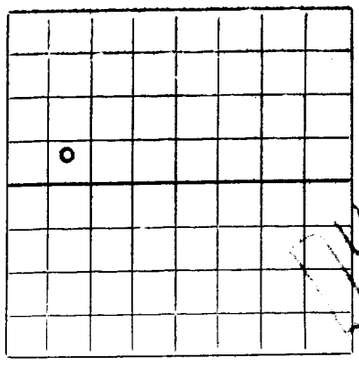



AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)
(Form C-105)

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1954 SEP 10 AM 1:27

DUPLICATE

# WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

SOUTHERN CALIFORNIA PETROLEUM CORPORATION (Company or Operator) Woolworth "B" (Lease)

Well No. 4, in SW ¼ of NW ¼, of Sec. 17, T. 25S, R. 37E, NMPM.

Jalmat & Langlie-Mattix Pool, Lea County.

Well is 1980 feet from north line and 990 feet from west line of Section 17. If State Land the Oil and Gas Lease No. is .....

Drilling Commenced 2/19, 1952. Drilling was Completed 4/6, 1952

Name of Drilling Contractor Olsen & Blount

Address Apco Tower, Oklahoma City, Oklahoma

Elevation above sea level at Top of Tubing Head 3105 The information given is to be kept confidential until --, 19.....

## OIL SANDS OR ZONES

No. 1, from 2920 to 2945 No. 4, from 3290 to 3300

No. 2, from 3045 to 3070 No. 5, from 3317 to 3325

No. 3, from 3110 to 3135 No. 6, from 3335 to 3360

## 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 | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---|---|---|---|---|---|---|---|
| 10 3/4" | 32# | new | 157' | T.P. | | | surface |
| 7" | 20# | new | 2814' | Halliburton | | | 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 |
|---|---|---|---|---|---|---|
| 13" | 10 3/4" | 157' | 100 | Halliburton | | |
| 8¼" | 7" | 2814' | 400 | " | | |
| | | | | | | |
| | | | | | | |

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

.....

.....

.....

.....

Result of Production Stimulation .....

.....

.....Depth Cleaned Out.....

## RD OF DRILL-STEM AND SPECIAL T

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 3397 T.D. feet, and from ..... feet to ..... feet.

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

### PRODUCTION

Put to Producing 4/17, 19 52

OIL WELL: The production during the first 24 hours was 61 barrels of liquid of which 100 % was was oil; - % was emulsion; - % water; and - % was sediment. A.P.I. Gravity 34

GAS WELL: The production during the first 24 hours was ..... M.C.F. plus ..... barrels of liquid Hydrocarbon. Shut in Pressure ..... lbs.

Length of Time Shut in .....

### PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico | | Northwestern New Mexico |
|---|---|---|
| T. Anhy 1060 | T. Devonian | T. Ojo Alamo |
| T. Salt 1170 | T. Silurian | T. Kirtland-Fruitland |
| B. Salt 2700 | T. Montoya | T. Farmington |
| T. Yates 2835 | T. Simpson | T. Pictured Cliffs |
| T. 7 Rivers 3070 | T. McKee | T. Menefee |
| T. Queen 3245 | T. Ellenburger | T. Point Lookout |
| T. Grayburg | T. Gr. Wash | T. Mancos |
| T. San Andres | T. Granite | T. Dakota |
| T. Glorieta | T. | T. Morrison |
| T. Drinkard | T. | T. Penn |
| T. Tubbs | T. | T. |
| T. Abo | T. | T. |
| T. Penn | T. | T. |
| T. Miss | T. | T. |

### FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|---|---|---|---|---|---|---|---|
| 0 | 1060 | 1060 | Red beds, etc. | | | | |
| 1060 | 1170 | 110 | Anhydrite | | | | |
| 1170 | 2700 | 1530 | Salt & anhydrite | | | | |
| 2700 | 2835 | 135 | Dolomite & anhydrite | | | | |
| 2835 | 3005 | 170 | Sand w/thin dolomite strks | | | | |
| 3005 | 3045 | 40 | Dolomite | | | | |
| 3045 | 3070 | 25 | Sand w/dolomite strks | | | | |
| 3070 | 3110 | 40 | Dolomite | | | | |
| 3110 | 3138 | 28 | Sand | | | | |
| 3138 | 3180 | 42 | Dolomite | | | | |
| 3180 | 3203 | 23 | Sand w/dolomite strks | | | | |
| 3203 | 3245 | 42 | Dolomite | | | | |
| 3245 | 3290 | 45 | Sand & dolomite | | | | |
| 3290 | 3300 | 10 | Sand | | | | |
| 3300 | 3318 | 18 | Dolomite | | | | |
| 3318 | 3325 | 7 | Sand | | | | |
| 3325 | 3335 | 10 | Dolomite | | | | |
| 3335 | 3360 | 25 | Sand | | | | |
| 3360 | 3397 | 37 | Dolomite w/sand strks | | | | |
| T.D. 3397 | | | | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator SOUTHERN CALIFORNIA PETROLEUM CORPORATION

