

L. RAY DUNWOODY
INTERNORTH STATE NO. 1

PRODUCTION CASING AND CEMENTING RECORD

Drilled to total depth of 7750' at 6:30 A.M., May 9, 1981. Ran logs.
Set cement plugs as follows:

7515' to 7415' 35 sx Class "H"
7170' to 7070' 35 sx Class "H"
6150' to 6000' 60 sx Class "H".

Ran casing as follows:

| | |
|---|----------------|
| Halliburton guide shoe | 0.80' |
| 1 jt., 4 1/2", 10.50#/ft., K-55, ST&C csg. | 38.02 |
| Halliburton float collar | 1.90 |
| 154 jts., 4 1/2", 10.50#/ft., K-55, ST&C csg. | <u>5848.06</u> |
| Total String - 155 jts. | 5888.78' |
| Casing setting depth | 5885' K.B. |

Centralizers run from 5870' to 5661' and 4587' to 4365'.

Casing was cemented as follows:

Pumped 10 bbls fresh water, mixed 1000 sx of 50-50 Posmix, Class "C" with 2% gel, 6# salt per sx and 0.6% CFR-2 mixed at 14.1# per gal. Displaced with 92 bbls fresh water. Bumped plug with 1750 psi. Released pressure and float held. Plug down at 6:00 A.M., May 11, 1981.

Ran temperature survey after twelve hours. Top of cement 3636' K.B.

Pumped plug with 1600# -- Held 5 mins. Released pressure and float held.

BDB/lsg
May 29, 1981