

36-14S-30W

KCC
JUL 05 2006
CONFIDENTIAL

**BEREN CORPORATION
COBERLY B #3
50'N OF CSENE SECTION 36 T14S-R30W
GOVE COUNTY, KANSAS**

RECEIVED
JUL 05 2006
KCC WICHITA

**GEOLOGIST
WILLIAM B. BYNOG**

RESUME

OPERATOR: BEREN CORPORATION.

WELL NAME & NUMBER: COBERLY B#3

LOCATION: 50'N OF CSENE SECTION
36 T14S-R30W

COUNTY: GOVE

STATE: KANSAS

SPUD DATE: 5-3-2006 COMPLETION DATE: 5-13-2006

ELEVATIONS: GL: 2656' KB: 2667'

CONTRACTOR: BEREDCO # 10

LOGS: LOG TECH TYPES: DIL, CNL, CDL & MICRO
ENGINEER: MIKE GARRISON

WELL SITE ENGINEER: NONE

MUD COMPANY: MUD CO., MUD

MUD TYPE & ENGINEER: FRESH CHEMICAL:

GEOLOGIST: WILLIAM BYNOG

HOLE SIZE: 7 7/8

MUD LOGGING BY: NONE

CORE INTERVALS: NONE

DRILL STEM TEST COMPANY: TRILOBITE TESTING

DRILL STEM TEST: DST#1 3752-90' DST#2 3870-3900' DST#3
3956-92' DST#4 4144-80' DST#5 4176-
4326'

WELL STATUS: PLUG & ABANDON

SUMMARY AND CONCLUSION

Coberly B #3 was drilled a total depth of 4390 feet testing the Lansing Kansas City carbonates our primary objective. The secondary objective was the Upper Pawnee Formation at 4190 feet. Structurally, Coberly B #3 came in flat to the surrounding productive wells on the Anhydrite top and remained flat through the Lansing Kansas City and Pawnee sections.

The Lansing C Zone at 3760 feet was our first hydrocarbon show with poor to some fair porosity development, spotty brown stain and a good cut. This zone was tested on Drill stem test # 1 recovering 745 feet of water, 60 feet of water cut mud and 10 feet of clean oil.

Drilling continued to the Lansing H Zone at 3886 feet with another fair hydrocarbon show. The H Zone is a Grainstone with poor to fair intercrystalline porosity, spotty to even brown stain and a good cut. Drill stem test # 2 on the H zone recovered only 5 feet of drilling mud with low pressures indication a tight reservoir.

The Kansas City I and J zones were dense Limestones with no visible porosity or hydrocarbon shows.

The Kansas City K zone at 3974 feet was a Grainstone with fair porosity, spotty to even brown stain, good cut and a good show of free oil. Drill stem test # 3 recovered only 5 feet of mud with poor pressures again indicating low permeability.

The Pawnee and Myrick Station were both poorly developed with very spotty brown stain and fair cuts. Both of these zones were tested on Drill Stem test # 4 and 5 with very poor results recovering only 5 feet of oil spotted mud on each test.

Logs agreed with sample evaluation and Drill stem test data recording poor porosity development and low pressures indicating low permeability or depletion. A decision was made to plug and abandon.

BIT RECORD

Bit #	SIZE	MAKE	TYPE	DEPTH OUT	FOOTAGE	HOURS
1	121/4	VAR		274	274	3
2	7 7/8	VAR	CH18	3790	3516	56
3	7 7/8	STC	FD	4390	600	36

DEVIATION RECORD

DEPTH	ANGLE
275	3/4
3790	1/2
4326	3/4

DAILY CHRONOLOGY

DATE	DEPTH AT 7:00	FOOTAGE	REMARKS
5-3-06	275	275	Spud, set surface
5-4-06	2000	1725	Drilling, survey
5-5-06	3000	1000	Drilling
5-6-06	3350	350	Drilling
5-7-06	3645	295	Drilling, DST#1
5-8-06	3790	145	Drilling
5-9-06	3900	210	DST #2
5-10-06	3992	92	DST #3
5-11-06	4180	188	DST #4
5-12-06	4326	146	DST#5
5-13-06	4390	64	Logging

FORMATION TOPS

FORMATION	DEPTH (LOGS)
ANHYDRITE	2086(+581)
BASE	2108(+559)
TOPEAKA	3452(-785)
HEEBNER	3678(-1011)
LANSING A	3712(-1045)
LANSING B	3744(-1077)
LANSING C	
LANSING D	
KANSAS CITY E	
KANSAS CITY F	3804(-1133)
KANSAS CITY G	
KANSAS CITY H	3886(-1219)
KANSAS CITY I	
KANSAS CITY J	3940(-1273)
KANSAS CITY K	3968(-1301)
KANSAS CITY L	4022(-1355)
BKC	4042(-1375)
MARMATON	4058(-1391)
PAWNEE	4148(-1483)
MYRICK STATION	4186(-1519)
FORT SCOTT	4212(-1545)
JOHNSON	4292(-1652)
MISS. LIME	4314(-1647)
MISS DOLOMITE	4348(-1681)
TOTAL DEPTH	4390(-1723)

