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Geological Report
BEREXCO INC.
G&G #2-28
C NW/4 NW/4
Sec. 28-T30S-R41W
Stanton County, Kansas

KCC

SEP 16 1998

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Spud Date: 5/27/98
Comp Date: 6/8/98
Report Date: 6/9/98

Tops:

BEREXCO
G&G #2-28
C NW NW
Sec. 28-T30S-R41W
KB 3417

BEREXCO
Myrna Kay #1-28
60 ft/N of W NE SE
Sec. 28-T30S-R41W
KB 3393

	Sample	Log	Log
Marmaton	4208	4197 - 780	4170 - 777
Cherokee Fm.	4464	4446 - 1029	4427 - 1034
Morrow Fm.	4955	4951 - 1534	4922 - 1529
Upper Morrow Sdst	4994	4990 - 1573	Not present
Upper Morrow Sdst	5092	5085 - 1668	5064 - 1671
Blue Zn.	5236	5230 - 1813	5220 - 1829
Lower Morrow Sds	5270	5263 - 1846	5262 - 1869
St. Genevieve	5384	5372 - 1955	5380 - 1987
St. Louis	5399?	5418 - 2001	5450 - 2057
TD	5650	5652 - --	5614 - --

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Sample and Gas Shows of Significance and DST's:

There were no shows of oil and gas in the Lower Kansas City, Marmaton and Cherokee Formations.

Morrow Fm.

4951 - 780

Upper Morrow Sdst 4992 - 5008

Qtz. Sdst wht to tanish wht, v. fn to coarse gr; ang; prly sort; v abn loose qtz. grs, trs. sh. grs. IP's; trs. blk carb partings w/pyrite; trs. wht. clay filling; dul yel fluor; trs v. faint ring cuts; abn. pr. to fr. & trs. gd. micro p.p. to intergr. por. friable IP's; v. abn. loose qtz. grs.

Gas Increase 4992 - 5008

275 Total - 80 BG = 195 U. Increase

215 - C₁; 66 - C₂; 28 - C₃; 1 - IC₄; 3 - C₄

DST #1 U. Mor. Sdst 4974 - 5016

IO weak built to bottom bucket 7 min;

FO surface blow built to bottom of bucket 13 min

Rec. 1205 total fluid

130 ft. hvy wtr cut mud, 44% wtr, 56% mud

1075 gassy saltwtr, 3% gas, 97% wtr

0.15 Rw @ 45° F 82000 ppm Chl

Pit Chl 600 ppm

BHT 126° F

IHP 2365#

IFP 146-364# in 15 min

ISIP 1487# in 30 min

FFP 373 - 632# in 60 min

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FSIP 1492# in 120 min

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FHP 2344#

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Upper Morrow Sdst

5086 – 5096

Siltstn lt gry; sli to frly calc; micro-micacious trs blk mineral grs IP's; trs carb specks & partings; no fluor, no cut; sli trs poor micro – p.p. por

Gas Increase 5090 – 5096

185 Total – 52 BG = 133 U. Increase

126 – C₁; 56 – C₂; 24 – C₃; 1 – IC₄; 2 – C₄

Lower Morrow Sdst

5288 – 5299

Qtz sdst lt gry to lt tan; v fn to fn w/tr med gr ang; pr to fr sort; sli to frly glauc; silt filling IP's; sli calc IP's; hvy tr w/lt tan oil stn w/lt greenish yel fluor; strming cuts; hvy tr pr to fr micro – p.p. to inter gr por

Gas Increase 5288 – 5299

60 Total – 25 BG = 35 U. Increase

43 – C₁; 18 – C₂; 9 – C₃

5303 – 5310

Sdst similar 5288 – 5299 w/trs to abn lm grs; sli more med grs

Gas Increase 5303 – 5310

55 Total – 35 BG = 20 U Increase

33 – C₁; 16 – C₂; 7 – C₃

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5318 - 5323

Sdst similar 5288 - 5299 w/sli more lm grs and trs coarse grs

Gas Increase 5318 - 5323

90 Total - 30 BG = 60 U Increase

53 - C₁; 22 - C₂; 16 - C₃; 1 - IC₄; 2 - C₄

There were no shows of significance in the St. Genevieve or St. Louis in this well.

Remarks:

1. Sample log depths appear to be 4 feet low to E-log depths.
2. All zones of interest worthy of a test were tested.

Recommendation:

Although the Morrow zones 4992 - 5008, 5086 - 5096 and 5288 - 5323 had good shows they were either wet or impermeable. Therefore, it is recommended this well be plugged and abandoned.

Thank you,

Edwin H. Grieves
Geologist