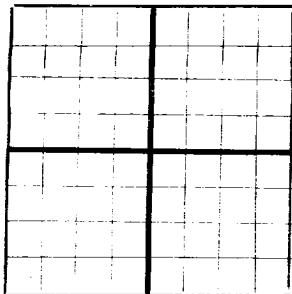


N.

SANTA FE, NEW MEXICO

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## DEPARTMENT OF THE STATE GEOLOGIST

## WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days

after completion of well. Indicate questionable data by fol-

lowing it with (?). Submit in duplicate.

Company Galt-Brown Oil Company, Tulsa, Oklahoma  
Penn Oil Company, Dallas, TexasSend correspondence to Penn Oil Company Address Dallas, TexasState                      Well No. 1 in                      of Sec. 9, T. 15-SouthR. 35-East, N. M. P. M.,                      Oil Field Lea County                      County.If State land the oil and gas lease is No.                      Assignment No.                     If patented land the owner is                     , Address                     The lessee is                     , Address                     If not state or patented land, give status                     Drilling commenced Sept. 6, 1930 19                      Drilling was completed Jan. 7, 1931 19                     Name of drilling contractor Penn Oil Company, Address Dallas, TexasElevation above sea level at top of casing 4019 feet.The information given is to be kept confidential until Can be made public at any time

## OIL SANDS OR ZONES

No. 1, from                      to                      No. 4, from                      to                     No. 2, from                      to                      No. 5, from                      to                     No. 3, from                      to                      No. 6, from                      to                     

## IMPORTANT WATER SANDS

No. 1, from @ 55' to                      No. 3, from 714 to 774No. 2, from 640 to 650 No. 4, from                      to                     

## CASING RECORD

| SIZE    | WEIGHT<br>PER FOOT | THREADS<br>PER INCH | MAKE | AMOUNT | KIND OF<br>SHOE | CUT AND PULLED<br>FROM | PERFORATED |    | PURPOSE |
|---------|--------------------|---------------------|------|--------|-----------------|------------------------|------------|----|---------|
|         |                    |                     |      |        |                 |                        | FROM       | TO |         |
| 20"     |                    |                     |      | 230'   |                 | 150'                   |            |    |         |
| 15 1/2" |                    |                     |      | 794'   |                 | 694'                   |            |    |         |
| 12 1/2" |                    |                     |      | 1372'  |                 | 872'                   |            |    |         |
| 10"     |                    |                     |      | 1978   |                 |                        |            |    |         |
| 8 1/4"  |                    |                     |      | 3512   |                 |                        |            |    |         |

## MUDDING AND CEMENTING RECORD

| SIZE | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|------|-----------|---------------------|--------------|-------------|--------------------|
|------|-----------|---------------------|--------------|-------------|--------------------|

Filled with heavy mud laden fluid to 3525 and there put in one 4ft wooden plug and ten sacks of cement ( at 3525'). Filled with mud to 1985 and put in one four ft wooden plug and ten sacks of cement (at 1985'). Filled with mud to 1385 and put in one 4ft wooden plug and 10 sacks of cement (@1385'). Filled with mud to 805' and put in 5' wooden plug and ten sacks of cement (@805'). Filled with mud to 240' and ~~PLUGS AND ADAPTERS~~ plug and ten sacks of cement and then filled with mud to top of hole.

Heaving plug—Material                      Length                      Depth Set                     Adapters—Material                      Size                     

## SHOOTING RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|------|------------|----------------|----------|------|------------|-------------------|
|------|------------|----------------|----------|------|------------|-------------------|

## TOOLS USED

Rotary tools were used from                      feet to                      feet, and from                      feet to                      feetCable tools were used from top to bottom                      feet, and from                      feet to                      feet

## PRODUCTION

Put to producing                     , 19                     The production of the first 24 hours was                      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                     

## EMPLOYES

E. H. Freeman, Driller A. J. Sloan, Driller                    , 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 2ndday of April, 19 31L. E. Eaves

Notary Public

My commission expires May 31, 1931Name G. A. BlackPosition SuperintendentRepresenting Penn Oil Company

