Form 6-54

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

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 H. K. Riddle & Oroco Oil and Gas Company Field Snake River Downwarp

Well No. Kiesel #1 , Sec. 8 , T. 19S. R. 47E W.B. & M.

Signed John W. Sullivan

Date 5/10/56 Title Secretary (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	
8/20/54 to 10/4/54	Clearing, leveling location, rigging up.
10/5,6,7	Drilled 12¼" hole 139'; reamed hole to 18" and set 130' 45#, 12" surface casing; cemented casing to surface w/122 sks cement, plugged down w/500 psi pressure.
10/12-18	Drilled 9" hole to 1932'.
10/19	Ran D.S.T. 1908-1932, packer failure, no test.
10/20-21	1932-2178, 9" hole .
10/21	D.S.T. 1252-2178, open 1 hr., to surface 3 min., init. flow 150 psi, final flow nil, recovered 200' gas cut water.
10/22 to 11/4	1932-5137 T.D., 9" hole.
11/12	Plugged back to 1990 w/14 sks cement from 2110, tested top of plug 1979'
11/13	Ran 7" OD 20# casing, w/ Baker guide shoe; shoe set at 1979'; cemented back to 1000' w/350 sks. cement.
11/16	Perforated w/4 shots per foot: 1945-54, 1935½-41½, 1930-5, 1924-5, 1166-72, 924-30, tested and recovered gas cut water. Perforated w/2 shots per foot: 1293-1300, 1280-4, 1276-8, 1261-70, 1202-1210, 1182-4, tested and recovered gas cut water.
11/19	Stack rig.
6/24/55	Drilled out plug @ 1979' w/6½" bit.
6/25-27	Cleaned hole to 5137'.
6/30	4½", 9.5# casing set to 5115', cemented back to 4000' w/400 sks Portland cement.
7/2	Nippled up and drilled 200' cement left in casing.
9/11	Perforated w/2 shots per foot: 5042-50, 4870-80, 4720-26, 4412-18, 4356-62, 4050-53; tested and recovered slightly gas cut water.
5/6,7 & 8	Using 60% gelatin, high velocity dinamite, shot off and recovered 74 joints (approximately 2300') 4½" casing. Welded steel cap on 12" casing, shuting off all flow.