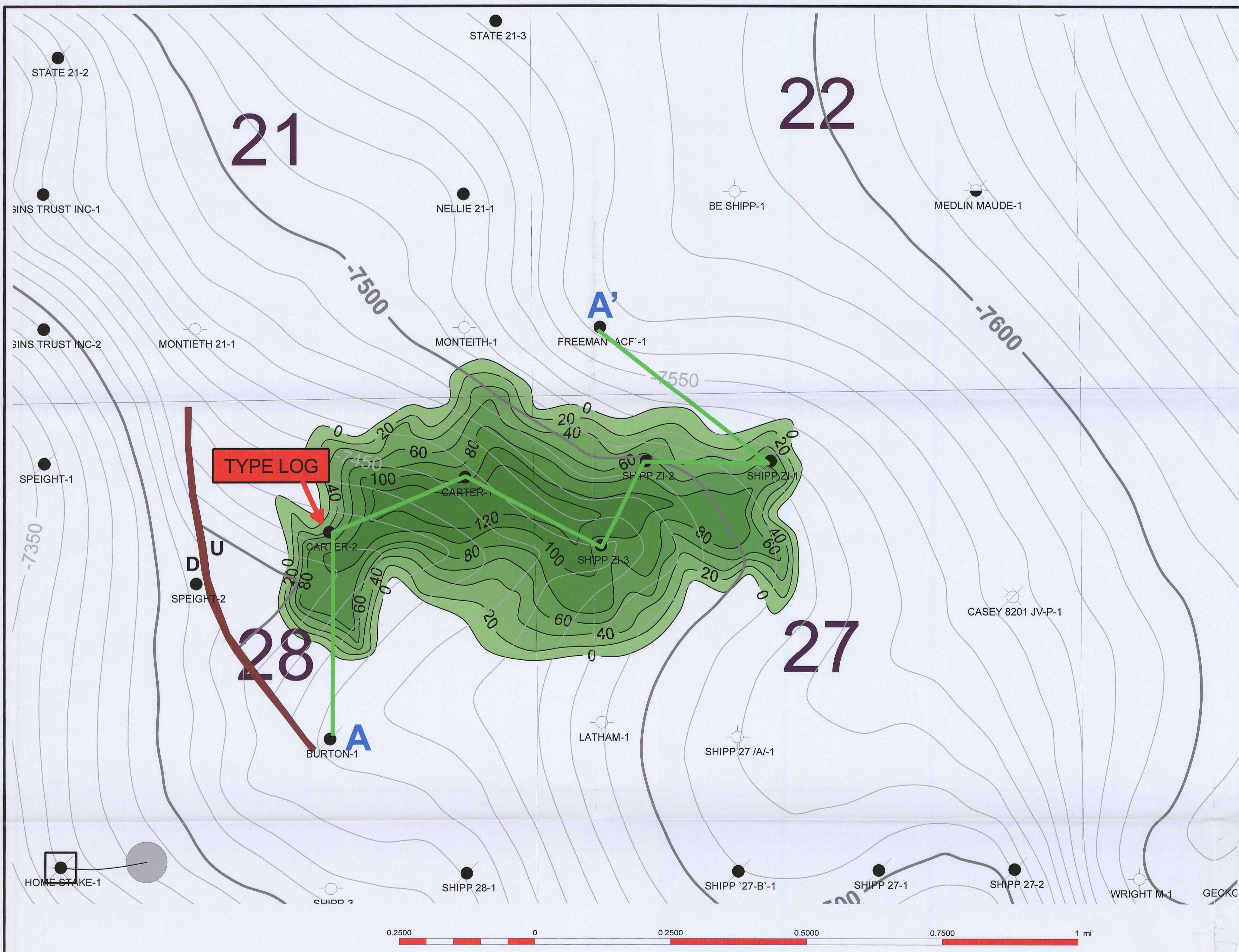




TYPE LOG Carter Shipp Strawn Unit

30025292480000
AMERIND OIL COMPANY
CARTER 2
016.05 037.0E 028
1330.00 FNL CONGRESS
1980.00 FEL CONGRESS
06-20-1985
3804 KB