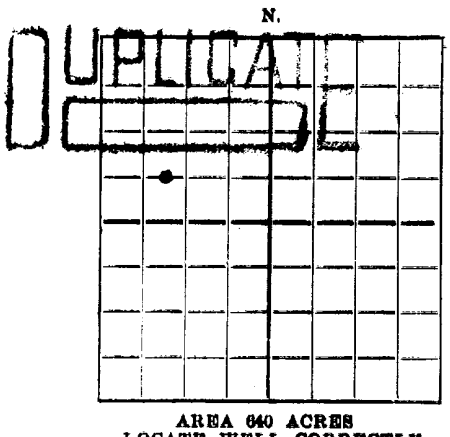
Address Box 1071, Midland, Texas

9/8/54 (Date)

Name William S Caldwell

Position or Title Division Geologist

FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

RECEIVED
OIL CONSERVATION COMMISSION
ROSWELL, NEW MEXICO

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.

Gulbertson & Irwin, Inc. (Company or Operator) Woolworth "B" (Lease)

Well No. 4 in SW¼NW¼ of Sec. 17, T. 29S

R. 37E, N. M. P. M., Lenglie-Mattix Field, Lea County.

Well is 1980 feet south of the North line and 4290 feet west of the East line of Section 17

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

If patented land the owner is May Woolworth, Address San Angelo, Texas

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced 3/19 1952. Drilling was completed 4/6 1952

Name of drilling contractor Olsen-Blount Drilling Co., Address Apco Tower Oklahoma City, Oklahoma

Elevation above sea level at top of casing 3097 feet.

The information given is to be kept confidential until not confidential 19____.

### OIL SANDS OR ZONES

No. 1, from 2920 to 2945 No. 4, from _____ to _____

No. 2, from 3045 to 3070 No. 5, from _____ to _____

No. 3, from 3110 to 3130 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 |
|---|---|---|---|---|---|---|---|---|---|
| 10 3/4 | 32 | 8 | New | 157 | T.P. | | | | Surface |
| 7 | 20 | 8 | New | 2814 | Halliburton Float | | | | 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 |
|---|---|---|---|---|---|---|
| 13" | 10 3/4 | 157 | 100 | Halliburton | | |
| 8¼" | 7 | 2814 | 400* | " | | |
| | | | | *200 sax around shoe; | | |
| | | | | 200 sax thru 2-stage tool @ 1147 | | |

### 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 T.D. feet, and from _____ feet to _____ feet.

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

### PRODUCTION

Put to producing April 7, 1952

The production of the first 24 hours was 61 barrels of fluid of which 100 % was oil; - %

emulsion; - % water; and - % sediment. Gravity, Be 37

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

Rock pressure, lbs. per sq. in. _____

### CONTRACTOR'S EMPLOYEES

W. A. Jones, Driller R. M. Kelley, Driller

Ladell Ellis, 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.

Midland, Texas (Place) 4/10/52 (Date)

Name W. A. Gulbertson

Position Vice-President

Representing Gulbertson & Irwin, Inc. (Company or Operator)

Address Box 2071, Midland, Texas

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 40 | 40 | Sand & caliche |
| 40 | 100 | 60 | Red & grey shale |
| 100 | 170 | 70 | Red shale |
| 170 | 1060 | 890 | Red & grey shale and grey sand |
| 1060 | 1170 | 110 | Red rock |
| 1170 | 1570 | 400 | Anhydrite |
| 1570 | 1770 | 200 | Salt |
| 1770 | 1920 | 150 | Salt & anhydrite |
| 1920 | 2120 | 200 | Salt |
| 2120 | 2420 | 300 | Salt & anhydrite |
| 2420 | 2770 | 350 | Salt |
| 2770 | 2780 | 10 | Anhydrite |
| 2780 | 2840 | 60 | Lime & anhydrite |
| 2840 | 2900 | 60 | Lime, sand & shale |
| 2900 | 2970 | 70 | Sand & shale |
| 2970 | 3060 | 90 | Lime, sand & shale |
| 3060 | 3160 | 100 | Lime and shale |
| 3160 | 3210 | 50 | Sand & shale |
| 3210 | 3270 | 60 | Lime |
| 3270 | 3310 | 40 | Sand & shale |
| 3310 | 3360 | 50 | Lime |
| 3360 | 3397 | 37 | Lime & sand |
| 3397 | | | Lime |

T.D. 3397