Company or Operator

## FORMATION RECORD

| From | To   | In Feet | Formation          |
|------|------|---------|--------------------|
| 0-25 | 30   |         | white lime         |
| 30   | 35   |         | red sand           |
| 35   | 40   |         | red sand, water    |
| 40   | 45   |         | quick sand         |
| 45   | 50   |         | red rock and shale |
| 50   | 55   |         | red rock           |
| 55   | 60   |         | red sand           |
| 60   | 65   |         | red rock           |
| 65   | 70   |         | red sand           |
| 70   | 75   |         | red rock           |
| 75   | 80   |         | red sand           |
| 80   | 85   |         | red rock           |
| 85   | 90   |         | red sand           |
| 90   | 95   |         | red rock           |
| 95   | 100  |         | red sand           |
| 100  | 105  |         | red rock           |
| 105  | 110  |         | red sand           |
| 110  | 115  |         | red rock           |
| 115  | 120  |         | red sand           |
| 120  | 125  |         | red rock           |
| 125  | 130  |         | red sand           |
| 130  | 135  |         | red rock           |
| 135  | 140  |         | red sand           |
| 140  | 145  |         | red rock           |
| 145  | 150  |         | red sand           |
| 150  | 155  |         | red rock           |
| 155  | 160  |         | red sand           |
| 160  | 165  |         | red rock           |
| 165  | 170  |         | red sand           |
| 170  | 175  |         | red rock           |
| 175  | 180  |         | red sand           |
| 180  | 185  |         | red rock           |
| 185  | 190  |         | red sand           |
| 190  | 195  |         | red rock           |
| 195  | 200  |         | red sand           |
| 200  | 205  |         | red rock           |
| 205  | 210  |         | red sand           |
| 210  | 215  |         | red rock           |
| 215  | 220  |         | red sand           |
| 220  | 225  |         | red rock           |
| 225  | 230  |         | red sand           |
| 230  | 235  |         | red rock           |
| 235  | 240  |         | red sand           |
| 240  | 245  |         | red rock           |
| 245  | 250  |         | red sand           |
| 250  | 255  |         | red rock           |
| 255  | 260  |         | red sand           |
| 260  | 265  |         | red rock           |
| 265  | 270  |         | red sand           |
| 270  | 275  |         | red rock           |
| 275  | 280  |         | red sand           |
| 280  | 285  |         | red rock           |
| 285  | 290  |         | red sand           |
| 290  | 295  |         | red rock           |
| 295  | 300  |         | red sand           |
| 300  | 305  |         | red rock           |
| 305  | 310  |         | red sand           |
| 310  | 315  |         | red rock           |
| 315  | 320  |         | red sand           |
| 320  | 325  |         | red rock           |
| 325  | 330  |         | red sand           |
| 330  | 335  |         | red rock           |
| 335  | 340  |         | red sand           |
| 340  | 345  |         | red rock           |
| 345  | 350  |         | red sand           |
| 350  | 355  |         | red rock           |
| 355  | 360  |         | red sand           |
| 360  | 365  |         | red rock           |
| 365  | 370  |         | red sand           |
| 370  | 375  |         | red rock           |
| 375  | 380  |         | red sand           |
| 380  | 385  |         | red rock           |
| 385  | 390  |         | red sand           |
| 390  | 395  |         | red rock           |
| 395  | 400  |         | red sand           |
| 400  | 405  |         | red rock           |
| 405  | 410  |         | red sand           |
| 410  | 415  |         | red rock           |
| 415  | 420  |         | red sand           |
| 420  | 425  |         | red rock           |
| 425  | 430  |         | red sand           |
| 430  | 435  |         | red rock           |
| 435  | 440  |         | red sand           |
| 440  | 445  |         | red rock           |
| 445  | 450  |         | red sand           |
| 450  | 455  |         | red rock           |
| 455  | 460  |         | red sand           |
| 460  | 465  |         | red rock           |
| 465  | 470  |         | red sand           |
| 470  | 475  |         | red rock           |
| 475  | 480  |         | red sand           |
| 480  | 485  |         | red rock           |
| 485  | 490  |         | red sand           |
| 490  | 495  |         | red rock           |
| 495  | 500  |         | red sand           |
| 500  | 505  |         | red rock           |
