

# Daily Drilling Report

## DRILLING REPORT

Well Name:	<b>Mash Unit #1</b>	API Code:	15-007-20005-00-01	Ref Well :	
Location	200' S of C SE SE 27 \ 34S \ 13W	Lease Name:	<b>Mash Unit #1</b>	Ref Loc:	- / /
County / State :	BARBER, KS	Field:	Elwood	County:	BARBER, KS
GL Level :	1485	Contractor:	Duke Drilling Co.	GL Level :	
KB Level :	0	Operator:	CMX, Inc.	KB Level :	0

Current Date 05-May-03

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### Daily Drilling Details Report

Date	Start Depth	Daily Remarks
1/14/2003	0	Move In Rig. Spud @ 8:00 PM
1/15/2003	3480	7:00 AM 2582', washing down. 3572', washing down top of Elgin and lost returns. Got circulation back, washing down @ 3700' @ 2:00 PM. Washing down slowly. Hole condition is such that it is proceeding slowly.
1/16/2003	4800	9:00 AM @ 4800', lay down drill pipe to set casing. Logged. Two other zones in addition to Hertha, Cherokee Sand and Douglas Sand had interesting log shows. Installed a new Lowery type L-ECA (1500#) 8 5/8" x 4 1/2" head. Ran 125 jts. Of used (drifted & tested to 4000#) 4 1/2" x 10.5# J, ST&C casing and set @ 4815'. Used 8 turbolizer centralizers, a Weatherford formation packer shoe, a baffle plate with latch down plug & two cement baskets (@ 4731' & 4175'). Broke circulation three times running casing. Circ 1 hr on bottom. Opened/Set packer shoe @ 1000#. Acid Services cemented casing w/300 sx 50/50 Pozmix cement (10% salt, 3/4% FLA-322 & 53/sx gilsonite) with full returns. Mixed cement w/city water. Plug down @ 10:36 PM. Float valve held & casing was left open. Set casing slips with casing in full tension. Put 15 sxs cement in RH and 10 sxs in MH.

### Casing History

Size	Weight	Grade	Brand	Type	Condition	Set Depth	Footage
4 1/2"	10.5	API	J, ST&C	production	used	4815	0

**Cement Description:** 300 sx 50/50 Poz (10% salt, 3/4% FLA-322 & 5#/sx gilsonite)