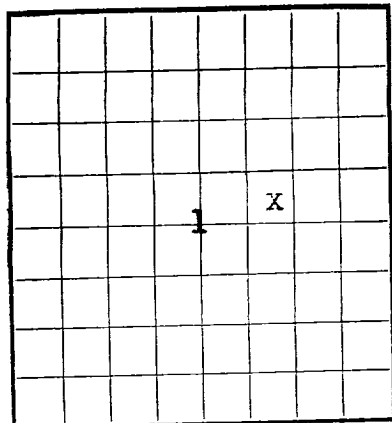
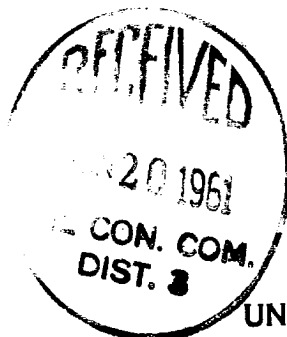




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.U. S. LAND OFFICE Santa FeSERIAL NUMBER 080594

LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Kay Kirbell Oil Operator Address Box 1097, Farmington, New Mexico  
Lessor or Tract Bolack Field Basin Dakota State New Mexico  
Well No. 2 Sec. 1 T24N R. 6W Meridian N. PM County Rio Arriba  
Location 2175 ft. N. of N. Line and 1890 ft. W. of E. Line of Sec. 1 Elevation 6526  
(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. Original Signed By John Carothers  
Signed \_\_\_\_\_

Date 6-16-61Title Production Supt.

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

Commenced drilling 5-13-61, 19\_\_\_\_ Finished drilling 5-25-61, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2368 to 2485 G No. 4, from 6732 to 6792 G  
No. 2, from 5698 to 5771 G No. 5, from 6856 to 6910 G  
No. 3, from 6644 to 6652 G 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—         |                |
| <u>9-5/8</u> | <u>24</u>       | <u>8</u>         | <u>TEX. AT</u> | <u>242</u>     | <u>TEX. AT</u> |                     |             |             | <u>Surface</u> |
| <u>7</u>     | <u>32</u>       | <u>8</u>         | <u>L.S.</u>    | <u>6695-69</u> | <u>ROWCO</u>   |                     | <u>6732</u> | <u>6910</u> | <u>rod</u>     |
| <u>2"</u>    | <u>4.70</u>     | <u>8</u>         | <u>L.S.</u>    | <u>6655-97</u> |                |                     |             |             | <u>tb.</u>     |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement                            | Method used                  | Mud gravity | Amount of mud used       |
|--------------|-------------|---------------------------------------------------|------------------------------|-------------|--------------------------|
| <u>9-5/8</u> | <u>258</u>  | <u>200</u>                                        | <u>ROWCO</u>                 |             |                          |
| <u>7</u>     | <u>6915</u> | <u>1st stage 300 sx</u>                           | <u>50-50 oz mix 2.5 gal.</u> | <u>12.7</u> | <u>Wilsonite per sx.</u> |
|              |             | <u>2nd stage 100 sx</u>                           | <u>50-50 oz mix 2.5 gal.</u> | <u>12.7</u> | <u>Wilsonite per sx.</u> |
| <u>2"</u>    | <u>6668</u> | <u>Cement to s-b-y cementation 6246 and 1690.</u> |                              |             |                          |

## 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 6915 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

6-15-61, 19\_\_\_\_ Put to production in for connection 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 5159 ACP Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 2365 si

## EMPLOYEES

Rutledge Trlg. Co., Driller \_\_\_\_\_, Driller \_\_\_\_\_  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller \_\_\_\_\_

## FORMATION RECORD

| FROM— | TO—       | TOTAL FEET | FORMATION                                                       |
|-------|-----------|------------|-----------------------------------------------------------------|
| 0     | 2368      | 2368       | Nacimiento, Ojo Alamo, Kirtland, Fruitland Sands, shale & coal. |
| 2368  | 2485      | 117        | Pictured Cliffs ss                                              |
| 2485  | 3200      | 715        | Lewis shale                                                     |
| 3200  | 3335      | 135        | Chacra ss                                                       |
| 3335  | 3903      | 568        | Lewis shale                                                     |
| 3903  | 4554      | 651        | Mesa Verde ss, Shale & coal                                     |
| 4554  | 4854      | 300        | Point Lookout ss, shale                                         |
| 4854  | 5655      | 801        | Mancos shale                                                    |
| 5655  | 5910      | 255        | Gallup ss                                                       |
| 5910  | 6540      | 630        | Mancos                                                          |
| 6540  | 6595      | 55         | Greenhorn lime                                                  |
| 6595  | 6730      | 135        | Graneros ss & shale                                             |
| 6730  | 6848      | 113        | Dakota ss & shale                                               |
| 6848  | 6915 T.D. | 72         | Burro Canyon ss                                                 |

