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GEOLOGICAL REPORT

R. JOHNSON 2 A
1190FNL 2310FEL
SECTION 12 TWP 33S RGE 4E
COWLEY COUNTY, KS

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 14 2004

CONSERVATION DIVISION
WICHITA, KS

OPERATOR: Cowley Energy Associates, LLC
3838 Oak Lawn Avenue Suite 910
Dallas, TX 75219

SPUD: October 3, 2003

LOGGED: October 6th, 2003

TOTAL DEPTH 746'

CONTRACTOR: Mc Pherson Drilling Co.
Sycamore KS 67363-0097

SURFACE CASING: 7" @ 211 feet

ELECTRIC LOGGING: GeoData Logging Services

SURVEYS: Compensated Density Neutron Log

ELEVATIONS: 1175 GPS topo

STATUS: Non commercial, Abandoned

2.A

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FORMATION TOPS

All measurements from ground
Elevation: 1175 GPS Topo
Electric log measurements

Formation	Depth	Sub-sea
NEVA LIME	385	+790
RED EAGLE LIME	451	+724
FORACKER LIME	484	+691
ADMIRE GROUP	548	+627
UPPER ADMIRE SAND	593	+582
FALL CITY LIME	605	+570
ADMIRE "B" SAND	612	+563
ADMIRE "C" SAND	NOT DEVELOPED	
ADMINE "D" SAND	NOT DEVELOPED	

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STRUCTURAL COMPARSION

Formation	Cowley # 2 A Johnson	Benson # 1-12 Johnson
NEVA LIME	+790	+781
RED EAGLE LIME	+724	+720
FORACKER LIME	+691	+687
ADMIRE GROUP	+627	+625
FALL CITY LIME	+570	+567

SAMPLE DESCRIPTIONS
ZONES OF INTEREST

<u>Red Eagle Lime</u>	460'-472':	Lime, white, gray, dense to crystalline, fossiliferous. No show
<u>Foracker Lime</u>	505'-510':	Lime, dark grey, some vugs, fossiliferous
<u>Upper Admire Sand</u>	548'-601':	Sand, shaley tite .
<u>Admire B Sand</u>	612'-619':	Sand grey, tite, Lime . No Porosity

REMARKS2A
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At total depth a Compensated Density Neutron Log was run in order to evaluate the small gas flows (2.76MCF) encountered while testing at 607'. There was four foot of 15% porosity in the Foracker lime from a depth 506'-510' and four foot of 15% porosity from the Admire A sand at a depth of 596'-600'.

Due to the small flow of gas during testing and log analysis it was felt the # 2A Johnson would be non-commercial and the well was abandoned at a Total depth of 746 feet.

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Respectfully submitted,

James R. Craig
10/20/2003