

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
FEB 8 1930

## LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company J.I. HARVEY Clyde B. Harvey Address 439 CAMINO DEL MONTE SOL  
Lessor or Tract \_\_\_\_\_ Field WILDCAT State NEW MEXICO  
Well No. 1 Sec. 33 T. 18N R. 3W Meridian N M P M County SANDOVAL  
Location 1650 ft. { N of N Line and 990 ft. { E of E Line of S. 33 Elevation 6603.6  
(Depth from relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. I. HARVEY *J. I. Harvey*  
Date OCTOBER 15, 1952 Title OPERATOR

The summary on this page is for the condition of the well at above date.

Commenced drilling OCTOBER 14....., 1959      Finished drilling OCTOBER 15....., 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 313 to 323 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 \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make   | Amount | Kind of shoe | Cut and pulled from         | Perforated |     | Purpose |
|-------------|-----------------|------------------|--------|--------|--------------|-----------------------------|------------|-----|---------|
|             |                 |                  |        |        |              |                             | From—      | To— |         |
| 0-5/8" 24   | 24              | 8                | Tablet | 30'    | TEXAS        | HISTORIA OF OIL OF CYS MEIT |            |     | SURFACE |

## MUDDING AND CEMENTING RECORD

[illegible]

## PLUGS AND ADAPTERS

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 \_\_\_\_\_ feet.

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

## DATES

----- OCTOBER 14 -----, 19 59 Put to producing ----- OCTOBER 15 -----, 19 59

The production for the first 24 hours was 10 barrels of fluid of which 50 % was oil; 50 % emulsion;      % water; and      % sediment. Gravity, °Bé. 35

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

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

## EMPLOYEES

| C.C.SMITH DRILLING CO |         | EMPLOYEES     |         |
|-----------------------|---------|---------------|---------|
| Jake Warren           | Driller | Alex Gonzales | Driller |
| David Jones           | Driller |               | Driller |

## FORMATION RECORD

| FROM—   | TO—     | TOTAL FEET | FORMATION                    |
|---------|---------|------------|------------------------------|
| 0 - 20  | SURFACE |            |                              |
| 20 - 30 | 30      | 10         | Gray Shale                   |
| 30      | 35      | 5          | Brown Shale                  |
| 35      | 40      | 5          | Gray Shale                   |
| 40      | 60      | 20         | Gray Black Shale             |
| 60      | 75      | 15         | Gray Shale                   |
| 75      | 80      | 5          | Gray Shale Sandstone         |
| 80      | 90      | 10         | Gray Black Shale             |
| 90      | 108     | 18         | Blue Gray Shale              |
| 108     | 115     | 7          | Gray Sandy Shale             |
| 115     | 125     | 10         | Dark Shale                   |
| 125     | 130     | 5          | Brown Shale                  |
| 130     | 135     | 5          | Brown Sandy Shale            |
| 135     | 140     | 5          | Gray Shale                   |
| 140     | 145     | 5          | Dark Shale                   |
| 145     | 155     | 10         | Brown Shale                  |
| 155     | 165     | 10         | Gray Shale                   |
| 165     | 175     | 10         | Gray Sandy Shale             |
| 175     | 185     | 10         | Gray Shale Sandstone streaks |
| 185     | 200     | 15         | Dark Shale                   |

