

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **080027**

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Davis Oil** Address **802 Midland Savings Bldg.**  
Lessor or Tract **Fannin-Government** Field **Denver, Colorado**  
Well No. **1** Sec. **3** **24N 11W** Meridian **NMP** State **New Mexico** County **San Juan**  
Location **530'** ft. **S.** of **N.** Line and **600'** ft. **E.** of **W.** Line of **Sec 3** Elevation **6582** ft.  
(Derrick floor **6582** ft.)

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 **Weldon C. Julander**  
Title **Petroleum Geologist**Date **Sept. 25, 1957**

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

Commenced drilling **July 15,** Finished drilling **August 30,**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** to **None** No. 4, from **None** to **None**  
No. 2, from **None** to **None** No. 5, from **None** to **None**  
No. 3, from **None** to **None** No. 6, from **None** to **None**

## IMPORTANT WATER SANDS

No. 1, from **300** to **690** No. 3, from **3690** to **3840**  
No. 2, from **1690** to **2570** No. 4, from **None** to **None**

## CASING RECORD

| Size casing                | Weight per foot | Threads per inch | Make | Amount      | Kind of shoe | Cut and pulled from | Perforated |     | Purpose        |
|----------------------------|-----------------|------------------|------|-------------|--------------|---------------------|------------|-----|----------------|
|                            |                 |                  |      |             |              |                     | From—      | To— |                |
| <b>8 5/8</b>               |                 |                  |      | <b>156'</b> |              |                     |            |     | <b>Surface</b> |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |             |              |                     |            |     |                |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|-------------|-------------|--------------------|
| <b>8 5/8</b> | <b>156'</b> | <b>100</b> <b>ax</b>   |             |             |                    |
|              |             |                        |             |             |                    |
|              |             |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **None** Depth set **None**  
Adapters—Material **None** Size **None**

## SHOOTING RECORD

| Size        | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|-------------|------------|----------------|----------|------|------------|-------------------|
| <b>None</b> |            |                |          |      |            |                   |
|             |            |                |          |      |            |                   |
|             |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from **80'** feet to **5063** feet, and from **None** feet to **None** feet  
Cable tools were used from **Surface** feet to **80'** feet, and from **None** feet to **None** feet

## DATES

**Abandoned Aug 30, 19 57** Put to producing **None**, 19 **None**

The production for the first 24 hours was **None** barrels of fluid of which **None** % was oil; **None** % emulsion; **None** % water; and **None** % sediment. Gravity, °Bé. **None**

If gas well, cu. ft. per 24 hours **None** Gallons gasoline per 1,000 cu. ft. of gas **None**Rock pressure, lbs. per sq. in. **None**

## EMPLOYEES

Mr. **Swada Cromwell (TP)**, Driller Mr. **Dollar**, Driller  
Mr. **LeBeau**, Driller Mr. **Phillips**, Driller

## FORMATION RECORD

| FROM—          | TO—         | TOTAL FEET  | FORMATION                         |
|----------------|-------------|-------------|-----------------------------------|
| <b>Surface</b> | <b>300'</b> | <b>300</b>  | <b>Shale</b>                      |
| <b>300</b>     | <b>390</b>  | <b>90</b>   | <b>Sand</b>                       |
| <b>390</b>     | <b>1250</b> | <b>860</b>  | <b>Shale and sand</b>             |
| <b>1250</b>    | <b>1290</b> | <b>40</b>   | <b>Sand and coal</b>              |
| <b>1290</b>    | <b>1610</b> | <b>320</b>  | <b>Shale and sand</b>             |
| <b>1610</b>    | <b>2570</b> | <b>960</b>  | <b>Sand</b>                       |
| <b>2570</b>    | <b>3690</b> | <b>1120</b> | <b>Sand and shale</b>             |
| <b>3690</b>    | <b>3840</b> | <b>150</b>  | <b>Sand</b>                       |
| <b>3840</b>    | <b>4750</b> | <b>910</b>  | <b>Shale</b>                      |
| <b>4750</b>    | <b>5063</b> | <b>313</b>  | <b>Sand, siltstone and shale.</b> |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

[illegible]

on August 30, 1957. \_\_\_\_\_, 19 \_\_\_\_\_  
 The summary on this page is for the collection of the \_\_\_\_\_  
 Nelson C. Julander

This well was spudded on July 15, 1957, with a cable tool rig, setting 80' of 10 5/8" pipe. The surface was reset at a depth of 150' with 8 5/8" pipe on August 10. Recovery logs were used from 80' to total depth of 5063'. No shows were encountered through the Pictured Cliffs Chert house, henceforth and point lookout. The gallop was cased 4788 to 4838, and from 4900 to 4930. The cores in the lower were analyzed and found to have 8 to 15% porosity, and .1% to 1% and water saturation from 46% to 89%. A drill stem test from 4950 yielded 210' of slight oil and gas cut mud. The electric (ES ML Ind) showed the well to be non-commercial. The well was plugged

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.

