

COPIED TO O. C. HOBBS  
NOTED

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

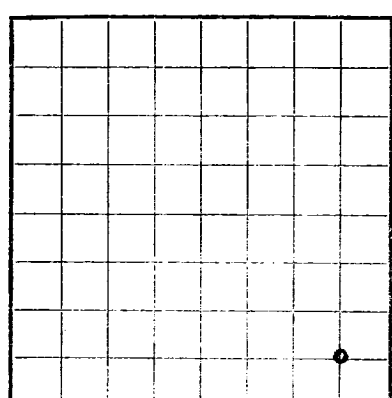
Form 9-330

DEC 5 1961

U. S. LAND OFFICE New Mexico

SERIAL NUMBER 02875

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Nearburg & Ingram Address P. O. Box 1757 - Roswell, N. M.  
Lessor or Tract Anderson Field Allison-Penn State New Mexico  
Well No. 8 Sec. 31 T. 8S R. 37E Meridian NMPM County Roosevelt  
Location 660 ft. N of S Line and 660 ft. W of E Line of Sec. 31 Elevation 4043.5 KB  
(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 Clerk

Date December 4, 1961

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

Commenced drilling 7/17, 19 61 Finished drilling 8/18, 19 61

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 9639 to 9666 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. 8, 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—  |              |
| 10-3/4                                        | 32#             | ST&C             | CF&I   | 399'        | Howco        |                     |            |      | Surface      |
| 7-5/8                                         | 24#             | ST&C             | CF&I   | 2800'       |              |                     |            |      | Intermediate |
| 4-1/2                                         | 11.6#           | ST&C             |        | 9713'       |              |                     | 9639       | 9666 | Oil          |
| 2-3/8                                         | 4.6#            | ST&C             | Tubing | set @ 9611' |              |                     |            |      |              |
| Perforations 9639-50 squeezed w/100 sx cement |                 |                  |        |             |              |                     |            |      |              |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4      | 389'      | 250                    | Pump        |             |                    |
| 7-5/8       | 4174'     | 1000                   | "           |             |                    |
| 4-1/2       | 9740      | 400                    | "           |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Plug Back Depth 9718'  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| Size                                                 | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Acidized perfs 9639-50 w/2000 gals - squeezed perfs. |            |                |          |      |            |                   |
| acidized perfs 9658-66 w/500 gals.                   |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from 0 feet to 9741 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing 12/1/ (173 bbls oil) 19 61  
The production for the first 24 hours was 600 barrels of fluid of which 28.8 % was oil; \_\_\_\_\_ %  
emulsion; 71.2 % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 47°

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_ Pumping 33 SPM, pump pressure 4050, GOR 1133

EMPLOYEES

Great Western Drilling Co., Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—      | TO—     | TOTAL FEET  | FORMATION                |
|------------|---------|-------------|--------------------------|
| 0          | 2255    | 2255        | Sand and Red Beds        |
| 2255       | 2880    | 625         | Anhydrite & Salt         |
| 2880       | 4120    | 1240        | Sand & Anhydrite         |
| 4120       | 5540    | 1420        | Dolomite                 |
| 5540       | 7735    | 2195        | Sands, Dolomite, & Shale |
| 7735       | 9075    | 1340        | Shale & Dolomite         |
| 9075       | 9741    | 666         | Shale & Limestone        |
|            | 9741' = | Total Depth |                          |
|            | 9713' = | P.B.T.D.    |                          |
| Log Tops:  |         |             |                          |
| Anhydrite  | 2255'   |             |                          |
| Yates      | 2880'   |             |                          |
| San Andres | 4120'   |             |                          |
| Glorieta   | 5540'   |             |                          |
| Abo        | 7735'   |             |                          |
| Hueco      | 9075'   |             |                          |
| Penn       | 9512'   |             |                          |
| Bough "C"  | 9637'   |             |                          |

