

CITIES SERVICE GAS COMPANY
McLouth Storage Field

C-1913
R-1914

Well (Longwell # 2 - Bankers Life)

Location: NE SW 3-105-20E
Leavenworth County, Kansas

Elevation: 1042'

T.D. 1416' (old records)
1426' (by log)

Casing Record: 7" set at 1377' (since 1381')

McLouth Sand: 1377' to 1416'

Date Started: 5-23-60
Completed: 6-20-60

By: Horn 72 Star Rig

Record:

The casing in this well was tested to determine if it was suitable to be equipped for a pressure observation well in the Steamstry area of McLouth Storage Field - Moved on location, rigged up and pulled 1424' rods and 2" tubing - Ran 6" tools on iron 1421' to 1426' T.D. - Found fluid at 650' then took 4 balers oil off bottom of hole - Ran 2" x 7" hookwall packer on 2" tubing and made the following water pressure tests:

Packer at 1379' well took water at rate of 5 gal/min - Released packer and found well took water at the same rate.

Packer at 1351.5' and 98.0# water pressure, pressure dropped 10.5# in 30 minutes.

Packer at 1053' and 250# water pressure the casing ruptured and pressure dropped to zero.

Filled the well with water and found that it took water at the rate of 5 gal/min.

Set packer at 690' and found that well still took water at the rate of 5 gal/min.

Set packer at 350' and pumped in 5 gal water with hand pump but could not build up over 25# pressure.

Pulled 2" tubing and packer and found packer in good condition - Ran 1424' of 2" tubing then pumped in 150 sacks cement - Pulled 2" tubing to 1324' then reverse circulated an estimated 50 sacks cement out the 2" tubing - Tore down rig and moved off - Found cement at 1348' S.L.M.

Material Used: 150 Sacks Cement

Material Reclaimed: 1424' 2" Tubing
1424' Sucker Rods
6.14' Working Barrel
1 Shear Pole

Mr. R. T. Gaut
Office

March 18, 1960

Subject: Cities Service Gas Company
McLouth Storage Field,
(Longwell #2 - Bankers Life)
NE SW 3-10S-20E.,
Leavenworth County, Kansas.

The casing in the above described well should be tested to determine if it is suitable to be equipped for pressure observation in the Steenstry area of the McLouth field. If testing indicates the condition of the well is not suitable for repair, a recommendation to plug the well will be issued.

PERTINENT DATA:

Ground Level Elevation: 1042'

*Casing:

<u>Size</u>	<u>Ran</u>	<u>Pulled</u>	<u>Weight</u>	<u>Thread</u>	<u>Amount Cement</u>	<u>Top Cement</u>
10-3/4"	37	No Record				
8-5/8"	830'	830'				
7"	1377'				25 sacks	1166' (Calculated)

*From original driller's log.

Hole Sizes: 12-1/4" to 37', 10-1/4" to 830', 8-1/4" to 1381', 6-1/4" to 1416 T.D.

Shot Record: Shot with 40 quarts.

Initial Production: 60 Bbls. potential per day.

Producing Horizon: McLouth sand from 1377' to 1416'.

Drilled Hole Below Casing: 6-1/4" open hole from 1377' to 1416' T.D.

RECOMMENDATION:

Reclaim present single sheave shear pole.
Pull rods and pump.
Pull tubing.
Run Collar Locator Log and Gamma Ray Log.

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McLouth Storage Field

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R-1914

Well (Longwell # 2 - Bankers Life)

Plugged By: Horn 72 Star Rig

Dates:

Started: 5-23-60

Ended: 6-20-60

Elevation: 1042'

Material Reclaimed

1424' 2" Tubing
1424' Sucker Rods
6.14' Working Barrel
1 Shear Pole

Material Used

150 Sacks Cement

10-3/4" set 37'

10-1/4" hole 830'

Top of Cement 1348' S.L.M.

8-1/4" hole 1381'

7" Casing shoe at 1381'

6-1/4" hole 1426'

Total Depth 1426'