15-167-23489-0000

WELL FILE

BEREXCO, INC.
LEBOW UNIT # 9X
SWSWSENE SECTION 9 T11S-R15W
RUSSEL COUNTY, KANSAS

9 - 11 - 15W

GEOLOGIST
WILLIAM B. BYNOG

RESUME

OPERATOR:	BEREXCO, INC.
WELL NAME & NUMBER:	LEBOW #9X
LOCATION:	SWSWSENE SECTION 9 T11S-R15W
COUNTY:	RUSSEL
STATE:	KANSAS
SPUD DATE: 2-25-2008	COMPLETION DATE: 3-7-2008
ELEVATIONS:	GL: 1927' KB: 1938'
CONTRACTOR:	BEREDCO RIG 10
LOGS: LOG TECH	TYPES: DIL, CNL, CDL & MEL ENGINEER: TIM MARTIN
WELLSITE ENGINEER:	NONE
MUD COMPANY:	ANDY'S MUD
MUD TYPE & ENGINEER:	FRESH CHEMICAL: KURT WERTH
GEOLOGIST:	WILLIAM B.BYNOG
HOLE SIZE:	7 7/8
MUD LOGGING BY:	NONE
DRILL STEM TEST COMPANY:	TRILOBITE TESTING
DRILL STEM TEST:	DST #1 2780-2808, DST#2 2924-99, DST#3 3040-3122, DST#4 3216-70, DST#5 3340-3404, DST#6 3404-29, DST#7 3406-36, DST#8 3440-74
WELL STATUS:	

SUMMARY AND CONCLUSION

Lebow Unit # 9x was drilled a total depth of 3474 feet testing the Lansing Kansas City Carbonates and Arbuckle Dolomite Formations. Our primary objective was the Arbuckle Dolomite and secondary the Lansing Kansas City Carbonates.

There were abundant fair to good sample shows in the upper section including the 35 feet Topeka, Plattsmouth, Lansing Kansas City B, C, G, H, J and K zones. Some had fair to good porosity development and were tested with poor results, recovering only small amounts of oil cut mud or water. The upper 35' Topeka and Plattsmouth Formations had fair shut-in pressures but low flow pressures indicating tight reservoirs. The Lansing Kansas City Formations had low shut-in pressures indicating depletion from old production.

The Arbuckle at 3399 feet had good sample shows and was tested four times. The first test was 4 feet in, second test 30 feet in, third test 36 feet in and forth and last test 74 feet in from the top. The first three tests recovered only small amounts of oil cut mud indicating tight reservoirs. The final drill stem test # 8 recovered 2600 feet of muddy water, no shows.

Logs indicated the Lansing B, C, G, H, J and K zones to tight or depleted. The Arbuckle had poor to fair porosity development but not enough permeability in the upper oil column to warrant setting pipe. A decision was made to plug and abandon due to poor drill stem tests recoveries.

FORMATION TOPS

FORMATION	DEPTH (LOGS)
STONE CORRAL	1020(+918)
TOPEKA	2766(-828)
35' ZONE	2796(-858)
PLATTSMOUTH	2930(-1042)
HEEBNER	3017(-1079)
TORONTO	3038(-1100)
LANSING A	3070(-1128)
B ZONE	3094(-1156)
C ZONE	3110(-1172)
D ZONE	
E ZONE	3142(-1204)
F ZONE	3156(-1218)
G ZONE	3168(-1230)
H ZONE	3210(-1272)
I ZONE	3230(-1292)
J ZONE	3248(-1310)
K ZONE	3284(-1349)
L ZONE	3310(-1374)
BKC	3326(-1388)
MARMATON	3340(-1402)
CONGLOMERATE	3372(-1434)
ARBUCKLE	3400(-1462)

BIT RECORD

Bit #	SIZE	MAKE	TYPE	DEPTH OUT	FOOTAGE	HOURS
1	12 ¼	VARREL	CH20	273	373	3 ¾
1	7 7/8	VARREL	CH20MS	3340	3070	82
2	7 7/8	VARREL	CH20MS	3474	134	

DEVIATION RECORD

DEPTH	ANGLE
273	½

DAILY CHRONOLOGY

DATE	DEPTH AT 7:00	FOOTAGE	REMARKS
2-26-2008	273	273	Spud Well, set surface
2-27-2008	834	561	Drilling
2-28-2008	1950	1116	Drilling
2-29-2008	2700	750	Drilling
3-1-2008	2865	165	DST#1
3-2-2008	3015	50	DST#2
3-3-2008	3170	155	DST#3
3-4-2008	3280	110	DST#4
3-5-2008	3404	124	DST#5&6
3-6-2008	3436	32	DST#7
3-7-2008	3474	38	DST#8, Logging