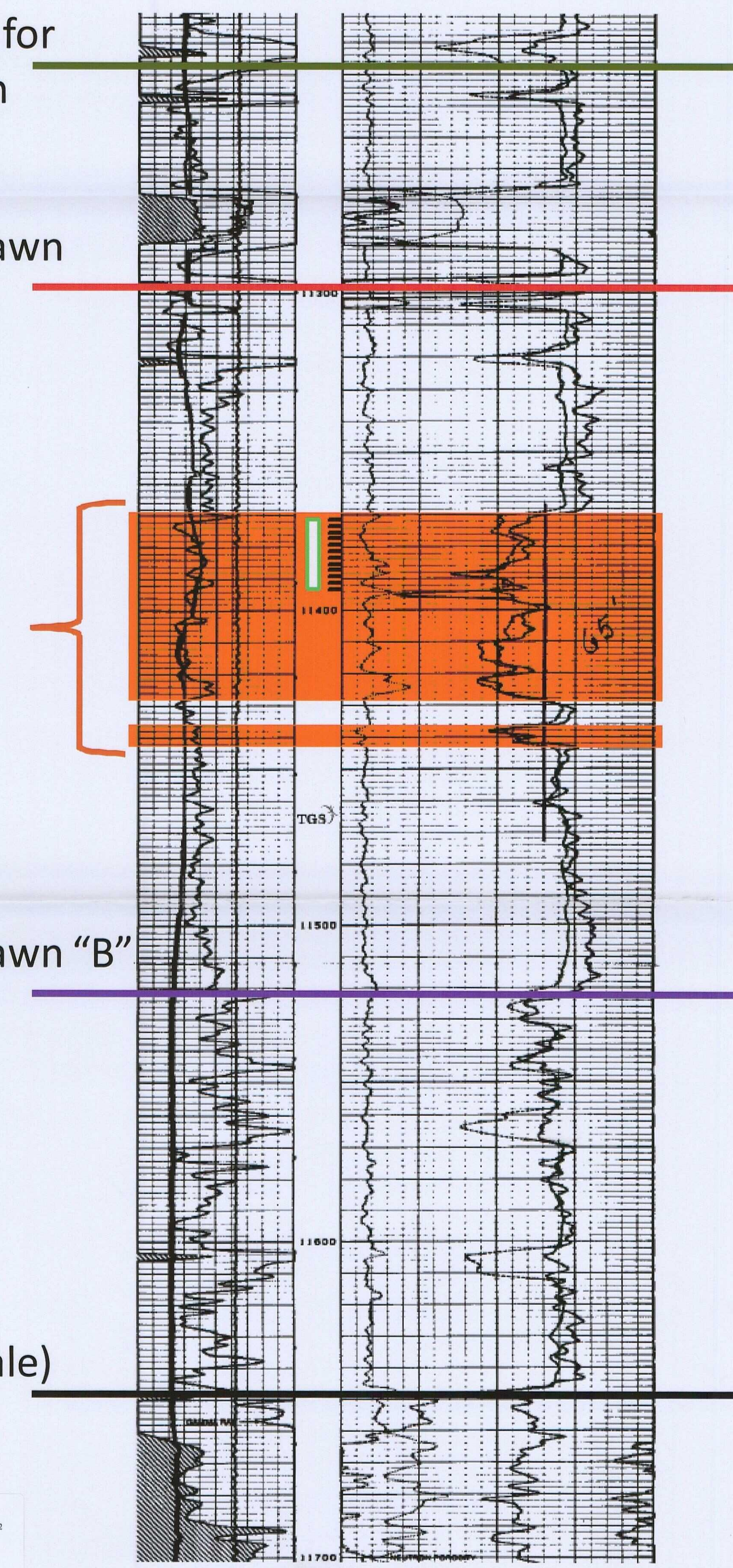
Mapped Interval for
Lovington Strawn

Top of Lower Strawn

Strawn Mound
Porosity $\geq 4\%$

Top of Lower Strawn "B"

Top of Atoka (Shale)



**CHESAPEAKE
OPERATING, INC.**

Lovington Strawn Waterflood Project
Carter Shipp Strawn Unit Mound
Structure Map - Top of Lovington Strawn (DAG) C.I. = 10'
Isopach Map - Strawn Mound XPLOT PHI $\geq 4\%$
(DAG/CAH/RLM) C.I. = 20'

RLM_CSSU Mound_16S-37E.gmp
Date: 22 June, 2009 Geologist: Martin/Godsey

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No.'s 14362 & 14363 (Consolidated) Exhibit No. 12
Submitted by:
CHESAPEAKE OPERATING, INC.
Hearing Date: September 16, 2009