BEREN CORP.
 Coberly B #3
 50' N of C, SE NE 36-14S-30W
 Gove County, KS

2683

Oil Oil D&A

Formation	Coberly B #3		Beren Corp.		Mid-States et al.		Energy Reserves Group	
	Sample Tops	Log Tops	Depth	Datum	Depth	Datum	Depth	Datum
Base Anhydrite	2111	556	2094	562	2120	557	2086	561
LKC "B"	3743	-1076	3736	-1080	3764	-1087	3724	-1077
LKC "F"	3799	-1132	3789	-1133	3823	-1146	3787	-1140
LKC "H"	3884	-1217	3874	-1218	3907	-1230	3874	-1227
Base LKC	4034	-1367	4024	-1368	4052	-1375	4018	-1371
Marmaton	4058	-1391	4048	-1392	4076	-1399	4043	-1396
Upper Pawnee	4149	-1482	4139	-1483	4166	-1489	4134	-1487
Myrick Station	4189	-1522	4179	-1523	4204	-1527	4171	-1524
Fort Scott	4214	-1547	4204	-1548	4230	-1553	4195	-1548
Johnson	4289	-1622	4280	-1624	4307	-1630	4270	-1623
Miss. Lime	4316	-1649	4318	-1662	4340	-1663	4297	-1650
Total Depth	4392	-1725	4365	-1709	4368	-1691	4407	-1760

LITHOLOGY

3640-75 Limestone cream, hard, microcrystalline, dense, poor porosity, abundant very chalky

3675-80 Shale black, hard, carbonaceous

3680-3700 Shale red, soft

TORONTO

3700-10 Limestone white, hard, dense, cryptocrystalline

3710-12 Shale as above

LANSING A ZONE

3712-40 Limestone white, hard, chalky, poor, microcrystalline, trace poor pin point porosity, no show, some **CHERT** white

3740-45 Shale as above

B ZONE

3745-50 Limestone cream, hard, microcrystalline, dense, poor porosity

3750-60 Shale as above

C ZONE

3760-64 Grainstone cream, firm, oolitic, poor-fair intergranular porosity, even brown stain, good cut, trace free oil

3764-90 Limestone white, cream, hard, chalky, poor porosity, no show

3790-3810 Limestone cream, very hard, dense, trace fossil oolites

F ZONE

3810-20 Limestone cream, firm, microcrystalline, chalky, poor porosity, microsucrosic texture, no show

3820-30 Shale gray, blue, firm, fissile

G ZONE

3820-35 Grainstone cream, hard, oocastic, fair porosity, abundant calcite crystal growth, good moldic porosity, no show

3835-70 Limestone gray, very hard, dense, some free CHERT gray, some pyrite

3870-84 Shale blue green, firm, waxy

H ZONE

3884-92 Grainstone white, firm-hard, oolitic, sucrosic texture, poor to some fair intergranular porosity, spotty to even brown stain, good cut

3892-3920 Limestone gray brown, very hard, dense

I ZONE

3920-30 Limestone cream, hard, chalky, some granular, poor porosity, no show

3930-40 Shale blue green, green, silty, calcareous

J ZONE

3940-50 Limestone white, firm, chalky, granular texture, oolites, some poor porosity, no show

3950-70 Shale black, firm, carbonaceous

K ZONE

3970-80 Grainstone white, firm, medium oolites, chalky, fair intergranular porosity, spotty-even brown stain, good cut, good odor, show free oil

3980-4000 Limestone cream, hard, dense, cryptocrystalline, chalky

4000-20 Shale as above

L ZONE

4020-40 Limestone cream, hard, dense, no show

BKC

4040-60 shale red, blue, soft, as above

MARMATON

4060-70 Limestone cream, hard, microcrystalline, chalky, some Chert white

4070-80 Shale as above

4080-4100 Limestone cream, very hard, dense, abundant Chert white

4100-30 Shale green, gray, red, firm, waxy

4130-40 Limestone cream, very hard, blocky, dense

4240-50 Limestone as above with trace dead black stain

4250-60 Shale as above

PAWNEE

4160-70 Limestone cream, hard, microcrystalline, chalky, poor porosity, very spotty brown stain, fair cut

4170-80 Limestone cream, very hard, dense, no show

4180-90 Shale black, firm, blocky, carbonaceous

MYRICK STATION

4190-4200 Limestone white, firm, sucrosic, poor-trace fair porosity, spotty-even brown stain, good cut, show free oil

4200-20 Shale black, green, firm, fissile, waxy

FORT SCOTT

4220-40 Limestone white, hard, microcrystalline, poor porosity, trace very spotty brown stain, weak cut

CHEROKEE

4240-50 Shale black, firm, fissile, carbonaceous

4250-70 Limestone white, hard, chalky, trace poor pin point porosity, very spotty brown stain, weak cut

4270-90 Limestone as above trace dead stain

JOHNSON

4290-4310 Limestone white, firm, microcrystalline, chalky, poor porosity, trace dead black stain

4310-20 Shale yellow, red, green, firm, fissile, calcareous

MISS LIME

4320-50 Limestone white, hard, cryptocrystalline, slightly fossiliferous, chalky, poor porosity, abundant CHERT white, orange

MISS. DOLOMITE

4350-60 Dolomite buff, firm, sucrosic, fair-good intercrystalline porosity, no show

4360-80 Dolomite light gray, hard, microcrystalline, dense, trace fossils, poor porosity, some CHERT white

4380-90 Dolomite buff, firm, sucrosic, fair-good porosity, no show