LITHOLOGY

2400-50	Shale gray green, firm
2450-70	Limestone tan, hard, chalky, sandy, poor porosity, no show
2470-2550	Shale gray, green, soft
2550-70	Limestone tan, hard, sandy, chalky some Sandstone white, soft, very fine grain, clay filled, no show
2570-2610	Shale as above
2610-2700	Interbedded Limestone & Shale as above
2700-20	Limestone as above
2720-65	Shale as above
TOPEKA	
2765-90	Limestone buff, hard, fossiliferous, dense, chalky
35' ZONE	
2790-2805	Limestone buff, firm, chalky, sandy, fossiliferous, fair vuggy porosity, even brown stain, very good cut & odor, good show free oil
2805-15	Limestone cream to buff, very hard, dense
2815-30	Shale gray, gray green, firm,
2830-70	Limestone buff, firm, finely crystalline, fossiliferous, chalky, poor porosity, no show
2870-2900	Shale as above with thin Limestone tan, hard, dense
2900-10	Limestone white, firm, microcrystalline, chalky, poor to fair vuggy porosity, spotty to even stain, good cut & odor, good show free oil

2910-25	Limestone gray, very hard, dense
2925-30	Shale green, black, firm, carbonaceous
2930-50	Limestone cream, very hard, dense
2950-60	Limestone cream, firm, very chalky, poor to fair vuggy porosity, spotty to even stain, good cut & odor
2960-75	Limestone buff, hard, dense
PLATTSMOUTH	
2975-82	Limestone cream, firm, fossiliferous, chalky, poor-fair porosity, some fair vuggy porosity, spotty to even stain, good cut & odor, show free oil
2982-88	Limestone cream, very hard, dense
2988-96	Limestone buff, firm, fossiliferous, microsucrosic, chalky, fair porosity, even stain, very good cut & odor, fair show free oil
2996-3013	Limestone buff, hard, dense
HEEBNER	
3013-17	Shale black, firm, carbonaceous
3017-22	Limestone cream, firm, chalky, poor porosity, dense
3022-34	Shale red, green, firm, argillaceous
TORONTO	
3034-50	Limestone buff, hard, microcrystalline, poor porosity, very spotty stain, fair cut
3050-60	Shale as above
LANSING	
3060-70	Limestone off white-cream, hard, dense, chalky, poor porosity, some very spotty dead stain, poor cut
3070-90	Shale gray, green, firm, fiss
B ZONE	

3090-95	Limestone white, firm, fossiliferous, microcrystalline, poor to fair porosity, spotty to even stain, good cut & odor
3095-3105	Limestone cream, hard, dense
3105-10	Shale red, soft, argillaceous
C ZONE	
3110-15	Limestone cream, hard, dense
3115-30	Limestone white, hard, oolitic, poor vuggy porosity, spotty stain, good cut
3130-40	Shale as above
3140-50	Limestone gray, hard, dense
3150-55	Shale as above
F ZONE	
3155-65	Limestone as above
G ZONE	
3165-70	Limestone cream, firm, slightly oolitic, chalky, poor to fair moldic porosity, spotty faint stain, poor cut
3170-80	Limestone white-cream, very hard, dense
3180-90	Limestone white, firm, chalky, poor vuggy porosity, spotty stain, fair cut
3190-3204	Shale gray green, as above
H ZONE	
3204-10	Limestone cream, white, chalky, oolitic fossiliferous, poor porosity, spotty stain, fair cut
3210-20	Limestone buff-tan, hard, dense
3220-26	Shale as above
I ZONE	

3226-35	Limestone white-pale gray, very hard, fossiliferous, fair vuggy porosity, spotty to even stain, good cut & odor, show free oil
3235-42	Shale as above
J ZONE	
3242-46	Limestone white, firm, chalky, oolitic, microcrystalline, poor porosity, spotty to even stain, good cut & odor
3246-52	Limestone cream, very hard, dense
3252-60	Limestone white, hard, chalky, oolitic, poor to some fair vuggy porosity, spotty to even stain, good cut & odor, show free oil
3260-70	Limestone cream, hard, dense
3270-80	Shale as above
K ZONE	
3280-95	Limestone cream, hard, dense, trace poor vuggy porosity, spotty stain, fair cut, show free oil
3295-3300	Shale red, green, firm, argillaceous
L ZONE	
3300-10	Limestone cream, very hard, microcrystalline, poor vuggy porosity, even stain, fair cut & odor
BKC	
3310-30	Shale green, red, firm, waxy
MARMATON	
3330-45	Limestone white, cream, hard, dense
3345-70	Shale red, green, very soft, very argillaceous with thin interbedded Limestone as
3370-90	Limestone white, hard, chalky, poor porosity, some Chert white
3390-94	Shale blue, yellow, firm, waxy, abundant Chert as above

3394-3400	Sandstone brown, hard, very fine grain, dense calcite cement, poor porosity, even stain, good cut & odor

ARBUCKLE

3400-05	Dolomite buff, firm, microsucrosic, poor to fair intercrystalline porosity & vuggy porosity, even stain, good cut & odor, good show free oil
3405-16	Dolomite buff, hard, dense, poor porosity, even stain, good cut & odor, trace free oil
3416-34	Dolomite buff, firm, microsucrosic, poor to fair vuggy porosity, even stain, good cut & odor, good show free oil
3432-50	Dolomite buff, hard, dense, trace poor vuggy porosity, spotty stain, good cut
3450-74	Dolomite buff, hard, microsucrosic, fair porosity, very spotty stain, good cut, abundant Chert white