

WORKOVER PROCEDURE

DATE: 4/9/89

WELL & JOB: Sinclair Vacuum #1 SWD

DRIILLED: 1965

LAST WORKOVER: 1983

COUNTY: Lea

BY: M. W. Gore

TD: 10946'

FIELD: Undersigned

DATE:

TUBING HEAD:

SIZE:

GRADE:

SET @

TOC

CASING:

SIZE:

GRADE:

SET @

TOC

SUBJECT:

406'

406'

410

CIRC.

PROB:

9-5/8"

32054

1-5/8" x 40

3900'

1130

CIRC.

LINE:

SIZE:

GRADE:

TOP

BTM

TO

PERFORATIONS: OPEN HOLE

TUBING: BTMD @ 3950'

SIZE: 3-1/2"

JOINTS: 9.3 #

GRADE: J-55

THREAD: EUE

PACKER AND MISC:

BAKER Model "D" with Type E anchor seal assembly.

MISC:

GRADE: J-55

THREAD: EUE

BACKGROUND:

Drilled as a Devonian test in 1965. Well was plugged and abandoned. Reopened in November 1966. Drilled out plugs to 6600' and cemented well to 5750'. Injecting into open hole from 3900' - 4600'. Current injection is at 4874' @ 220 ppi. The 9-5/8" X 3-1/2" annulus has developed some pressure buildup. The 9-5/8" ID casing has been run down and back flows 35,000 BWPD. Calculated BHP requires 19 ppg fluid to fill the well.

SCOPE OF WORK:

Purpose to plug and abandon.

PROCEDURE

1. RU cementing equipment and establish injection rate into open hole. Pump 150 sacks Class "H" cement with 2% CaCl₂ (15.6 ppg) displace to packer @ 3950'. (Calculated displacement = 34.7 barrels)
2. WOC overline. RU PU and accessories. Bleed down tubing pressure to check squeeze job. If well flows back will re-squeeze. NU BOPE. Attempt to release from packer (pick up and turn to the right). If unable to release from packer, get cut tubing at TOC. POOH with tubing.
3. Set CIBP above packer or tubing stub.
4. GTH with tubing and circulate hole with GBW. Spot cement plugs as follows:
 - a. 35 sacks Class "C" near on top of CIBP.
 - b. 35 sacks Class "C" at base of Salt estimated @ 2600'
 - c. 35 sacks Class "C" at top of Salt estimated @ 1620'
 - d. 150 sacks Class "C" from 450' to surface
5. ND BOPE. Cut off wellhead and weld on steel plate and Dry Hole marker. (Install valve in place)

