

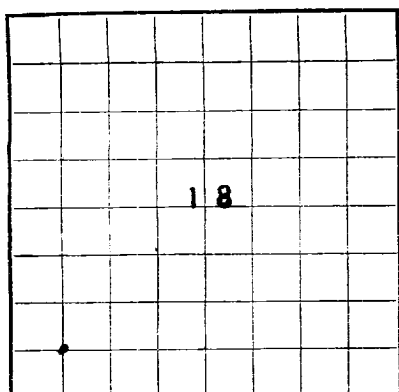
Las Cruces

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

030132-B



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company CITIES SERVICE OIL CO. Address Box 97, Hobbs, New Mexico  
Lessor or Tract Closson B Field Jalmat Oil State New Mexico  
Well No. 16 Sec. 18 T. 22S R. 36E Meridian N.M.P.M. County Lea  
Location 660 ft. N. of S Line and 660 ft. E. of W Line of Section 18 Elevation 3592  
(Derrick floor 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 [Signature] Title District Superintendent  
Date April 6, 1960

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

Commenced drilling 4-13, 1960 Finished drilling 4-22, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3529' to 3826' 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. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, 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— |            |
| 8-5/8"      | 24.4            | 8                | J-55 | 1600'  | Baker        | Surface             |            |     | Surface    |
| 5-1/2"      | 15.5            | 8                | J-55 | 1683'  | Baker        | 3529'               | 3810'      |     | Production |
| 2-3/8"      | 4.7             | 8                | J-55 | 3692'  | Baker        | 3810'               |            |     | Testing    |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8"      | 1610'     | 900                    | Plug        |             |                    |
| 5-1/2"      | 3871'     | 600                    | Plug        |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
| None |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0' feet to 3872' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

May 5, 1960 Put to producing May 3, 1960

The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 28.3

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

J. D. Snelling, Driller H. P. Mason, Driller  
B. G. Speed, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—     | TO—   | TOTAL FEET | FORMATION              |
|-----------|-------|------------|------------------------|
| 0         | 71    | 71         | Surface Sand           |
| 71        | 766   | 695        | Red Bed & Surface Rock |
| 766       | 951   | 185        | Anhy. & Shale          |
| 951       | 1540  | 589        | Red Bed & Shale        |
| 1540      | 3379  | 1839       | Salt & Anhy.           |
| 3379      | 3872  | 493        | Lime, Anhy. & Gypsum   |
|           |       |            | 3872' - T.D.           |
|           |       |            | 3867' - P.B.T.D.       |
|           |       |            | Formation Tops         |
| Anhydrite | 1592' | (+2000)    |                        |
| Base Salt | 3379' | (+ 213)    |                        |
| Yates     | 3529' | (+ 63)     |                        |
| 7-Rivers  | 3826' | (- 234)    |                        |

(OVER)

FORMATION RECORD—CONTINUED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY.

[illegible]

...on this page is for the condition of the well as above said.

(Signature) \_\_\_\_\_

REVIEW OF SOME OF THE

| Description of work |     | Date |     |
|---------------------|-----|------|-----|
| 1                   | ... | ...  | ... |
| 2                   | ... | ...  | ... |
| 3                   | ... | ...  | ... |

IMPORTANT WATER SINKS

|            |            |
|------------|------------|
| No. 1 from | No. 2 from |
| No. 3 from | No. 4 from |

CALLING RECORD

| Page No. | Date     | Particulars | Amount | Total | Balance | Signature |
|----------|----------|-------------|--------|-------|---------|-----------|
| 1        | 10/10/20 | By Cash     | 1000   |       |         |           |
| 2        | 10/10/20 | To Cash     | 1000   |       |         |           |
| 3        | 10/10/20 | By Cash     | 1000   |       |         |           |
| 4        | 10/10/20 | To Cash     | 1000   |       |         |           |
| 5        | 10/10/20 | By Cash     | 1000   |       |         |           |
| 6        | 10/10/20 | To Cash     | 1000   |       |         |           |
| 7        | 10/10/20 | By Cash     | 1000   |       |         |           |
| 8        | 10/10/20 | To Cash     | 1000   |       |         |           |
| 9        | 10/10/20 | By Cash     | 1000   |       |         |           |
| 10       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 11       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 12       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 13       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 14       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 15       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 16       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 17       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 18       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 19       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 20       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 21       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 22       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 23       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 24       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 25       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 26       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 27       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 28       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 29       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 30       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 31       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 32       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 33       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 34       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 35       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 36       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 37       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 38       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 39       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 40       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 41       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 42       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 43       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 44       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 45       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 46       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 47       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 48       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 49       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 50       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 51       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 52       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 53       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 54       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 55       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 56       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 57       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 58       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 59       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 60       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 61       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 62       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 63       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 64       | 10/10/20 | To Cash     | 1000   |       |         |           |
| 65       | 10/10/20 | By Cash     | 1000   |       |         |           |
| 66       | 10/10/20 | To Cash     |        |       |         |           |

with the reasons for the work and its results. It there were any changes made in the casing, state fully, and if any casing was "backpacked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If piles or bridges were put in to rest for water, state kind of material used, position, and results of pumping or pulling of piles. If piles or bridges were put in to rest for water, state kind of material used, position, and results of pumping or pulling of piles.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48094-2