| FORMATION RECORD |      |            |                   |
|------------------|------|------------|-------------------|
| FROM-            | TO-  | TOTAL FEET | FORMATION         |
| 200              | 205  | 5          | Grey shale        |
| 205              | 230  | 25         | Black grey shale  |
| 230              | 250  | 20         | Dark shale        |
| 250              | 255  | 5          | Grey sandy shale  |
| 255              | 270  | 15         | Grey shale        |
| 270              | 275  | 5          | Dark shale, oil   |
| 275              | 280  | 5          | Grey sandy shale  |
| 280              | 290  | 10         | Grey shale        |
| 290              | 310  | 20         | Grey shale        |
| 310              | 315  | 5          | Sandy grey shale  |
| 315              | 325  | 10         | Grey shale        |
| 325              | 330  | 5          | Oil sand          |
| 330              | 350  | 20         | Coarse brown sand |
| 350              | 355  | 5          | Coarse brown sand |
| 355              | 360  | 5          | Coarse brown sand |
| 360              | 365  | 5          | Coarse brown sand |
| 365              | 370  | 5          | Coarse brown sand |
| 370              | 375  | 5          | Coarse brown sand |
| 375              | 380  | 5          | Coarse brown sand |
| 380              | 385  | 5          | Coarse brown sand |
| 385              | 390  | 5          | Coarse brown sand |
| 390              | 395  | 5          | Coarse brown sand |
| 395              | 400  | 5          | Coarse brown sand |
| 400              | 405  | 5          | Coarse brown sand |
| 405              | 410  | 5          | Coarse brown sand |
| 410              | 415  | 5          | Coarse brown sand |
| 415              | 420  | 5          | Coarse brown sand |
| 420              | 425  | 5          | Coarse brown sand |
| 425              | 430  | 5          | Coarse brown sand |
| 430              | 435  | 5          | Coarse brown sand |
| 435              | 440  | 5          | Coarse brown sand |
| 440              | 445  | 5          | Coarse brown sand |
| 445              | 450  | 5          | Coarse brown sand |
| 450              | 455  | 5          | Coarse brown sand |
| 455              | 460  | 5          | Coarse brown sand |
| 460              | 465  | 5          | Coarse brown sand |
| 465              | 470  | 5          | Coarse brown sand |
| 470              | 475  | 5          | Coarse brown sand |
| 475              | 480  | 5          | Coarse brown sand |
| 480              | 485  | 5          | Coarse brown sand |
| 485              | 490  | 5          | Coarse brown sand |
| 490              | 495  | 5          | Coarse brown sand |
| 495              | 500  | 5          | Coarse brown sand |
| 500              | 505  | 5          | Coarse brown sand |
| 505              | 510  | 5          | Coarse brown sand |
| 510              | 515  | 5          | Coarse brown sand |
| 515              | 520  | 5          | Coarse brown sand |
| 520              | 525  | 5          | Coarse brown sand |
| 525              | 530  | 5          | Coarse brown sand |
| 530              | 535  | 5          | Coarse brown sand |
| 535              | 540  | 5          | Coarse brown sand |
| 540              | 545  | 5          | Coarse brown sand |
| 545              | 550  | 5          | Coarse brown sand |
| 550              | 555  | 5          | Coarse brown sand |
| 555              | 560  | 5          | Coarse brown sand |
| 560              | 565  | 5          | Coarse brown sand |
| 565              | 570  | 5          | Coarse brown sand |
| 570              | 575  | 5          | Coarse brown sand |
| 575              | 580  | 5          | Coarse brown sand |
| 580              | 585  | 5          | Coarse brown sand |
| 585              | 590  | 5          | Coarse brown sand |
| 590              | 595  | 5          | Coarse brown sand |
| 595              | 600  | 5          | Coarse brown sand |
| 600              | 605  | 5          | Coarse brown sand |
| 605              | 610  | 5          | Coarse brown sand |
| 610              | 615  | 5          | Coarse brown sand |
| 615              | 620  | 5          | Coarse brown sand |
| 620              | 625  | 5          | Coarse brown sand |
| 625              | 630  | 5          | Coarse brown sand |
| 630              | 635  | 5          | Coarse brown sand |
