DUPLICATE

FORM C-105

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JUL 27 1944
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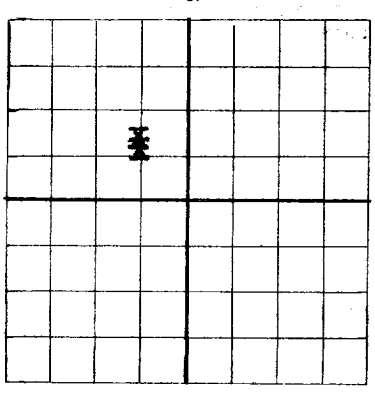

AREA 640 ACRES
LOCATE WELL CORRECTLY

# 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.

Phillips Petroleum Company (Company or Operator) Bartlesville, Oklahoma (Address)

Philmex (Lease) Well No. 3 in N/2 of Sec. 29, T. 17 S

R. 33 E, N. M. P. M., East Maljamar Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet East West of the East line of Section 29.

If State land the oil and gas lease is No. B-2229 Assignment No. ---

If patented land the owner is --, Address ---

If Government land the permittee is --, Address ---

The Lessee is Phillips Petroleum Company, Address Bartlesville, Okla.

Drilling commenced February 13 1944 Drilling was completed May 30 1944

Name of drilling contractor Marshall, Sears & Smith, Address Artesia, New Mexico

Elevation above sea level at top of casing 4071'4" feet. (ground)

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

### OIL SANDS OR ZONES

No. 1, from 4288 to 4300 TD 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. 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 |
|---|---|---|---|---|---|---|---|---|---|
| 8 5/8" OD | 32# | 8Vthd. | LW | 1214' | Howco | | | | Surface string |
| 5½" OD | 14# | 8 Rd Thd | HS | 4011.83 | Howco | | | | Oil string. |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 11" | 8 5/8" | 1225 | 550 | Halliburton | (cement circulated) | |
| 7 7/8" | 5½" | 4018.50 | 300 | 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 |
|---|---|---|---|---|---|---|
| | Tin | SNG | 180 qts. | 6-1-44 | 4160-4285 | 4300 TD |
| | | | | | | |

Results of shooting or chemical treatment Production before shot 5 bbls. oil, no water, per 24 hrs. bailing. After test 19 bbls. oil, no water, per 24 hours pumping.

### 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 1228 feet, and from --- feet to --- feet

Cable tools were used from 1228 feet to 4300 feet, and from --- feet to --- feet

### PRODUCTION

Put to producing July 24 1944

The production of the first 24 hours was 19 barrels of fluid of which 99 8/10% was oil; None % emulsion; None % water; and 2/10 % sediment. Gravity, Be 38.0

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

Rock pressure, lbs. per sq. in. --

### EMPLOYEES

S. M. Watts, Driller Robert Johnson, Driller

B. R. Allen, Driller E. E. Ray, 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 26th day of July, 19 44

(E. C. Rowland) Notary Public

My Commission expires June 1st, 1945

Odessa, Texas July 26, 1944

Name H. B. Polson

Position Chief Clerk

Representing Phillips Petroleum Company

Address Box 6666, Odessa, Texas.

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 130 | 130 | Sand and Gravel |
| 130 | 500 | 370 | Red Bed |
| 500 | 1200 | 700 | Red Rock |
| 1200 | 1445 | 245 | Anhydrite |
| 1445 | 1465 | 20 | Red rock broken |
| 1465 | 2230 | 765 | Salt |
| 2230 | 2305 | 75 | Anhydrite and salt broken |
| 2305 | 2405 | 100 | Salt |
| 2405 | 2625 | 220 | Anhydrite |
| 2625 | 2780 | 155 | Anhydrite and red rock broken |
| 2780 | 2975 | 195 | Anhydrite broken |
| 2975 | 3330 | 355 | Anhydrite |
| 3330 | 3360 | 30 | Anhydrite sandy |
| 3360 | 3570 | 210 | Broken Anhydrite |
| 3570 | 3580 | 10 | Red Sand |
| 3580 | 3660 | 80 | Anhydrite |
| 3660 | 3670 | 10 | Gray Lime |
| 3670 | 3785 | 115 | Anhydrite |
| 3785 | 3795 | 10 | Brown Lime |
| 3795 | 3875 | 80 | Anhydrite |
| 3875 | 3890 | 15 | Red Sandy lime |
| 3890 | 3900 | 10 | Brown Lime |
| 3900 | 3920 | 20 | Broken Anhydrite |
| 3920 | 3960 | 40 | Gray Lime |
| 3960 | 3970 | 10 | Bentonite |
| 3970 | 3995 | 25 | Lime |
| 3995 | 4035 | 40 | Gray Lime |
| 4035 | 4052 | 17 | Brown Lime |
| 4052 | 4100 | 48 | Gray sandy lime |
| 4100 | 4109 | 9 | Sandy - show oil. |
| 4109 | 4150 | 41 | Gray Lime |
| 4150 | 4157 | 7 | White Lime |
| 4157 | 4175 | 18 | Gray lime |
| 4175 | 4194 | 19 | Sharp sandy lime. |
| 4194 | 4213 | 19 | Gray lime |
| 4213 | 4220 | 7 | White lime |
| 4220 | 4227 | 7 | Brown lime |
| 4227 | 4237 | 10 | Gray lime |
| 4237 | 4245 | 8 | White sandy lime. |
| 4245 | 4247 | 2 | Lime - increase in oil. |
| 4247 | 4257 | 10 | Brown sandy lime. |
| 4257 | 4267 | 10 | Sandy lime. |
| 4267 | 4274 | 7 | Soft sandy lime. |
| 4274 | 4278 | 4 | Hard lime sandy |
| 4278 | 4300 | 22 | Brown sandy lime - TD. |