

WELL FILE

JAN 31 2008

**BEREXCO, INC.
GILLBERG # 4
S/2 NENWNW SECTION 16 T11S-R19W
ELLIS COUNTY, KANSAS**

RECEIVED
KANSAS CORPORATION COMMISSION

APR 10 2008

CONSERVATION DIVISION
WICHITA, KS

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KCC

**GEOLOGIST
WILLIAM B. BYNOG**

RESUME

OPERATOR: BEREXCO, INC.

WELL NAME & NUMBER: GILLBERG # 4

LOCATION: S/2 NENWNW SECTION 16 T11S-R19W

COUNTY: ELLIS

STATE: KANSAS

SPUD DATE: 1-6-2008 COMPLETION DATE: 1-14-2008

ELEVATIONS: GL: 2050' KB: 2061'

CONTRACTOR: BEREDCO RIG 10

LOGS: LOG TECH TYPES: RAG & MEL
ENGINEER: WELLBROCK

WELLSITE ENGINEER: NONE

MUD COMPANY: ANDY'S MUD

MUD TYPE & ENGINEER: FRESH CHEMICAL: KURT WERTH

GEOLOGIST: *CONFIDENTIAL*
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HOLE SIZE: 7 7/8

MUD LOGGING BY: NONE

DRILL STEM TEST COMPANY: *TRILOBITE*
~~DIAMOND~~ TESTING

DRILL STEM TEST: DST #1 3220-42', DST#2 3320-90',
DST#3 3446-3500', DST#4 3506-3616'

WELL STATUS: SET PRODUCTION PIPE

SUMMARY AND CONCLUSION

Gillberg # 4 was drilled a total depth of 3616 feet testing the Lansing Kansas City, and Arbuckle Formations. Our primary objective was the Arbuckle Formation. Secondary objectives were the Lansing, and Marmaton Formations.

There were few shows in the upper section, starting with the Plattsmouth at 3226 feet. This zone was tested on drill stem test # 1 recovering only 6 inches of mud, very tight. There were numerous spotty shows in the Lansing B, C, D, F and G zones but all appeared to be tight. Drill stem test # 2 tested all these zones recovering only 6 feet of drilling mud with a scum of oil. The Lansing I, J and K zones all were tight with spotty sample shows. Drill stem test # 3 recovered only 2 feet of oil cut mud (2% oil).

The Arbuckle was associated with a good drilling break and samples indicated good porosity development and good even oil saturation in the upper 4 feet. Drill stem tests # 4 recovered 20 feet of clean oil, 60 feet of mud cut oil(60% oil), and another 60 feet of heavy oil cut mud (30% oil), no water.

Logs agreed with sample evaluation and drill stem tests. A decision was made to set pipe on the favorable Arbuckle drill stem test recovery and logs.

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BIT RECORD

Bit #	SIZE	MAKE	TYPE	DEPTH OUT	FOOTAGE	HOURS
1	12 ¼	VARREL		273	273	2.5
2	7 7/8	VARREL	CH20MS	3616	3343	74.5

DEVIATION RECORD

DEPTH	ANGLE
273	3/4
3342	1

DAILY CHRONOLOGY

DATE	DEPTH AT 7:00	FOOTAGE	REMARKS
1-6-2008	273	273	Spud, W.O.C.
1-7-2008	1362	1089	Drilling
1-8-2008	2107	745	Drilling
1-9-2008	2812	705	Drilling
1-10-2008	3230	418	Drilling
1-11-2008	3350	130	DST #1
1-12-2008	3437	87	DST #2
1-13-2008	3536	99	DST# 3
1-14-2008	3616	80	DST# 4, Logging

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FORMATION TOPS

FORMATION	DEPTH (LOGS)
STONE CORRAL	1390(+681)
TOPEKA	3042(-981)
35' ZONE	3070(-1009)
PLATTSMOUTH	3238(-1177)
HEEBNER	3262(-1201)
TORONTO	3284(-1223)
LANSING A	3304(-1243))
B ZONE	3336(-1275)
C ZONE	3354(-1293)
D ZONE	
E ZONE	3376(-1315)
G ZONE	3390(-1329)
H ZONE	3434(-1373)
I ZONE	3450(-1389)
J ZONE	3468(-1407)
K ZONE	3486(-1425)
L ZONE	3510(-1449)
BKC	3518(-1447)
MARMATON	3538(-1477)
ARBUCKLE	3616(-1555)

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LITHOLOGY

2900-40 Limestone buff, hard, chalky, poor porosity
2940-50 Shale gray, green, firm, argillaceous
2950-60 Limestone brown, hard, dense, pyrite nodules
2960-80 Shale as above
2980-3000 Limestone gray brown, hard, dense, chalky
3000-45 Shale gray green, firm

TOPEKA

3045-70 Limestone buff, hard, fossiliferous, dense, chalky

35' ZONE

3070-80 Limestone buff, firm, sandy, chalky, fossiliferous, poor to fair vuggy porosity, no show
3080-3120 Limestone cream, very hard, dense
3120-60 Limestone cream, firm, finely crystalline, fossiliferous, chalky, fair porosity, no show

3160-3225 Limestone cream, very hard, dense

PLATTSMOUTH

3225-30 Limestone cream, firm, chalky, fossiliferous, oolitic, poor to some fair porosity, spotty stain, good cut, good show free oil
3230-60 Limestone cream, very hard, dense

HEEBNER

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- 3260-80 Shale black, firm, carbonaceous
3280-90 Limestone cream, firm, chalky, poor porosity, dense
3290-3304 Shale red, green, firm, argillaceous

LANSING

- 3304-25 Limestone off white-cream, hard, dense, chalky, poor porosity, some Chert white
3325-40 Shale as above

B & C ZONE

- 3340-60 Limestone cream, hard, chalky, fossiliferous, poor porosity, very spotty stain, fair cut trace free oil

D ZONE

- 3360-70 Limestone cream, hard, oolitic, poor porosity, spotty stain, good cut
3370-80 Shale red, green, firm, argillaceous

G ZONE

- 3380-90 Limestone cream, hard, dense
3390-3400 Limestone cream, very hard, dense, trace dead asphalt stain, good cut
3400-10 Shale gray green, as above

- 3410-25 Limestone buff, hard, dense, trace dead asphalt stain, fair cut

- 3425-35 Shale as above

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H ZONE

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- 3435-50 Limestone buff, hard, dense, abundant Chert white

- 3450-60 Shale as above

I ZONE

- 3460-75 Limestone white, hard, chalky, oolitic, poor intercrystalline porosity, fair moldic porosity, spotty brown stain, good cut, fair show free oil

3475-85 Shale as above

K ZONE

3485-95 Limestone white, firm, chalky, oolitic, poor to fair intercrystalline porosity, some fair vuggy porosity, even brown stain, good cut, show free oil

3495-3510 Shale red, green, firm, argillaceous

3510-15 Limestone white, hard, dense

BKC

3515-40 Shale green, red, firm, waxy

MARMATON

3540-50 Limestone cream, very hard, chalky, dense, very spotty dead black asphalt stain, fair cut, abundant Chert white

3550-3600 Shale red, very soft, very argillaceous with thin interbedded Limestone as above, dead stain, good cut

3600-12 Sandstone clear, firm, medium to coarse grain, poorly sorted, sub angular, clay filled, poor porosity, even black stain, good cut, fair show free oil

ARBUCKLE

3612-16 Dolomite cream-buff, gray brown, hard, microsucrosic, fair to good intercrystalline porosity, fair to good vuggy porosity, even stain, good cut & odor, good show free oil

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