

NOTED  
JUN 26 1961

U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **060825 (b)**  
LEASE OR PERMIT TO PROSPECT -----  
**Blinyby "B"**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

### LOCATE WELL CORRECTLY

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New Mexico  
Lessor or Tract Elinebry "B" Federal Field Langlie-Mattix State New Mexico  
Well No. 4 Sec. 34 T. 23S R. 37E Meridian NMPM County Lea  
Location 1980 ft. [N.] of S Line and 660 ft. [E.] of W Line of Sec. 34 Elevation 3272'  
(If "N" or "S" is boxed, it is North or South of the line of the well)

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. *L. M. L.*

Date June 21, 1961 Title Petroleum Engineer

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

Commenced drilling May 20, 1961 Finished drilling May 26, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

**PERFORATIONS:**

No. 1, from 3542 to 3547 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 3562 to 3570 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, 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              | 8                | JE   | 101    | FLANK OF WHEEL | SLIP BECK DOWN      | 3510       | 3510 | Production |
| 5.1/2                      | 14              | 8                | JE   | 101    | FLANK OF WHEEL | SLIP BECK DOWN      | 3512       | 3510 | Production |
| HISTORY OF OIL OF CVA AREA |                 |                  |      |        |                |                     |            |      |            |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement               | Method used   | Mud gravity | Amount of mud used |
|-------------|-----------|--------------------------------------|---------------|-------------|--------------------|
| 8-5/8       | 331       | 300 Reg.+4% Gel+2% CaCl <sub>2</sub> | Pump & Plug   |             |                    |
| 5-1/2       | 3595      | 300 Reg.+4% Gel                      | Pump and 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 0 foot to 3595 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

|                                                                        |                                                                             |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| ----- <del>June 20,</del> 1961-----, 19-----                           | Put to producing ----- <del>June 6,</del> -----, 19. <del>61</del>          |
| The production for the first 24 hours was <del>151</del> -----         | barrels of fluid of which <del>98</del> -----% was oil; <del>0</del> -----% |
| emulsion; <del>0</del> -----% water; and <del>2</del> -----% 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

|                   |         |            |         |
|-------------------|---------|------------|---------|
| <b>Schumacher</b> | Driller | <b>Lee</b> | Driller |
| <b>Hipp</b>       | Driller |            | Driller |

# FORMATION RECORD

| FROM—   | TO—  | TOTAL FEET | FORMATION             |
|---------|------|------------|-----------------------|
| Surface | 335' | 335        | Sand & Red Bed        |
| 335     | 980' | 645        | Red Bed and Anhydrite |
| 980     | 1357 | 377        | Anhydrite             |
| 1357    | 2427 | 1070       | Anhydrite & Salt      |
| 2427    | 3393 | 966        | Lime                  |
| 3393    | 3595 | 202        | Dolomite & Lime       |

GEOLOGIC TOPS (Electric Log)

|              |       |
|--------------|-------|
| Anhydrite    | 1060' |
| Yates        | 2540' |
| Seven Rivers | 2748' |
| Queen        | 3316' |
| Penrose      | 3420' |

(OVER)

FOR MY LION RECORD - CONTINUED

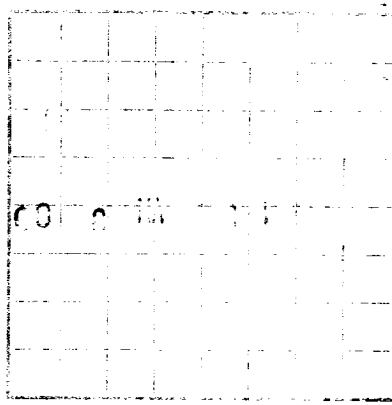
TR-1979-4-2

U.S. Land Office  
General Zenger  
Land of Grant to Robert  
[illegible]

NOTED  
JUN 3 8 1961  
STANLEY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Y. LI, J. GAO, C. ZHANG, AND Y. ZHANG

Country: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 State: \_\_\_\_\_

The warranty on this page is for the condition of the well as noted above.

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_

(1) (b) (7) (D)

No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPROVED WATER SANDS

to ..... No. 3, from .....  
to ..... No. 4, from .....

CONFIDENTIAL

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 "detached" 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.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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**FORMATION RECORD—Continued**