| 505  | 510  |         | red sand           |
| 510  | 515  |         | red rock           |
| 515  | 520  |         | red sand           |
| 520  | 525  |         | red rock           |
| 525  | 530  |         | red sand           |
| 530  | 535  |         | red rock           |
| 535  | 540  |         | red sand           |
| 540  | 545  |         | red rock           |
| 545  | 550  |         | red sand           |
| 550  | 555  |         | red rock           |
| 555  | 560  |         | red sand           |
| 560  | 565  |         | red rock           |
| 565  | 570  |         | red sand           |
| 570  | 575  |         | red rock           |
| 575  | 580  |         | red sand           |
| 580  | 585  |         | red rock           |
| 585  | 590  |         | red sand           |
| 590  | 595  |         | red rock           |
| 595  | 600  |         | red sand           |
| 600  | 605  |         | red rock           |
| 605  | 610  |         | red sand           |
| 610  | 615  |         | red rock           |
| 615  | 620  |         | red sand           |
| 620  | 625  |         | red rock           |
| 625  | 630  |         | red sand           |
| 630  | 635  |         | red rock           |
| 635  | 640  |         | red sand           |
| 640  | 645  |         | red rock           |
| 645  | 650  |         | red sand           |
| 650  | 655  |         | red rock           |
| 655  | 660  |         | red sand           |
| 660  | 665  |         | red rock           |
| 665  | 670  |         | red sand           |
| 670  | 675  |         | red rock           |
| 675  | 680  |         | red sand           |
| 680  | 685  |         | red rock           |
| 685  | 690  |         | red sand           |
| 690  | 695  |         | red rock           |
| 695  | 700  |         | red sand           |
| 700  | 705  |         | red rock           |
| 705  | 710  |         | red sand           |
| 710  | 715  |         | red rock           |
| 715  | 720  |         | red sand           |
| 720  | 725  |         | red rock           |
| 725  | 730  |         | red sand           |
| 730  | 735  |         | red rock           |
| 735  | 740  |         | red sand           |
| 740  | 745  |         | red rock           |
| 745  | 750  |         | red sand           |
| 750  | 755  |         | red rock           |
| 755  | 760  |         | red sand           |
| 760  | 765  |         | red rock           |
| 765  | 770  |         | red sand           |
| 770  | 775  |         | red rock           |
| 775  | 780  |         | red sand           |
| 780  | 785  |         | red rock           |
| 785  | 790  |         | red sand           |
| 790  | 795  |         | red rock           |
| 795  | 800  |         | red sand           |
| 800  | 805  |         | red rock           |
| 805  | 810  |         | red sand           |
| 810  | 815  |         | red rock           |
| 815  | 820  |         | red sand           |
| 820  | 825  |         | red rock           |
| 825  | 830  |         | red sand           |
| 830  | 835  |         | red rock           |
| 835  | 840  |         | red sand           |
| 840  | 845  |         | red rock           |
| 845  | 850  |         | red sand           |
| 850  | 855  |         | red rock           |
| 855  | 860  |         | red sand           |
| 860  | 865  |         | red rock           |
| 865  | 870  |         | red sand           |
| 870  | 875  |         | red rock           |
| 875  | 880  |         | red sand           |
| 880  | 885  |         | red rock           |
| 885  | 890  |         | red sand           |
| 890  | 895  |         | red rock           |
| 895  | 900  |         | red sand           |
| 900  | 905  |         | red rock           |
| 905  | 910  |         | red sand           |
| 910  | 915  |         | red rock           |
| 915  | 920  |         | red sand           |
| 920  | 925  |         | red rock           |
| 925  | 930  |         | red sand           |
| 930  | 935  |         | red rock           |
| 935  | 940  |         | red sand           |
| 940  | 945  |         | red rock           |
| 945  | 950  |         | red sand           |
| 950  | 955  |         | red rock           |
| 955  | 960  |         | red sand           |
| 960  | 965  |         | red rock           |
| 965  | 970  |         | red sand           |
| 970  | 975  |         | red rock           |
| 975  | 980  |         | red sand           |
| 980  | 985  |         | red rock           |
| 985  | 990  |         | red sand           |
| 990  | 995  |         | red rock           |
| 995  | 1000 |         | red sand           |