010 to 4043 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 _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 2, 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 |
|---|---|---|---|---|---|---|---|---|---|
| 12½ | 50 | 8 | SH | 251 | Baker | | | | WSO |
| 9-5/8 | 36 | 8 | New | 1275 | " | | | | WSO |
| 7" | 24 | 10 | New | 3785 | " | | | | " |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| ~~12½~~ | 12½ | 251 | 150 | Halliburton | | |
| | 9-5/8 | 1275 | 450 | " | | |
| | 7" | 3785 | 225 | " | | |
| | | | | | | |

### 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 |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment _____

### 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 4043 feet, and from _____ feet to _____ feet

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

### PRODUCTION

Put to producing 2-13, 1936

The production of the first 24 hours was 3428 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 33.8 at 60 o Fah.

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

Rock pressure, lbs. per sq. in. _____

### EMPLOYEES

E. H. Kemitz, Driller D. Branscum, Driller

Bill Cross, 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 28 day of Oct., 1936

Notary Public.

My Commission expires _____

Hobbs N. Mex. 3-10-36
Place Date

Name R. G. Schuelke

Position District Engineer

Representing Shell Petroleum Corporation
Company or Operator

Address _____

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| | 0 | | |
| 0 | 120 | | Sand w/S Red Beds |
| 120 | 1244 | | Red Beds w/hrd strks |
| 1244 | 1375 | | Anhy |
| 1375 | 1400 | | Salt |
| 1400 | 1455 | | Anhy |
| 1455 | 1563 | | Salt |
| 1563 | 1583 | | Anhy |
| 1583 | 2437 | | Salt & Anhy |
| 2437 | 2451 | | Salt |
| 2451 | 2519 | | Anhy |
| 2519 | 2632 | | Anhy w/s shale |
| 2632 | 2729 | | Anhy |
| 2729 | 2750 | | Brown Lime |
| 2750 | 2810 | | Anhy |
| 2810 | 3277 | | Lime |
| 3277 | 3375 | | Hrd Lime |
| 3375 | 3451 | | Lime |
| 3451 | 3464 | | Gray Lime |
| 3464 | 3470 | | " " S S G |
| 3470 | 3517 | | " " |
| 3517 | 3553 | | " " S S G |
| 3553 | 3582 | | Lime |
| 3582 | 3608 | | Gray Lime W/S Shale |
| 3608 | 3632 | | Gray Lime |
| 3632 | 3689 | | Lime |
| 3689 | 3769 | | Gray Lime |
| 3769 | 3815 | | Hrd Gray Lime |
| 3815 | 3825 | | Soft Lime |
| 3825 | 3839 | | Hrd Gray Lime |
| 3839 | 3892 | | Hrd Gray Lime |
| 3892 | 3935 | | Very Hrd Lime |
| 3935 | 4010 | | Hrd Lime |
| 4010 | 4043 | | Soft Lime Showing cavernous porosity |
| TD | 4043 | | |