

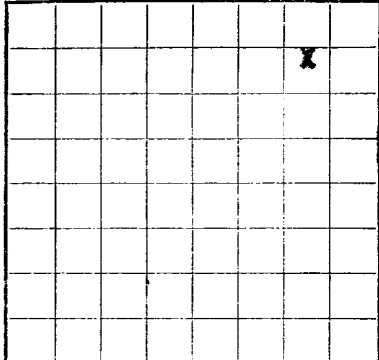
4-USGS  
1-WD  
2-Tideometer  
1-D  
1-F

SF-76

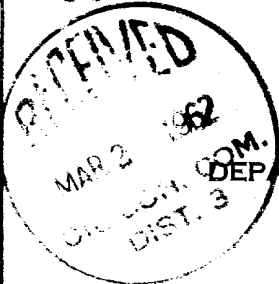
Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE  
SERIAL NUMBER **SF-079116**  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Southwest Production Co.** Address **207 Petr. Club Plaza, Farmington, N.M.**  
Lessor or Tract **Thompson Federal** Field **Basin Dakota** State **New Mexico**  
Well No. **1** Sec. **3** T. **27NR. 12N** Meridian **12PM** County **San Juan**  
Location **790** ft. **XX** of **4** Line and **790** ft. **XX** of **E** Line of **Section 3** Elevation **5913' G.L.**  
(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  
Signed **Carl W. Smith**

Date **February 26, 1962** Title **Superintendent**

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

Commenced drilling **February 2**, 19**62** Finished drilling **February 13**, 19**62**

### ~~LOG OF~~ GAS SANDS OR ZONES (Denote gas by G)

No. 1, from **6183** to **97** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **6224** to **28** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **6132** to **36** 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— |                   |
| <b>10 3/4 216 KB</b>                         | <b>150</b>      | <b>8</b>         | <b>W. L. Gore</b> | <b>225'</b> | <b>225'</b>  | <b>225'</b>         |            |     | <b>Production</b> |
| <b>4 1/2 6204 R.B.</b>                       | <b>200</b>      | <b>8</b>         | <b>W. L. Gore</b> | <b>100'</b> | <b>100'</b>  | <b>100'</b>         |            |     | <b>Production</b> |
| <b>HISTORY OF OIL OR GAS WELL</b>            |                 |                  |                   |             |              |                     |            |     |                   |
| <b>1 1/2" bty. landed @ 6202' at 2/18/62</b> |                 |                  |                   |             |              |                     |            |     |                   |

### MUDDING AND CEMENTING RECORD

| Size casing            | Where set | Number sacks of cement | Method used                                            | Mud gravity | Amount of mud used |
|------------------------|-----------|------------------------|--------------------------------------------------------|-------------|--------------------|
| <b>10 3/4 216 KB</b>   |           | <b>150</b>             | <b>Pump &amp; Plug</b>                                 |             |                    |
| <b>4 1/2 6204 R.B.</b> |           | <b>200</b>             | <b>ex 50/50 peanix 4% gel, 100 ex neat IX halad 79</b> |             |                    |
|                        |           | <b>100</b>             | <b>ex 50/50 peanix 4% gel. IV tool @ 1831.</b>         |             |                    |

### 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 **6280** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

**Tested 2/26**, 19**62** 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 **2,261 MCF** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. **2,804 AOF-SICP & TP 2109# after 7 days**  
**3 hr. flowing press. bty. 1808, csg 1050#**

### EMPLOYEES

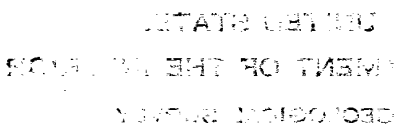
**S. H. Roberson**, Driller **C. B. Cagle**, Driller  
**Ira Armstrong**, Driller \_\_\_\_\_, Driller

### FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION                   |
|-------|-----|------------|-----------------------------|
|       |     |            | <b>Electric Log tops:</b>   |
|       |     |            | <b>Pictured Cliffs 1596</b> |
|       |     |            | <b>Cliff House 2500</b>     |
|       |     |            | <b>Point Lookout 4033</b>   |
|       |     |            | <b>Mancos 4313</b>          |
|       |     |            | <b>Gallup 5202</b>          |
|       |     |            | <b>Greenhorn 6024</b>       |
|       |     |            | <b>Graneros 6079</b>        |
|       |     |            | <b>Dakota 6193</b>          |
|       |     |            | <b>T.D. 6280</b>            |
|       |     |            | <b>C.O. 6239</b>            |
| FROM— | TO— | TOTAL FEET | ELEVATION                   |

(OVER)  
FORMATION RECORD—Continued

16-48094-4



**VIRAL INFECTIONS**

23 bapig-100-0000  
dine2 .W heO

DATE OF BIRTH: 1943-10-10

14-00000

*Journal of Management Inquiry* 18(6)

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 balling.

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

## FORMATION

**FORMATION RECORD—Continued**