SoCalGas-151

Interoffice Correspondence between R. W. Weibel, R. M. Hijazi, D. R. Horstman, and M.E. Melton (Sept. 22-23, 1988), re: Workover Recommendation for Porter 46, Aliso Canyon

I.19-06-016

ALJs: Hecht/Poirier

Date Served: March 17, 2021

INTEROFFICE CORRESPONDENCE

SOUTHERN CALIFORNIA gas COMPANY

TO R. W. Weibel FROM For M. E. Melton DATE Sept. 23, 1988

SUBJECT Workover Recommendation for Porter 46, Aliso Canyon

Please find attached Rasha and Dave's recommendation to run a casing inspection log and perform a pressure test in the subject well. Porter 46 is among the high priority annular flow wells of 1940 vintage.

It is recommended that the subject well be included in the casing inspection program scheduled for this Fall.

DRH:hr
Attachment

Approved by: R. W. Weibel
R. W. Weibel

cc: N. W. Buss
J. D. Mansdorfer
R. E. Wallace

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SOUTHERN CALIFORNIA gas COMPANY

INTEROFFICE CORRESPONDENCE

TO M. E. Melton FROM R. M. Hijazi RMHijazi / D. R. Horstman DRHorstman DATE Sept. 22, 1988

SUBJECT Workover Recommendation for Porter 46, Aliso Canyon

RECOMMENDATION

Run a casing inspection survey ("Vertilog" or equivalent) and pressure test the casing to determine its present condition.

DISCUSSION

Porter 46 was drilled in 1943 and converted to a gas storage well in 1972. Well records show no previous casing inspection logs have been run on this well, and the last casing pressure test was run in July 1977.

During the 1977 analysis, the casing leaked while being tested from 3300' to 7672' at a pressure of 2800 psi. It was then tested from 3300' to the surface with 3000 psi pressure and did not leak. With a squeeze tool set at 7670', old WSO holes broke down at a pressure of 3800 psi and took fluid at a rate of 12 cubic feet per minute. All the leaks were repaired successfully by squeezing with cement.

Presently, there are no indications of mechanical problems with the well. However, there is concern that the 45 year old casing has suffered some degree of corrosion. Thus, it is recommended that a casing inspection log be run and a casing pressure test be conducted to determine the current pipe status.

If protective casing is needed, the well should be converted to tubing flow for the current winter season, and an innerstring included in the capital budget for 1989. The well should be placed back in service as soon as is practical subsequent to completion of the workover to minimize near wellbore formation damage.

Should you have any questions or require additional information, please advise.

RMH/DRH:hr
Attachment

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