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APR 10 1968

HISTORY OF OIL OR GAS WELL
(Submit in duplicate)

STATE DEPT. OF GEOLOGY
MINERAL IND.

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

Operator **Marvin Lewis** Field **Holmes Gap**
Well No. **2** , Sec. **31** , T. **6 S.** R. **4 W.** W.B. & M.
Signed *Marvin Lewis*
Date **April 8, 1968** Title **Owner and operator**
(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

3-24-68 Worked on pump engines. Repaired draw-works. Cut flange off 8" casing - gas exploded in the cellar but died out within a minute.

3-25-68 Waited on "saver-sub". Drilled out top cement plug. Repaired compressor and light plant.

3-26-68 to Shut down?

3-28-68

3-29-68 Continued repairing rig equipment. Adjusted pipe tongs.

4-1-68 Ran in with 7 7/8" bit on 3 1/2" drill pipe and found hole bridged at 250 feet. Drilled and pushed bridge to 256 feet. Wood splinters were circulated out of the hole indicating the bridge was a wood plug. Could not push plug below 256 feet. Wood block may have been setting on cement? Tried to drill out plug but did not have enough weight, made 1 foot in a half hour.

4-2-68 Used back hoe to make a road to the sump for the cement truck.

4-3-68 Cement plug 256-108'
Pumped 40 sacks of ready-mix 115# slurry into 8" casing with rig pump. Displaced cement to equalization point with 65 gallons of water. (Plugging witnessed by V.C. Newton, Department of Geology and Mineral Industries).
Pulled drill-pipe and laid it down.

4-4-68 Put in a 10 foot cement plug at the top of the 8" casing. Well officially abandoned.

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Operator **Marvin Lewis** Field **Holmes Gap Area**
 Well No. **Crossley-Jennings 2**, Sec. **31**, T. **6 S.** R. **4 W.** W.B. & M.
 Signed Report by: *Vernon C. Newton*
 Date **August 29, 1966** Title **Petroleum Engineer**
 (President, Secretary or Agent)

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Date

8-23-66

Shoe plug 458-427' with 10 sacks

Hung 3½", 13.30# open end drill pipe at 458' (Burlap sacks were pushed to 500' to form a bridge for the plug). Mixed and pumped 10 sacks of construction cement, 115# slurry. Displaced cement with 140 gallons of fresh water (approximately 5 gallons for pump and lines).

Pulled drill pipe up to 150' for a squeeze job of holes reported to be in the casing between 80' and 150'. Closed Shaffer drill pipe rams.

Squeezed holes 80'-150' with 20 sacks

3½", 13.30# open end drill pipe at 150'. Mixed and pumped 20 sacks of construction cement. Squeezed cement with 30 gallons of water. Noted free circulation apparently coming from the annular space between the casing and open hole during the squeezing. Pumping pressure 400 psi (plug 80'-150' by calculation - no squeeze; see comments).

Gassy salt water pushed cement from both plugs out of the hole (the burlap bags used to bridge the hole at 500' were found in the blow-out preventor). Cement had to be cleaned out of the cellar and the blow-out preventor.

Ran in with a 7-7/8" bit on 3½" drill pipe to 500'; found no cement. Killed well with mud.

8-25-66

Squeezed holes 80'-320' (?) with 40 sacks

3½", 13.30# open end drill pipe hung at 320'. Closed drill pipe rams. Mixed and pumped 40 sacks of construction cement treated with calcium chloride (quickset). Squeezed cement with 75 gallons of fresh water. Pumping pressure reached 800 psi by the end of the job. (Plug 192-315' by calculation; no squeeze; see comments.)

Driller reported top of cement at 65' (?). Plug was apparently pushed up the hole 120' by gassy salt water. The flow from the well died for 45 minutes after the cement job then resumed again.

Form 6-54

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland 1, Oregon

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Operator **Marvin Lewis** Field
Well No. **Crossley-Jennings 2**, Sec. , T. R. **W. B. & M.**
Date **August 29, 1966** Signed
Title **(President, Secretary or Agent)**

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8-26-66

Removed the rotary table and stripped off the Shaffer Gates. Pumped salt water out of the cellar, and gas and salt water could be seen coming from the inside of the casing. A good sized hole in the casing could be seen approximately 10" from the top.

Prepared to place cement around the outside of the casing to a depth of 10' and place a cement plug inside the top of the casing for temporary suspension of operations.