## HISTORY OF OIL OR GAS WELL

| FROM       | TO         | TOTAL FEET | FORMATION |
|------------|------------|------------|-----------|
| 10-10-1968 | 10-11-1968 | 100        | SANDSTONE |
| 10-11-1968 | 10-12-1968 | 200        | SANDSTONE |
| 10-12-1968 | 11-01-1968 | 300        | SANDSTONE |
| 11-01-1968 | 11-02-1968 | 400        | SANDSTONE |
| 11-02-1968 | 11-03-1968 | 500        | SANDSTONE |
| 11-03-1968 | 11-04-1968 | 600        | SANDSTONE |
| 11-04-1968 | 11-05-1968 | 700        | SANDSTONE |
| 11-05-1968 | 11-06-1968 | 800        | SANDSTONE |
| 11-06-1968 | 11-07-1968 | 900        | SANDSTONE |
| 11-07-1968 | 11-08-1968 | 1000       | SANDSTONE |
| 11-08-1968 | 11-09-1968 | 1100       | SANDSTONE |
| 11-09-1968 | 11-10-1968 | 1200       | SANDSTONE |
| 11-10-1968 | 11-11-1968 | 1300       | SANDSTONE |
| 11-11-1968 | 11-12-1968 | 1400       | SANDSTONE |
| 11-12-1968 | 12-01-1968 | 1500       | SANDSTONE |
| 12-01-1968 | 12-02-1968 | 1600       | SANDSTONE |
| 12-02-1968 | 12-03-1968 | 1700       | SANDSTONE |
| 12-03-1968 | 12-04-1968 | 1800       | SANDSTONE |
| 12-04-1968 | 12-05-1968 | 1900       | SANDSTONE |
| 12-05-1968 | 12-06-1968 | 2000       | SANDSTONE |
| 12-06-1968 | 12-07-1968 | 2100       | SANDSTONE |
| 12-07-1968 | 12-08-1968 | 2200       | SANDSTONE |
| 12-08-1968 | 12-09-1968 | 2300       | SANDSTONE |
| 12-09-1968 | 12-10-1968 | 2400       | SANDSTONE |
| 12-10-1968 | 12-11-1968 | 2500       | SANDSTONE |
| 12-11-1968 | 12-12-1968 | 2600       | SANDSTONE |
| 12-12-1968 | 01-01-1969 | 2700       | SANDSTONE |
| 01-01-1969 | 01-02-1969 | 2800       | SANDSTONE |
| 01-02-1969 | 01-03-1969 | 2900       | SANDSTONE |
| 01-03-1969 | 01-04-1969 | 3000       | SANDSTONE |
| 01-04-1969 | 01-05-1969 | 3100       | SANDSTONE |
| 01-05-1969 | 01-06-1969 | 3200       | SANDSTONE |
| 01-06-1969 | 01-07-1969 | 3300       | SANDSTONE |
| 01-07-1969 | 01-08-1969 | 3400       | SANDSTONE |
| 01-08-1969 | 01-09-1969 | 3500       | SANDSTONE |
| 01-09-1969 | 01-10-1969 | 3600       | SANDSTONE |
| 01-10-1969 | 01-11-1969 | 3700       | SANDSTONE |
| 01-11-1969 | 01-12-1969 | 3800       | SANDSTONE |
| 01-12-1969 | 02-01-1970 | 3900       | SANDSTONE |
| 02-01-1970 | 02-02-1970 | 4000       | SANDSTONE |
| 02-02-1970 | 02-03-1970 | 4100       | SANDSTONE |
| 02-03-1970 | 02-04-1970 | 4200       | SANDSTONE |
| 02-04-1970 | 02-05-1970 | 4300       | SANDSTONE |
| 02-05-1970 | 02-06-1970 | 4400       | SANDSTONE |
| 02-06-1970 | 02-07-1970 | 4500       | SANDSTONE |
| 02-07-1970 | 02-08-1970 | 4600       | SANDSTONE |
| 02-08-1970 | 02-09-1970 | 4700       | SANDSTONE |
| 02-09-1970 | 02-10-1970 | 4800       | SANDSTONE |
| 02-10-1970 | 02-11-1970 | 4900       | SANDSTONE |
| 02-11-1970 | 02-12-1970 | 5000       | SANDSTONE |
| 02-12-1970 | 03-01-1971 | 5100       | SANDSTONE |
| 03-01-1971 | 03-02-1971 | 5200       | SANDSTONE |
| 03-02-1971 | 03-03-1971 | 5300       | SANDSTONE |
| 03-03-1971 | 03-04-1971 | 5400       | SANDSTONE |
| 03-04-1971 | 03-05-1971 | 5500       | SANDSTONE |
| 03-05-1971 | 03-06-1971 | 5600       | SANDSTONE |
| 03-06-1971 | 03-07-1971 | 5700       | SANDSTONE |
| 03-07-1971 | 03-08-1971 | 5800       | SANDSTONE |
| 03-08-1971 | 03-09-1971 | 5900       | SANDSTONE |
| 03-09-1971 | 03-10-1971 | 6000       | SANDSTONE |
| 03-10-1971 | 03-11-1971 | 6100       | SANDSTONE |
| 03-11-1971 | 03-12-1971 | 6200       | SANDSTONE |
| 03-12-1971 | 04-01-1972 | 6300       | SANDSTONE |
| 04-01-1972 | 04-02-1972 | 6400       | SANDSTONE |
| 04-02-1972 | 04-03-1972 | 6500       | SANDSTONE |
| 04-03-1972 | 04-04-1972 | 6600       | SANDSTONE |
| 04-04-1972 | 04-05-1972 | 6700       | SANDSTONE |
| 04-05-1972 | 04-06-1972 | 6800       | SANDSTONE |
| 04-06-1972 | 04-07-1972 | 6900       | SANDSTONE |
| 04-07-1972 | 04-08-1972 | 7000       | SANDSTONE |
| 04-08-1972 | 04-09-1972 | 7100       | SANDSTONE |
| 04-09-1972 | 04-10-1972 | 7200       | SANDSTONE |
| 04-10-1972 | 04-11-1972 | 7300       | SANDSTONE |
| 04-11-1972 | 04-12-1972 | 7400       | SANDSTONE |
| 04-12-1972 | 05-01-1973 | 7500       | SANDSTONE |
| 05-01-1973 | 05-02-1973 | 7600       | SANDSTONE |
| 05-02-1973 | 05-03-1973 | 7700       | SANDSTONE |
| 05-03-1973 | 05-04-1973 | 7800       | SANDSTONE |