

PANHANDLE EASTERN PIPE LINE COMPANY

Cunningham 1-14 "C"
C SE NW
Section 14-31S-41W
Morton County, Kansas

Formation Tops

Marmaton	4340'
Cherokee	4526'
Morrowan Shale	5028'
Upper Morrowan Ss.	5142'
Lower Morrowan Ss.	5356'
Lower Morrowan Ss.	5382'
Mississippian	5464'
Total Depth	5573'

Completion Information

Spud April 14, 1957.
Set 1527' of 8 5/8" casing with 850 sacks cement.
Set 5472' of 5 1/2" casing with 125 sacks cement.
Cleaned out 5422'.
Perforated 40 holes 5359-5369'.
Treated with 500 gallons mud acid; gauged 171 MCF.
Treated with 1000 gallons 15% acid; gauged 388 MCF.
Fractured with 5000 gallons acid frac and 2500# sand.
Gauged 866 MCF.

Completion Test: Shut in; waiting on pipe line.