

HISTORY OF OIL OR GAS WELL
(Submit in duplicate)

In compliance with rules and regulations adopted pursuant to ORS 520.095 (Chapter 667 OL 1953)

Operator **Two-State Oil & Gas Company, Inc.** Field **Vale area**
Well No. **Vale City No. 1** SW $\frac{1}{4}$, Sec. 21, T. 18 S. R. 45 E. W.B. & M.
Malheur County

Signed

Date **October 30, 1962**Title **M. J. Davies, President**
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was 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.

Date

4- 8-62 Rigging up and moving from Boise, Idaho to Vale, Oregon. Raised mast and installed
to full tank.
4-12-62

4-13-62 Measured tools in the hole, found bottom at 202 feet. (Hole was started in August
1961 and drilled to 200 feet before shutting down operations. Holloway Drilling
Company of Ontario was the contractor. Sixteen-inch casing was driven to about
200 feet.)

4-14-62 Shut down.
to
4-15-62

4-16-62 Repairing engine, dressing bits. Drilled 12-inch hole to 430 feet. Drove casing
to 420 feet. Mixed bentonite mud and put behind the casing.
4-23-62

4-24-62 Drilled 490 feet, drove casing to 480 feet. Reset rope socket. Drilled 1" hole
to 635 feet, casing at 560 feet. Put bentonite mud outside casing. Hit warm water
4-25-62 flow at 560 feet.

4-26-62 Drilled 12" hole to 675 feet. Reset rope socket. Drilled 12" hole to 910 feet.
to
4-30-62

5-1-62 Drilled 12" hole to 1095 feet. Having hole-caving problem. Drilled to 1140 feet,
to caving problem grew worse. Drilled to 1185 feet, stopped as caving too bad to
5-8-62 continue. Shut-down waiting on 10-3/4" casing.

5-9-62 Waiting on casing. Repairing equipment while on standby. Restrung block for
to casing job.
5-28-62

5-29-62 Dug cellar and cut off 16" pipe at the cellar floor. Put shoring in cellar.
to Rigged up for cement job.
6-1-62

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Date

6- 2-62 Shut down.
to
6- 3-62

6-4-62 Cemented annular space between 12" and 16" casings: Ran 1" pipe to 83 feet in annulus
between the 16" conductor pipe and 12" casing. Pumped in 50 sacks of construction
cement treated with 2% calcium chloride. Cement filled to the surface. The first
35 sacks appeared to go down the hole as evidenced by a rise in the water inside
the 12" casing.

6- 5-62 Waiting on casing.
to
6- 8-62

6- 9-62 Idle.
to
10-22-62

10-23-62 Twelve-inch casing bridged at 20 feet with a plug. Fifteen sacks of ready-mix were
poured into the 12" casing filling the top 20 feet.

10-24-62 The sump was filled and the site leveled with a D-6 dozer. The plugging and cleanup
were witnessed and approved by V. C. Newton, Petroleum Engineer with the State
Department of Geology and Mineral Industries.

Abandoned 10-24-62