

4-071173

API Number: 15-163-22,863 - 00-00

STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING
130 SOUTH MARKET, SUITE 2078
WICHITA, KANSAS 67202

25' E. of
W2 SW NE SE /4 SEC. 02, 09 S, 17 W
1650 feet from S section line
1130 feet from E section line

4-14

Operator license# 5134

Lease: Howat ^{KCC} ^{ZMP} Well # 4

Operator: Graham-Michaelis Corporation

County: Rooks

Address: P.O. Box 247
Wichita, Kansas 67201
Jack L. Yinger

Well total depth 3450 ^{112.12} feet
Conductor Pipe: 0 inch @ 0 feet
Surface pipe 8 5/8 Inch @ 258 feet

Aband. oil well X, Gas well _____, Input well _____, SWD _____, D & A _____

Plugging contractor: Allied Cementing Company License# _____

Address: Russell, Kansas 67665

Company to plug at: Hour: A.M. Day: 16 Month: April Year: 1996

Plugging proposal received from: Norman Rodie

Company: Graham-Michaelis Corporation Phone: 316-264-8394

Were: 8 5/8" - 258' S.P. cwc. w/170 sxs cement. 5 1/2" casing set at 3451' w/175 sxs cement. D.V. Tool at 1291' cwc w/350 sxs cement. Elev. 1992' - Anhy. 1264'. Perfs 3119' - 3346'. Proposal 200 sxs 60/40 pozmix - 10% gel and 4 sxs hulls - 12 sxs Bentonite gel. Pump in with pump truck. Pump in 25 sxs cement with 4 sxs hulls - 12 sxs gel and 160 sxs cement. Squeeze 5 1/2" x 8 5/8" annulus with cement. Shut in under pressure.

Plugging Proposal Received by: Marion J. Schmidt

Plugging operations attended by agent? All[X], Part[], None[]

Completed: Hour: 11:15 A.M., Day: 16, Month: April, Year: 1996

Actual plugging report: Graham-Michaelis ordered 200 sxs 60/40 pozmix - 10% gel Bentonite gel and 4 sxs hulls. Pumped in top with pump truck.

04-11-96 - Allied Cement pumped in w/25 sxs cement w/4 sxs hulls - 12 sxs gel followed with 160 sxs cement. Pressure Max P.S.I. 50#. Squeezed 5 1/2" x 8 5/8" annulus with 15 sxs cement. Max. P.S.I. 400#. Not witnessed.

04-15-96 - Allied Cement ran wireline cement top at 850'.

04-16-96 - Allied Cement pumped in w/75 sxs cement. Max. P.S.I. 400#. Shut in at 400# P.S.I. This was witnessed.

Remarks: Cemented by Allied Cementing.

Condition of casing(in hole): GOOD _____ BAD _____ Anhy.plug: YES X NO _____

Bottom plug(in place): YES _____, CALC _____, NO _____ Dakota plug: YES X, NO _____

Plugged through TUBING _____, CASING _____ Elevation: 1992 GL

I did X / did not [] observe the plugging.

Marion J. Schmidt
(agent)

Form CP-2/3

INVOICED
DATE APR 29 1996
INV. NO. 45467

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