

14-16-11W

DRILLERS WELL LOG

BROUGHER OIL, INC.
P.O. Drawer 1367
Great Bend, Ks 67530

MARMIE #2: API #15-009-23,494
NE SE SE Sec. 14-16-11W
Barton County, Kansas

DATE COMMENCED: 4-27-84
DATE COMPLETED: 5-03-84

SURFACE PIPE: 8 5/8" Surface casing set at 475',
cemented with 225 sacks of 60/40 Pozmix, 4% Gel,
3% C.C., cement did circulate.

PRODUCTION CASING: 5 1/2" Production casing set at 3379',
cemented with 125 sacks of 50/50 Pozmix, 2% Gel, 18% Salt,
.75% CFR-2, 5# Gilsonite per sack, and 500 gallons super
flush.

0 - 458' Shale & Red Bed
458 - 476' Shale
476 - 723' Shale
723 - 747' Anhydrite
747 - 1030' Shale
1030 - 1720' Shale & Lime Streak
1720 - 2060' Shale
2060 - 2310' Shale
2310 - 2635' Lime & Shale
2635 - 2895' Lime & Shale
2895 - 3030' Lime & Shale
3030 - 3106' Lime & Shale
3106 - 3130' Lime & Shale
3130 - 3255' Lime & Shale
3255 - 3360' Lime
3360 - 3388' Lime
3388' RTD

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON)^{ss.}

Terry Williamson of lawful age, does swear and state that the facts
and statements herein are true and correct to the best of his knowledge.