| 635              | 640  | 5          | Coarse brown sand |
| 640              | 645  | 5          | Coarse brown sand |
| 645              | 650  | 5          | Coarse brown sand |
| 650              | 655  | 5          | Coarse brown sand |
| 655              | 660  | 5          | Coarse brown sand |
| 660              | 665  | 5          | Coarse brown sand |
| 665              | 670  | 5          | Coarse brown sand |
| 670              | 675  | 5          | Coarse brown sand |
| 675              | 680  | 5          | Coarse brown sand |
| 680              | 685  | 5          | Coarse brown sand |
| 685              | 690  | 5          | Coarse brown sand |
| 690              | 695  | 5          | Coarse brown sand |
| 695              | 700  | 5          | Coarse brown sand |
| 700              | 705  | 5          | Coarse brown sand |
| 705              | 710  | 5          | Coarse brown sand |
| 710              | 715  | 5          | Coarse brown sand |
| 715              | 720  | 5          | Coarse brown sand |
| 720              | 725  | 5          | Coarse brown sand |
| 725              | 730  | 5          | Coarse brown sand |
| 730              | 735  | 5          | Coarse brown sand |
| 735              | 740  | 5          | Coarse brown sand |
| 740              | 745  | 5          | Coarse brown sand |
| 745              | 750  | 5          | Coarse brown sand |
| 750              | 755  | 5          | Coarse brown sand |
| 755              | 760  | 5          | Coarse brown sand |
| 760              | 765  | 5          | Coarse brown sand |
| 765              | 770  | 5          | Coarse brown sand |
| 770              | 775  | 5          | Coarse brown sand |
| 775              | 780  | 5          | Coarse brown sand |
| 780              | 785  | 5          | Coarse brown sand |
| 785              | 790  | 5          | Coarse brown sand |
| 790              | 795  | 5          | Coarse brown sand |
| 795              | 800  | 5          | Coarse brown sand |
| 800              | 805  | 5          | Coarse brown sand |
| 805              | 810  | 5          | Coarse brown sand |
| 810              | 815  | 5          | Coarse brown sand |
| 815              | 820  | 5          | Coarse brown sand |
| 820              | 825  | 5          | Coarse brown sand |
| 825              | 830  | 5          | Coarse brown sand |
| 830              | 835  | 5          | Coarse brown sand |
| 835              | 840  | 5          | Coarse brown sand |
| 840              | 845  | 5          | Coarse brown sand |
| 845              | 850  | 5          | Coarse brown sand |
| 850              | 855  | 5          | Coarse brown sand |
| 855              | 860  | 5          | Coarse brown sand |
| 860              | 865  | 5          | Coarse brown sand |
| 865              | 870  | 5          | Coarse brown sand |
| 870              | 875  | 5          | Coarse brown sand |
| 875              | 880  | 5          | Coarse brown sand |
| 880              | 885  | 5          | Coarse brown sand |
| 885              | 890  | 5          | Coarse brown sand |
| 890              | 895  | 5          | Coarse brown sand |
| 895              | 900  | 5          | Coarse brown sand |
| 900              | 905  | 5          | Coarse brown sand |
| 905              | 910  | 5          | Coarse brown sand |
| 910              | 915  | 5          | Coarse brown sand |
| 915              | 920  | 5          | Coarse brown sand |
| 920              | 925  | 5          | Coarse brown sand |
| 925              | 930  | 5          | Coarse brown sand |
| 930              | 935  | 5          | Coarse brown sand |
| 935              | 940  | 5          | Coarse brown sand |
| 940              | 945  | 5          | Coarse brown sand |
| 945              | 950  | 5          | Coarse brown sand |
| 950              | 955  | 5          | Coarse brown sand |
| 955              | 960  | 5          | Coarse brown sand |
| 960              | 965  | 5          | Coarse brown sand |
| 965              | 970  | 5          | Coarse brown sand |
| 970              | 975  | 5          | Coarse brown sand |
| 975              | 980  | 5          | Coarse brown sand |
| 980              | 985  | 5          | Coarse brown sand |
| 985              | 990  | 5          | Coarse brown sand |
| 990              | 995  | 5          | Coarse brown sand |
| 995              | 1000 | 5          | Coarse brown sand |