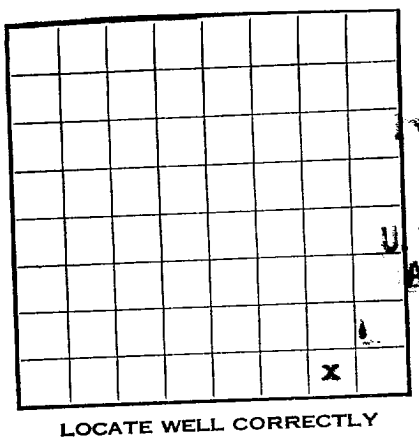
N. M. O. C. C. COPY

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE _____
SERIAL NUMBER LC 065928
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



# LOG OF OIL OR GAS WELL

Company Ford Chapman Address _____

Lessor or Tract Federal Elliott Field Undesignated State New Mexico

Well No. 2 Sec. 27 T. ~~27S~~ 26S R. 29E Meridian NMPM County Eddy

Location 330 ft. {N. / S.} of S Line and 990 ft. {E. / W.} of E Line of Sec. 27 Elevation 2907 (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 A. L. Smith

Date February 27, 1962 Title Agent

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

Commenced drilling December 16, 1961 Finished drilling January 25, 1962

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

## IMPORTANT WATER SANDS

No. 1, from none logged 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 22# | 8R | | 652 | | 652 | | | Surface |
| 4 1/2 | 9.5# | 8R | New | 2902 | Guide | 2450 | | | Oil String |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 7 | 652 | Mudded | | | |
| 4 1/2 | 2902 | 150 | Pump & 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 |
|---|---|---|---|---|---|---|
| | | | | | | |

## TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2945 feet, and from _____ feet to _____ feet

## DATES

P & A January 29, 1962 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

Charles Johnson, Driller _____, Driller

Merle Sewalt, Driller _____, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 135 | 135 | Shale & sand |
| 135 | 550 | 415 | Shale & cong. |
| 550 | 935 | 385 | Anhydrite & shale |
| 935 | 2195 | 1260 | Anhydrite |
| 2195 | 2340 | 145 | Salt |
| 2340 | 2435 | 95 | Anhydrite |
| 2435 | 2665 | 230 | Salt |
| 2665 | 2860 | 195 | Anhydrite |
| 2860 | 2890 | 30 | Black lime |
| 2890 | 2945 | 55 | Sand & shale |

Electric log tops:

Top salt 2195
Base salt 2678
Top Black lime 2860

[OVER]

16—43024-4

FOLD | MARK

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | |

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

## HISTORY OF OIL OR GAS WELL

**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 "sidetracked" 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.**