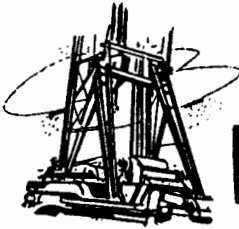


35-28-33W

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KCC

APR 1 1996

CHARLES B. SPRADLIN

GEOLOGIST

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WICHITA, KANSAS 67206

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GEOLOGICAL REPORT  
 BEREXCO INC. Diane #2-35  
 C S/2 NW/4 SW/4 Sec. 35-28s-33w  
 Haskell County, Kansas

API #15-081-20818

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Spud date: 11-19-93  
 Drilling completed: 11-28-93 KCC

Elevations: 2965 KB  
 2963 DF  
 2953 GL

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Comparison well: BEREXCO INC. Diane #1-35  
 SE/4 SW/4 SW/4 Sec. 35-28s-33w  
 (Producing well 1360' south/southeast)

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 CONSERVATION DIVISION  
 Wichita, Kansas

<u>Formation</u>	<u>Sample Top</u>	<u>E-Log Top</u>	<u>Datum</u>	<u>Compared to Diane #1-35</u>
Base/Heebner	4116	4112	(-1147)	6' low
Toronto	4130	4122	(-1157)	4' low
Lansing	4164	4156	(-1191)	8' low
Lansing "B"	4200	4194	(-1229)	2' low
Lansing "D"	4281	4274	(-1309)	4' low
Lansing "F"	4370	4364	(-1399)	7' low
Lansing "G"	4448	4444	(-1479)	8' low
Lansing "H"	4487	4479	(-1515)	6' low
Lansing "I"	4534	4528	(-1563)	4' low
Kansas City "A"	4618	4613	(-1648)	3' low
Kansas City "B"	4677	4671	(-1706)	1' high
Kansas City "C"	4722	4717	(-1752)	7' low
BKC	4767	4761	(-1796)	5' low
Marmaton	4779	4770	(-1805)	2' low
Pawnee	4888	4882	(-1917)	1' low
Fort Scott	4919	4914	(-1949)	2' low
Cherokee	4930	4926	(-1964)	7' low
Morrow	5264	5260	(-2295)	11' low
Chester	5414	5390	(-2425)	14' high
St. Genevieve	5492	5486	(-2521)	13' low
St. Louis	5580	5574	(-2609)	16' low
TD	5760	5757	(-2792)	--

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Zones of Interest and DST's  
(All measurements corrected to E-log measurements)

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Toronto 4128 - 4142

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Limestone, white, finely crystalline, chalky, cherty, tripolitic, weathered, good interfossil and vuggy porosity. No show.

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Lansing "B" 4196 - 4214

Dolomite, light buff, finely crystalline, fossiliferous with abundant loose fusulinids, good intercrystal porosity. No visible show. 162 unit gas increase.

Lansing "D" 4282 - 4304

Dolomite, buff to brown, finely crystalline, oolitic, oomoldic with variesized molds, good interoolitic and oomoldic porosity. No show.

Lansing "F" 4366 - 4410

Dolomite, buff to light brown, finely crystalline, sugary, oomoldic with big unlined molds, excellent intercrystal and oomoldic porosity. No show.

Lansing "G" 4446 - 4456

Dolomite, buff, finely crystalline, fossiliferous, clastic with abundant clear spherical medium grained sand, oomoldic, good interfragment and oomoldic porosity. No show.

Lansing "H" 4480 - 4490

Dolomite, light brown, finely crystalline, oomoldic with medium sized unlined molds, good intercrystal and oomoldic porosity. No show.

Lansing "I" 4528 - 4539

Dolomite, brown, finely crystalline, fossiliferous, oolitic with large coated oolites and medium lined molds, good intercrystal, interoolitic and oomoldic porosity. No show.

Kansas City "A" 4620 - 4632

Dolomite, light brown, finely crystalline, clastic, oolitic, oomoldic, good intercrystal and interfragment porosity, excellent oomoldic porosity. No show.

Kansas City "B" 4688 - 4700

Dolomite, brown, very fine to finely crystalline, oomoldic with medium unlined molds, good oomoldic porosity. No show.

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TOPEKA, KANSAS

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Kansas City "C" 4724 - 4730

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Dolomite, light buff, finely crystalline, clastic, fossiliferous, oolitic, oomoldic, good oomoldic porosity. No show.

Marmaton 4824 - 4832

Limestone, brown, very finely crystalline, fossiliferous with abundant brecciated fossils, oolitic, oomoldic, good interfossil and oomoldic porosity. No show.

Pawnee 4888 - 4896

Limestone, white, very finely crystalline, clastic, fossiliferous, chalky, poor to fair interfossil porosity. No show.

Morrow 5382 - 5389

Sand (small volume), gray, fine grained, sub-angular, clean, well sorted, soft and friable, poor to fair intergrain porosity; spotted dark brown stain, some gilsonite, slight show of free oil, no odor, very faint dull gold fluorescence, slow milky cut. 206 unit gas increase.

Drill Stem Test #1 5363 - 5406 (Morrow)  
Tool open 45 minutes.

Recovered: 20 feet of mud

IFP	55-55	15"
ISIP	55	30"
FFP	41-41	30"
FSIP	41	60"
HH	2606/2542	
BHT	118 degrees	

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Wichita, Kansas

**Remarks and Recommendations**

The objective Morrow sand was not developed in this well. There were no other significant shows of oil or gas. It was recommended that the test be plugged and abandoned as a dry hole.

Charles B. Spradlin  
November 29, 1993

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MAR 14 1996

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