3-16s-25w

15-135-24576

APR 0 3 2007

BEREXCO, INC.
HAROLD # 4
W2 NWSW SECTION 3 T16S-R25W
NESS COUNTY, KANSAS

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 15 2007

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIST
WILLIAM B. BYNOG

RESUME

OPERATOR:	BEREXCO INC.
WELL NAME & NUMBER:	HAROLD #4
LOCATION:	NWSENE SECTION 3 T16S-R25W
COUNTY:	NESS
STATE:	KANSAS
SPUD DATE: 2-28-2007	COMPLETION DATE: 3-7-2007
ELEVATIONS:	GL: 2546' KB: 2557'
CONTRACTOR:	BEREDCO RIG 10
LOGS: LOG TECH	TYPES: RAG, MICROLOG ENGINEER: T.MARTIN
WELLSITE ENGINEER:	JEREMY ENSZ
MUD COMPANY:	MUDCO
MUD TYPE & ENGINEER:	FRESH CHEMICAL, JODY DIETZ
GEOLOGIST:	WILLIAM B.BYNOG
HOLE SIZE:	7 7/8
MUD LOGGING BY:	NONE
DRILL STEM TEST COMPANY:	TRILOBITE TESTING
DRILL STEM TEST:	DST#1 4380-4424, DST#2 4500-4515
WELL STATUS:	SET PRODUCTION CASING

SUMMARY AND CONCLUSION

Harold #4 was drilled to a total depth of 4515 feet testing the Lansing Kansas City, Marmaton, Pawnee, Fort Scott, Cherokee and Mississippian Formations. Harold #4 was a western offset to Ness T Field in Ness County, Kansas. Our major objectives were the Lansing Kansas City and Mississippian Formations. Secondary objectives were the Cherokee and Fort Scott Formations.

The Lansing Kansas City Formation came in low to prognosis but six feet high to our closest producer Harold # 3, however the section thicken and the Mississippian came in four feet low but still managed to make a productive well.

There were no hydrocarbon shows recorded in the entire Lansing Kansas City section.

The Fort Scott Formation had a very minor show at 4410-14 feet and was tested on drill stem test # 1 recovering only 2 feet of mud with a show of oil in top of tool. Drilling continued to the Mississippian formation our major objective.

The Mississippian Dolomite at 4504 had a very good show with good porosity development and even oil saturation. Drill stem test # 2 recovered 340 feet gas in pipe, 140 feet clean oil (39 gravity) and 60 feet of mud cut oil (47% oil). Drill stem test #2 pressure data was surprising with higher pressures than anticipated, especially in an old Field.

Logs agreed with sample evaluation recording good porosity development in the Mississippian and good micro log response indicating a permeable reservoir. A decision was made to run 5 ½ production casing on the good Mississippian drill stem test.

FORMATION TOPS

FORMATION	DEPTH (LOGS)
STONE CORRAL	1956(+601
BASE	1992(+565)
TOPEAKA	3592(-1035)
HEEBNER	3850(-1293)
LANSING A	3890(-1333)
BKC	4194(-1637)
PAWNEE	4314(-1757)
FORT SCOTT	4394(-1837)
CHEROKEE SHALE	4420(-1863)
MISSISSIPPI LIME	4494(-1937)
MISSISSIPPI DOLOMITE	4504(-19470

BIT RECORD

Bit #	SIZE	MAKE	TYPE	DEPTH OUT	FOOTAGE	HOURS
1	12 ¼	VARREL	CHIS63	373	373	2
2	7 7/8	VARREL	CH20	4424	4051	79 ½
2	7 7/8	VARREL	CH29	4515	89	34

DEVIATION RECORD

DEPTH	ANGLE
4424	1

DAILY CHRONOLOGY

DATE	DEPTH AT 7:00	FOOTAGE	REMARKS
2-28-07	373	373	Set surface, WOC
3-1-07	842	469	Drilling
3-2-07	2573	1731	Drilling
3-3-07	3450	877	Drilling
3-4-07	4140	690	Drilling
3-5-07	4424	284	Circ. Samples, DST#1
3-6-07	4515	91	Circ. Samples, DST#2
3-7-07	4515	0	Logging

LITHOLOGY

HEEBNER

3850-60	Shale black, firm, carbonaceous
3860-70	Shale gray, gray green, soft
3870-3890	Limestone white, tan, hard, chalky, poor porosity, dense, no show, abundant Chert white

LANSING A ZONE

3890-3930	Limestone white, firm, chalky, slightly fossiliferous, fair porosity, no show
3930-50	Shale as above
3950-60	Limestone buff, firm, microsucrosic, oolitic, fair porosity, no show
3960-75	Shale gray, green, firm
3975-4010	Limestone as above poor porosity, no show
4010-20	Limestone white, firm, chalky, oolitic, fair porosity, no show
4020-40	Limestone white, hard, chalky, dense, poor porosity, no show
4040-50	Shale gray, green, as above
4050-70	Limestone as above, dense
4070-90	Limestone buff, firm, microsucrosic, oolitic, fair porosity, no show
4090-4100	Limestone white, hard, dense
4100-20	Grainstone gray brown, firm, very oolitic, good moldic porosity, no show
4120-40	Shale gray, green, firm

4140-70	Limestone tan, very hard, dense
4170-80	Shale as above
4180-90	Limestone tan, buff, hard, dense
BKC	
4190-4210	Shale gray, green, firm, fissile
4210-4260	Limestone & Shale interbedded
MARMATON	
4260-4314	Limestone white, very hard, dense, some thin interbedded Shale as above
PAWNEE	
4314-90	Limestone gray, very hard, dense, chalky, abundant Chert white
4390-95	Shale as above
FORT SCOTT	
4395-4410	Limestone cream, hard, cryptocrystalline, no show
4410-15	Limestone cream, hard, microcrystalline, poor porosity, trace faint brown stain, very weak cut
4415-20	Limestone as above, no show
CHEROKEE SHALE	
4420-30	Shale black, hard, carbonaceous
4430-70	Shale as above with interbedded Limestone as above
CONGLOMERATE	
4470-95	Chert orange, white, with very thin interbedded Limestone as above
MISSISSIPPIAN LIME	
4495-4504	Limestone tan, very hard, dense, no show

MISSISSIPPIAN DOLOMITE

4504-15 Dolomite light gray, buff, firm, microsucrosic, fair intercrystalline porosity, good vuggy porosity, even brown stain & bright yellow fluorescence, very good cut and odor