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**St. James Energy Operating Inc.
Larson Farms 2-24 Drilling Report
SHL: 1452' FNL & 1906' FEL SW NE
BHL: 1952' FNL & 618' FEL SE NE
SEC24 T6N R64W**

09-18-11

Move Cade Rig #22 from Larson Farms 5 well pad to the 2 well pad. Rig up and spud about 5:30 pm. **KB 14'**

09-19-11

State required surface depth was 750'. 18 Jt surface casing tally was 760' + 14' KB + 10' rat hole = Drilled TD of 785'.

Surface Casing Report: Surface Casing part of Turn Key. Cade ran 18 Jts of 8 5/8" 24# ST&C casing with a Guide shoe on bottom and 3 Centralizers. No Basket. Shoe Landed at 760' from Ground Level.

Surface Casing Cement Report: Cementers Well Service. Pre Flush with 20 bbls of water. Pump 550 sacks of cement, Slurry Volume 1.18 cu ft per sack and 14.8-15.0 PPG. Total Slurry Volume 115.5 bbls. Displace with 46.6 bbls of water. Circulate 5 bbls of cement. Cement to surface.

09-21-11

9:45 PM Reached Drilled TD of 7168'.

09-22-11

Logged: Parkman: 3592'-4008' Sussex: 4390'-4607'

Shannon: 5060'-5239' Niobrara: 6709' Ft Hayes: 6971'

Codell: 6994' Logged TD: 7164

Rig up Kimzy Casing.

Put thread lock on Shoe Joint and Float Shoe on bottom with 1 Centralizer. Put Latch Down Baffle in top of shoe joint and thread lock on next joint and 1 Centralizer.

