

# MALLARD JV, INC.

DRILLING CONTRACTORS

P. O. Box 1009

McPHERSON, KS 67460

NOV. 22 1994

## DRILLER'S LOG

OPERATOR: **Grand Mesa Operating Company**  
200 E. First St., Suite #307  
Wichita, KS 67202

WELL: **Stiawalt #5-20**

API #: 15-135-23,839

COMMENCED: November 6, 1994

LOCATION: NE NW NW  
530' FNL, 910' FWL  
Section 20, Township 17 S, Range 24 W  
Ness County, KS

COMPLETED: November 13, 1994

TOTAL DEPTH: 4383'

ELEVATION: 2390' GL, 2395' KB

STATUS: **Dry and Abandoned**

SPUD: 12:25 pm 11/6/94

SIZE HOLE DRILLED: 12-1/4" x 258'

SURFACE CASING SIZE: 8-5/8" x 20# x 265.5' (6jts.)

SET AT: 272.1'

CEMENT: 165 sacks 60/40 Pozmix, 2% gel, 3% cc

SIZE HOLE DRILLED: 7-7/8" x 4383'

PLUGGED HOLE WITH: 205 sacks 60/40 Pozmix, 6% gel, 1/4# floseal as follows:

- 50 sx @ 1710'
- 80 sx @ 1080'
- 40 sx @ 300'
- 10 sx @ 40'
- 15 sx rathole,
- 10 sx mousehole

P. D.: 7:00 pm 11/13/94

DRILL STEM TESTS: 2

ELECTRIC LOG: No

RESRVE PIT: 28,000 ppm chlorides, 140 bbls free fluid content

alt #5-20  
20-17S-24W  
s County, Kansas

SAMPLE TOPS STIAWALT #5-20

COMPARISON WELL  
Stiawalt #1  
NW/NW Sec 18

Anhydrite	1685	+ 723	-2
Heebner	3727	-1319	-1
Lansing	3768	-1360	-0-
BKC	4062	-1654	-3
Pawnee	4190	-1782	-4
Ft. Scott	4267	-1859	-0-
Ch Shale	4293	-1885	-1
Bs Penn	4336	-1928	+1
Ch Sand	4344	-1936	+1
Mississippi	4374	-1965	+17