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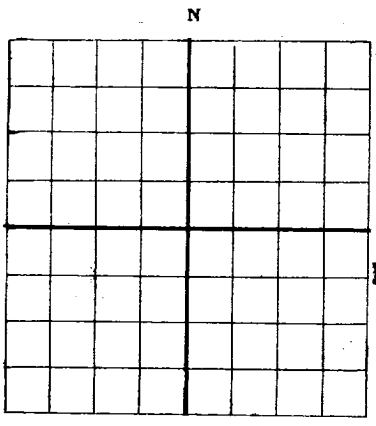
FORM C-105

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico




AREA 640 ACRES
LOCATE WELL CORRECTLY

## WELL RECORD

NE¼NW¼ Section 36-17-29

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.

Graybarg Oil Company of N.M. (Company or Operator) Box 416, Loco Hills, New Mexico (Address)

State (Lease) Well No. 2 in NE¼NW¼ of Sec. 36, T. 17

R. 29, N. M. P. M., Loco Hills Field, Eddy County.

Well is 660 feet south of the North line and 1980 feet w[illegible] the E[illegible]ne of Section 36.

If State land the oil and gas lease is No. B-4458 Assignment No. 15

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Graybarg Oil Company of New Mexico, Address Loco Hills, New Mexico

Drilling commenced June 6 19[illegible] Drilling was completed July 18 19[illegible]

Name of drilling contractor Company, Address [illegible]

Elevation above sea level at top of casing 3575 feet.

The information given is to be kept confidential until [illegible] 19____.

### OIL SANDS OR ZONES

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

No. 2, from 3245 to 3290 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 360 to _____ feet. _____

No. 3, from 3263- to 3270 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 3/8 | 24 | | | 490 ft., 50 sax cement | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 8 3/8" | | 490 ft. | 50 | Halliburton | | Unknown |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

Cable tools were used from 0 feet to 3473 feet, and from _____ feet to _____ feet

### PRODUCTION

Put to producing _____, 19____

The production of the first 24 hours was P + A barrels of fluid of which _____% 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

H. H. McDonald, Driller A. L. Way, Driller

Max Stephens, 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.

Loco Hills, New Mexico July 27, 1945

R. J. Heard
Name Vice President

Subscribed and sworn to before me this 27th day of July, 1945

[illegible]

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 150 | | Red bed |
| 150 | 185 | | Anhydrite and red bed breaks |
| 185 | 195 | | Red sand |
| 195 | 245 | | Red bed |
| 245 | 250 | | Anhydrite Gravel |
| 250 | 320 | | Anhydrite |
| 320 | 325 | | Red bed |
| 325 | 335 | | Water sand |
| 335 | 400 | | Anhydrite and red bed breaks |
| 400 | 460 | | Red bed and shale |
| 460 | 905 | | Salt, Grey Salt |
| 905 | 1005 | | Anhydrite and Red shale |
| 1005 | 1080 | | Anhydrite |
| 1080 | 1190 | | Broken anhydrite and red shale |
| 1190 | 1275 | | Anhydrite |
| 1275 | 1315 | | Anhydrite and shale |
| 1315 | 1430 | | Anhydrite and red shale |
| 1430 | 1825 | | Anhydrite |
| 1825 | 1900 | | Broken anhydrite and red shale |
| 1900 | 1930 | | Anhydrite |
| 1930 | 2085 | | Anhydrite and shale |
| 2085 | 2095 | | Red shale |
| 2095 | 2120 | | Redsand |
| 2120 | 2255 | | Anhydrite |
| 2255 | 2270 | | Grey Lime |
| 2270 | 2300 | | Lime and shale |
| 2300 | 2335 | | Anhydrite and shale |
| 2335 | 2355 | | Grey lime |
| 2355 | 2360 | | Red shale |
| 2360 | 2445 | | Anhydrite and shale |
| 2445 | 2506 | | Lime and red shale |
| 2506 | 2523 | | Brown lime |
| 2523 | 2781 | | Grey Lime |
| 2781 | 2792 | | Brown lime |
| 2792 | 2810 | | Pink lime |
| 2810 | 2825 | | Grey lime |
| 2825 | 2840 | | Pink lime |
| 2840 | 2855 | | Grey lime |
| 2855 | 2880 | | White Lime |
| 2880 | 2937 | | Pink lime |
| 2937 | 2982 | | Grey Lime |
| 2982 | 3047 | | White lime, Salt water at 3260 |
| 3047 | 3273 | | Grey Lime |
| 3273 | | | TOTAL DEPTH |

DUPLICATE

FORM C-105

RECD JUL 31 1945

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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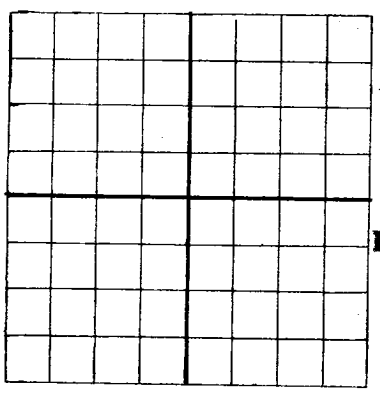

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The Lessee is Grayburg Oil Company of New Mexico, Address Loco Hills, New Mexico

Drilling commenced June 6 1945 Drilling was completed July 18 1945

Name of drilling contractor Company, Address _____

Elevation above sea level at top of casing 3575 feet.

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### 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 360 to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from 3269- to 3270 feet. _____

### CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| 8 3/8 | 24 | | | 490 ft., 50 sax cement | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### MUDDING AND CEMENTING RECORD

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

### PLUGS AND ADAPTERS

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Adapters—Material _____ Size _____

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Cable tools were used from 0 feet to 3273 feet, and from _____ feet to _____ feet

### PRODUCTION

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Loco Hills, New Mexico (Place) July 27, 1945 (Date)

R. J. Heard

Name Vice President

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