



WELL RECORD

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EDNA
GAS
State Geological Survey
WICHITA BRANCH

Cogasco Exploration Co.
Cooper Twin Lakes #2
Section 32 Twp. 34S Range 19E Labette County, Kansas
660 FNL & 1200 FEL
SW NE NE
Elevation 982'

- 12-1-78 Spud. Set 7" 20# casing to 32' 4". Cemented with 4 sacks.
Drilled to 397'. Top Oswego 240 (+742).
Gas test @ 397'
 1/4" 24# 56,000 CFGPD
 1/2" 3# 101,800 CFGPD
 SIP 40# in 5 minutes
- 12-4-78 Drilled to 592'. Pulled out of hole and put on core barrel.
Top Upper Bartlesville 590 - 606'.
- 12-5-78 Drilled to TD 865'. Cored from 592 to 612'. Recovered 20' core.
 Laminated sand & shale - Oil 592 to 595.75
 Dark grey shale 595.75 to 600.5
 Sandstone - Oil 600.5 to 605.25
 Shale 605.25 to 606.35
 Sandstone 606.35 to 607
 Dark grey shale 607 to 612 feet
 Lower Bartlesville ss. 654 - 684, 694 - 717 feet -
 Gas & water.
 Top Mississippi 842 (+140)
Gas test @ 849'
 1/4" 67# 117,800 CFGPD
 1/2" 42# 322,400 CFGPD
 3/4" 15# 374,800 CFGPD
No increase in gas at TD.
Uncertain to source of gas - Lower Bartlesville Sand Or Mississippi.
- 12-13-78 Earth Scientists ran GR-N and DTS log.
 Oswego 240 (+742)
 Verdegris 420 (+562)
 Upper Bartlesville ss. 590 - 606 (+392)
 Lower Bartlesville ss. 654 - 684, 694 - 717 (+328)
 Mississippi 842 (+140)
Log anomalies on DTS trace
Main anomaly 660 to 684 - Top Lower Bartlesville sand.
Anomaly 840 to 846 - Top Mississippi
Gas source Top Lower Bartlesville sand.
- 2-2-79 Rainwater Well Service RIH with 3 1/2" OD casing on regular
float shoe. Had 27' fill up in hole.
- 2-5-79 Rig Cementing washed pipe to 865' TD and cemented with 100 sacks.