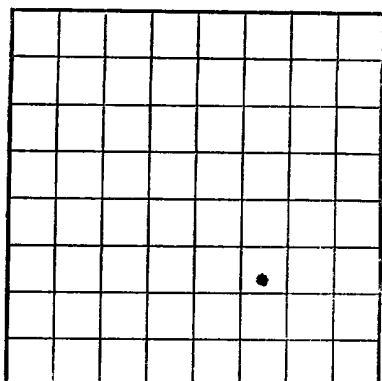


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 046563  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

Fred Fessel "CM"

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma  
 Lessor or Tract Fred Feasel "C" Field Fulcher Kutz-  
Pictured Cliffs State New Mexico  
 Well No. 1 Sec. 33 T 28-N R 10-W Meridian NMPM County San Juan  
 Location 1450 ft. { N. } of S. Line and 1655 ft. { EX } of E. Line of Section 33 Elevation 6176  
 { ISY } { W. } (Drilling 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 C. R. Holt

Date June 18, 1953 Title Field Superintendent

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

Commenced drilling January 29, 1953 Finished drilling February 1, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 2102 to 2185 (1) 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. 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—  |         |
| 8-5/8"      | 2.8             | 8                | Made in Germany | 100    | Grade        |                     |            |      |         |
| 5-1/2"      | 1.7             | 8                | China           | 100    | Grade        |                     |            |      |         |
| 1-1/4"      | 2.3             | 8                | Bethlehem       | 100    | Grade        |                     | 2174       | 2185 |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8"      | 115       | 75                     | Displacement |             |                    |
| 5-1/2"      | 2145      | 75                     | Displacement |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from 0 feet to 2185 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

February 2, 1953 Put to producing March 5, 1953  
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 1,100,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 503

## EMPLOYEES

|                          |           |                         |           |
|--------------------------|-----------|-------------------------|-----------|
| <del>E. B. Barnard</del> | , Driller | <del>Art Forsythe</del> | , Driller |
| <del>E. C. Bond</del>    | , Driller |                         | , Driller |

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                         |
|-------|------|------------|-----------------------------------|
| 0     | 1920 | 1920       | Shale and sand                    |
| 1920  | 2102 | 82         | Shale, sand and coal              |
| 2102  | 2185 | 83         | Sand (Top Pictured Cliffs - 2102) |



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOCATE WELL CORRECTLY

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 E. H. Holt

Date June 18, 1953 Title Field Superintendent

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

Commenced drilling January 29, 1953. Finished drilling February 1, 1953.

No. 1, from 2102 to 2185 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

| Size casing | Weight per foot | Threads per inch | Make            | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|-------------|-----------------|------------------|-----------------|--------|--------------|---------------------|------------|-----|---------|
|             |                 |                  |                 |        |              |                     | From—      | To— |         |
| 5-5/8"      | 28              | 8                | Made in Germany | 104    | Inside       |                     |            |     |         |
| 5-1/2"      | 17              | 8                | Charter         | 2156   | Inside       |                     |            |     |         |
| 4-1/4"      | 2.3             | 8                | Bethlehem       | 2157   |              | 2174                | 2185       |     |         |

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 3-5/8"      | 115       | 75                     | Displacement |             |                    |
| 5-1/2"      | 2145      | 75                     | Displacement |             |                    |

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

Rotary tools were used from 0 feet to 2185 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

----- February 2 -----, 19. 53 Put to producing ----- March 5 -----, 19. 53  
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 1,100,000 Gallons gasoline per 1,000 cu. ft. of gas -----  
Rock pressure, lbs. per sq. in. -----

|                          |           |                         |           |
|--------------------------|-----------|-------------------------|-----------|
| <del>L. B. Barnard</del> | , Driller | <del>Art Forsythe</del> | , Driller |
| <del>L. C. Bond</del>    | , Driller |                         | , Driller |

| FROM— | TO—  | TOTAL FEET | FORMATION                         |
|-------|------|------------|-----------------------------------|
| 0     | 1920 | 1920       | Shale and sand                    |
| 1920  | 2102 | 82         | Shale, sand and coal              |
| 2102  | 2185 | 83         | Sand (Top Pictured Cliffs - 2102) |

[illegible]

The well was treated with 1200 pounds of sand, 600 gallons of kerosene and 2400 gallons of No. 2 diesel fuel from 2185 feet. Maximum treating pressure 600 pounds and minimum treating pressure 525 pounds. The well was allowed to stand itself of kerosene and diesel naturally. The tubing was landed at 2185 feet. Well was shut in 96 hours. Shut in casing pressure 503 psi. Well measured 1100 HLF per day after 3 hours flow down through an outlet with 1400 tube March 3, 1953.

