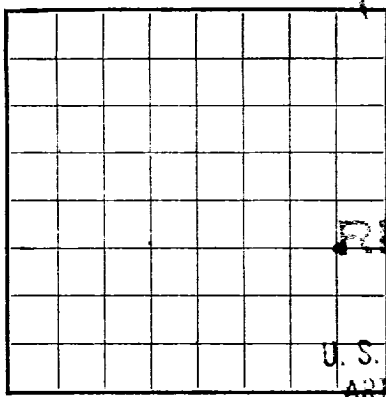




RECEIVED

MAR 2 1962

RECEIVED

MAR 1 1962

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICOU. S. LAND OFFICE ~~New Mexico~~SERIAL NUMBER ~~NY-01794~~

LEASE OR PERMIT TO PROSPECT

Government "E"

UNITED STATES ~~Cities Service Petroleum~~  
Company

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ~~Cities Service Petroleum Company~~ Address ~~Box 97 Hobbs, New Mexico~~Lessor or Tract ~~Government "E"~~ Field ~~Undesignated~~ State ~~New Mexico~~Well No. ~~1~~ Sec. ~~5~~ T. ~~14-S~~ R. ~~27-E~~ Meridian ~~N10W~~ County ~~Chaves~~Location ~~1980~~ ft. <sup>N</sup> of ~~5~~ Line and ~~660~~ ft. <sup>E</sup> of ~~4~~ Line of ~~Sec. 5-14-27~~ Elevation ~~3431~~  
(Derrick floor relative to 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]*Date ~~February 27, 1962~~ Title ~~District Superintendent~~

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

Commenced drilling ~~2-2~~, 1962 Finished drilling ~~2-24~~, 1962

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~1078'~~ to ~~2428'~~ No. 4, from \_\_\_\_\_ to \_\_\_\_\_No. 2, from ~~2428'~~ to ~~2435'~~ 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— |         |
| in shoes; in holes of pipes and in to feet of water; and kind of water; and position; and reason of building or repairing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                  |      |        |              |                     |            |     |         |
| perforated; or in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the "AC" pipe; and in the " |                 |                  |      |        |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 3-5/8"      | 252.06    | 150                    | 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 |
|-------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| This well was neither shot, fraced or acidized. |            |                |          |      |            |                   |
|                                                 |            |                |          |      |            |                   |
|                                                 |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from ~~0-~~ feet to ~~2435~~ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

\_\_\_\_\_ 19\_\_\_\_ Put to producing \_\_\_\_\_ 19\_\_\_\_

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

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

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

## EMPLOYEES

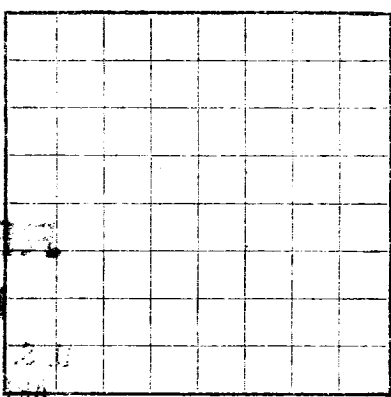
\_\_\_\_\_ ~~R. M. Webster~~, Driller \_\_\_\_\_ ~~H. C. Whistler~~, Driller\_\_\_\_\_ ~~W. E. Harris~~, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—                | TO—   | TOTAL FEET | FORMATION              |
|----------------------|-------|------------|------------------------|
| -0-                  | 210'  | 210'       | Sand & Red Bed         |
| 210'                 | 387'  | 177'       | Anhydrite              |
| 387'                 | 685'  | 298'       | Anhydrite & Sand       |
| 685'                 | 716'  | 31'        | Sand                   |
| 716'                 | 883'  | 167'       | Anhydrite & Gyp        |
| 883'                 | 976'  | 93'        | Anhydrite, Shale & Gyp |
| 976'                 | 1439' | 463'       | Anhydrite & Lime       |
| 1439'                | 1688' | 249'       | Lime                   |
| 1688'                | 1733' | 45'        | Lime & Anhydrite       |
| 1733'                | 2435' | 702'       | Lime                   |
| NOTE: This well P&A. |       |            | Tops:                  |
|                      |       |            | Queen 463'             |
|                      |       |            | Penrose 546'           |
|                      |       |            | San Andres 1078'       |
|                      |       |            | Glorietta 2428'        |
| FROM—                | TO—   | LOFTY FEET | ELEVATION              |