| FROM-   | TO-     | TOTAL FEET | FORMATION |
|---------|---------|------------|-----------|
| 0-10    | 10-20   | 10         | SANDSTONE |
| 10-20   | 20-30   | 10         | SANDSTONE |
| 20-30   | 30-40   | 10         | SANDSTONE |
| 30-40   | 40-50   | 10         | SANDSTONE |
| 40-50   | 50-60   | 10         | SANDSTONE |
| 50-60   | 60-70   | 10         | SANDSTONE |
| 60-70   | 70-80   | 10         | SANDSTONE |
| 70-80   | 80-90   | 10         | SANDSTONE |
| 80-90   | 90-100  | 10         | SANDSTONE |
| 90-100  | 100-110 | 10         | SANDSTONE |
| 100-110 | 110-120 | 10         | SANDSTONE |
| 110-120 | 120-130 | 10         | SANDSTONE |
| 120-130 | 130-140 | 10         | SANDSTONE |
| 130-140 | 140-150 | 10         | SANDSTONE |
| 140-150 | 150-160 | 10         | SANDSTONE |
| 150-160 | 160-170 | 10         | SANDSTONE |
| 160-170 | 170-180 | 10         | SANDSTONE |
| 170-180 | 180-190 | 10         | SANDSTONE |
| 180-190 | 190-200 | 10         | SANDSTONE |
| 190-200 | 200-210 | 10         | SANDSTONE |
| 200-210 | 210-220 | 10         | SANDSTONE |
| 210-220 | 220-230 | 10         | SANDSTONE |
| 220-230 | 230-240 | 10         | SANDSTONE |
| 230-240 | 240-250 | 10         | SANDSTONE |
| 240-250 | 250-260 | 10         | SANDSTONE |
| 250-260 | 260-270 | 10         | SANDSTONE |
| 260-270 | 270-280 | 10         | SANDSTONE |
| 270-280 | 280-290 | 10         | SANDSTONE |
| 280-290 | 290-300 | 10         | SANDSTONE |
| 290-300 | 300-310 | 10         | SANDSTONE |
| 300-310 | 310-320 | 10         | SANDSTONE |
| 310-320 | 320-330 | 10         | SANDSTONE |
| 320-330 | 330-340 | 10         | SANDSTONE |
| 330-340 | 340-350 | 10         | SANDSTONE |
| 340-350 | 350-360 | 10         | SANDSTONE |
| 350-360 | 360-370 | 10         | SANDSTONE |
| 360-370 | 370-380 | 10         | SANDSTONE |
| 370-380 | 380-390 | 10         | SANDSTONE |
| 380-390 | 390-400 | 10         | SANDSTONE |
| 390-400 | 400-410 | 10         | SANDSTONE |
| 400-410 | 410-420 | 10         | SANDSTONE |
| 410-420 | 420-430 | 10         | SANDSTONE |
| 420-430 | 430-440 | 10         | SANDSTONE |
| 430-440 | 440-450 | 10         | SANDSTONE |
| 440-450 | 450-460 | 10         | SANDSTONE |
| 450-460 | 460-470 | 10         | SANDSTONE |
| 460-470 | 470-480 | 10         | SANDSTONE |
| 470-480 | 480-490 | 10         | SANDSTONE |
| 480-490 | 490-500 | 10         | SANDSTONE |
| 490-500 | 500-510 | 10         | SANDSTONE |
| 500-510 | 510-520 | 10         | SANDSTONE |
| 510-520 | 520-530 | 10         | SANDSTONE |
| 520-530 | 530-540 | 10         | SANDSTONE |
| 530-540 | 540-550 | 10         | SANDSTONE |
| 540-550 | 550-560 | 10         | SANDSTONE |
| 550-560 | 560-570 | 10         | SANDSTONE |
| 560-570 | 570-580 | 10         | SANDSTONE |
| 570-580 | 580-590 | 10         | SANDSTONE |
| 580-590 | 590-600 | 10         | SANDSTONE |
| 590-600 | 600-610 | 10         | SANDSTONE |
| 600-610 | 610-620 | 10         | SANDSTONE |
| 610-620 | 620-630 | 10         | SANDSTONE |
| 620-630 | 630-640 | 10         | SANDSTONE |
| 630-640 | 640-650 | 10         | SANDSTONE |
| 640-650 | 650-660 | 10         | SANDSTONE |
| 650-660 | 660-670 | 10         | SANDSTONE |
| 660-670 | 670-680 | 10         | SANDSTONE |
| 670-680 | 680-690 | 10         | SANDSTONE |
| 680-690 | 690-700 | 10         | SANDSTONE |
| 690-700 | 700-710 | 10         | SANDSTONE |
| 700-710 | 710-720 | 10         | SANDSTONE |
| 710-720 | 720-730 | 10         | SANDSTONE |
| 720-730 | 730-740 | 10         | SANDSTONE |
| 730-740 | 740-750 | 10         | SANDSTONE |
| 740-750 | 750-760 | 10         | SANDSTONE |
| 750-760 | 760-770 | 10         | SANDSTONE |
| 760-770 | 770-780 | 10         | SANDSTONE |
| 770-780 | 780-790 | 10         | SANDSTONE |
| 780-790 | 790-800 | 10         | SANDSTONE |
| 790-800 | 800-810 | 10         | SANDSTONE |
| 800-810 | 810-820 | 10         | SANDSTONE |
| 810-820 | 820-830 | 10         | SANDSTONE |
| 820-830 | 830-840 | 10         | SANDSTONE |
| 830-840 | 840-850 | 10         | SANDSTONE |
| 840-850 | 850-860 | 10         | SANDSTONE |
| 850-860 | 860-870 | 10         | SANDSTONE |
| 860-870 | 870-880 | 10         | SANDSTONE |
| 870-880 | 880-890 | 10         | SANDSTONE |
| 880-890 | 890-900 | 10         | SANDSTONE |
| 890-900 | 900-910 | 10         | SANDSTONE |
| 900-910 | 910-920 | 10         | SANDSTONE |
| 910-920 | 920-930 | 10         | SANDSTONE |
| 920-930 | 930-940 | 10         | SAND      |

LEON, WYLL