

ORIGINAL

MALLARD JV, Inc.

DRILLING CONTRACTORS

P. O. Box 1009
MCPHERSON, KS 67460

316-241-4640

Drillers Log

OPERATOR: **Rains & Williamson Oil Co., Inc.**
220 W. Douglas, Suite 435
Wichita, KS 67202

WELL: **Ummel Ranch #4**

API #: 15-135-239420000

COMMENCED: August 3, 1996

LOCATION: **SW NW SW**
1650' FSL, 330' FWL
Section 25, Township 16 S, Range 22 W
Ness County, Kansas

COMPLETED: August 9, 1996

TOTAL DEPTH: 4420'

ELEVATION: 2380' GL, 2385' KB

STATUS: Dry and Abandoned - Mississippian Formation

SPUD: 6:05 pm 8/3/96

SIZE HOLE DRILLED: 12-1/4" x 215'

SURFACE CASING SIZE: 8-5/8" x 28# x 207.4' (5 jts.)

SET AT: 214'

CEMENT: 140 sacks 60/40 Pozmix, 2% gel, 3% cc

SIZE HOLE DRILLED: 7-7/8" x 4420' RTD

PLUGGED HOLE WITH: 265 sacks 60/40 Pozmix, 6% gel, 1/4# floseal per sack as follows:

50 sx @ 1716'

80 sx @ 1000'

50 sx @ 600'

50 sx @ 244'

10 sx @ 40'

15 sx rathole,

10 sx mousehole

P. D.: 11:30 pm 8/9/96

RECEIVED
STATE CORPORATION COMMISSION

SEP 06 1996

OFFICE OF THE STATE CORPORATION COMMISSION
WICHITA, KANSAS

DRILL STEM TESTS: None

ELECTRIC LOG: Yes

RESERVE PIT: 18,000 ppm chlorides, 850 bbl free fluid content