FORMATION RECORD—Continued

10-43094-4



LOG OF OIL OR GAS WELL

RECEIVED

MAR 1 1962

U.S. GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

UNITED STATES

Cities Service Petroleum

Company

Government

Permit to Prospect

Serial Number

44-11734

U.S. Land Office

New Mexico

Approved (Exhibit 12-31-60)

Noted (Exhibit 12-31-60)

LOCATE WELL CORRECTLY

Company Cities Service Petroleum Company  
Lessor or Trust Government  
Well No. 1  
Location 1382 ft. N. of 2 line and 65 ft. W. of 1 line of sec. 2-14-27  
Elevation 3431  
The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.  
Signed  
Title District Superintendent  
Date February 27, 1962

The summary on this page is for the condition of the well at above date.  
Commenced drilling 2-2  
Finished drilling 2-24  
10-62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1075 to 3431  
No. 2, from 3431 to 3432  
No. 3, from 3432 to 3433  
No. 4, from 3433 to 3434  
No. 5, from 3434 to 3435  
No. 6, from 3435 to 3436

IMPORTANT WATER SANDS

No. 1, from 3436 to 3437  
No. 2, from 3437 to 3438

CASING RECORD

| Casing size, in.                                                                                                                                                                                                                                                                                                                                                                                                                                  | Weight, lb. per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and jointed from | Perforated | Purpose |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|------|--------|--------------|----------------------|------------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                  |      |        |              |                      | From To    |         |
| It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was checked or left in the well, give date and reason. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling. |                      |                  |      |        |              |                      |            |         |

HISTORY OF OIL OR GAS WELL

10-12004-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

| Casing size, in. | Weight, lb. per foot | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|------------------|----------------------|------------------------|-------------|-------------|--------------------|
|                  |                      |                        |             |             |                    |

PLUGS AND ADAPTERS

| Adapter-Material | Heaving plug-Material | Length | Depth set |
|------------------|-----------------------|--------|-----------|
|                  |                       |        |           |

SHOOTING RECORD

| Size                                        | Shots used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|---------------------------------------------|------------|----------------|----------|------|------------|-------------------|
|                                             |            |                |          |      |            |                   |
| This well was not shot, tested or acidized. |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from 1075 feet to 3431 feet and from 3432 feet to 3433 feet.  
Cable tools were used from 3433 feet to 3434 feet and from 3435 feet to 3436 feet.

DATES

The production for the first 24 hours was 1000 cu. ft. of gas, 200 gal. of water, and 200 gal. of sediment.  
It gas well, cu. ft. per 24 hours 1000  
Rock pressure, lbs. per sq. in. 1000  
Gallons gasoline per 1,000 cu. ft. of gas 200  
Gravity, Bbe 200  
Part to producing 1000  
Put to producing 1000

EMPLOYEES

H. E. Harris Driller  
H. E. Harris Driller  
H. E. Harris Driller

FORMATION RECORD

| FROM- | TO-  | TOTAL FEET | FORMATION               |
|-------|------|------------|-------------------------|
| 1332  | 3432 | 2100       | Lime                    |
| 1638  | 1733 | 95         | Lime & Anhydrite        |
| 1688  | 1688 | 0          | Lime                    |
| 1439  | 1439 | 0          | Anhydrite & Lime        |
| 376   | 433  | 57         | Anhydrite & Gyp         |
| 883   | 93   | 11         | Anhydrite, Scales & Gyp |
| 716   | 883  | 167        | Anhydrite & Gyp         |
| 802   | 31   | 771        | Anhydrite & Sand        |
| 387   | 387  | 0          | Anhydrite               |
| 210   | 210  | 0          | Sand & Red Bed          |
| 1332  | 1332 | 0          |                         |

NOTE: This well was not shot, tested or acidized.

Locations 1075, 3431, 3432, 3433, 3434, 3435, 3436

FORMATION RECORD-Continued

10-12004-2 U. S. GOVERNMENT PRINTING OFFICE