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma  
 Lessor or Tract Red Seal 20E Field Red Seal State New Mexico  
 Well No. 1 Sec. 33 T. 23-N R. 10-W Meridian 10N County San Juan  
 Location 1150 ft. {N.} of E. Line and 1655 ft. {E.} of W. Line of Section 33 Elevation 6176  
(Showing four corners of section)

Signed E. J. Valt

Date June 10, 1953 Title Field Superintendent

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

Commenced drilling January 29, 1953 Finished drilling February 1, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2102 to 2185 (c) 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. 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—  |         |
| 8-5/8"      | 28              | 8                | Made in Germany | 104    | Guide        |                     |            |      |         |
| 5-1/2"      | 17              | 8                | Chester         | 256    | Guide        |                     |            |      |         |
| 1-1/4"      | 2.3             | 8                | Bothling        | 215    |              |                     | 2174       | 2185 |         |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8"      | 115       | 75                     | isplacemnt  |             |                    |
| 5-1/2"      | 2145      | 75                     | isplacemnt  |             |                    |

## 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 feet to 2185 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

### DATES

----- February 2 -----, 19-53 Put to producing ----- March 5 -----, 19-53  
 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**

|               |         |              |         |
|---------------|---------|--------------|---------|
| W. D. Barnard | Driller | Art Forsythe | Driller |
| J. S. Bond    | Driller |              | Driller |

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                         |
|-------|------|------------|-----------------------------------|
| 0     | 1920 | 1920       | Shale and sand                    |
| 1920  | 2102 | 82         | Shale, sand and coal              |
| 2102  | 2185 | 83         | Sand (Top Pictured Cliffs - 2102) |

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

—OL

TOTAL FEET

## NOTATION

## HISTORY OF OIL OR GAS WELL

16-43084-1 U. S. GOVERNMENT PRINTING OFFICE

2185 to 2185 feet.

The well was treated with 1200 pounds of sand, 500 gallons of kerosene and 2100 gallons of No. 2 diesel fuel from 2105 feet. Maximum treating pressure 600 pounds and minimum treating pressure 525 pounds. The well was allowed to steam itself of kerosene and diesel naturally. 1 1/2 tubing was landed at 2103 feet. Well was shut in 96 hours. Shut in casing pressure 503 psi. Well measured 1100 MAF per day after 3 hour blow down through 2" outlet with pitot tube March 3, 1953.

NEW MEXICO  
OIL CONSERVATION COMMISSION

Gas Well Plat

Date 3-1-54  
STANDARD Oil & Gas Co. Frank F. A. #1 "C"  
Operator Lease Well No. 1

Name of Producing Formation PICTURED CLIFFS Pool Fulcher Kutz

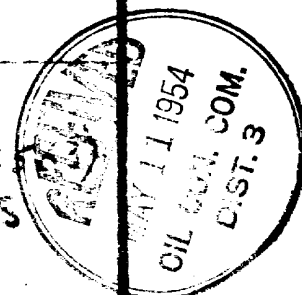
No. Acres Dedicated to the Well 160

Indicate land status and show ownership.

SE 1/4 SECTION 33 TOWNSHIP 27N RANGE 10W

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

No. 1  
USA  
FRANK F. A. #1 "C"  
SANTA FE #040  
160 ACRES  
STANDARD



I hereby certify that the information given above is true and complete to the best of my knowledge.

Name H. W. Hinkle  
Position Field Engr.  
Representing STANDARD Oil & Gas  
Address Box 17, Farmington

(over)



|                             |                  |   |
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