DRILLERS LOG

API NO: 15 - 031 - 23367 - 00 - 00

OPERATOR: COLT ENERGY, INC

ADDRESS: P.O. BOX 388, IOLA, KS 66749

WELL #: K 11 LEASE NAME: GLEUE TRUST, E&I (852)

S. 36 T. 22 R. 16 E. W.

LOCATION: SW NE SW SE

COUNTY: COFFEY

ELEV. GR.: 1008

DF: KB:

FOOTAGE LOCATION: 825 FEET FROM (N) (S) LINE 1815 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX ASHLOCK

SPUD DATE: 11/15/2012

TOTAL DEPTH: 1072 P.B.T.D.

DATE COMPLETED: 11/21/2012

OIL PURCHASER: COFFEYVILLE RESOURCES

CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (in O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.2500	8.6250	29	42.50	OWC	35	SERVICE COMPANY
PRODUCTION:	6.75	4.5	10.5	1059	OWC		SERVICE COMPANY

WELL LOG

CORES: #1 - 958 - 972

RAN:

RECOVERED:

ACTUAL CORING TIME:

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	15
SAND & GRAVEL	15	30
SHALE	30	187
LIME	187	232
SHALE	232	234
LIME	234	236
SHALE	236	294
LIME	294	328
SHALE	328	334
LIME	334	343
SHALE	343	346
LIME	346	350
SHALE	350	355
LIME	355	405
SHALE	405	420
RED BED	420	430
SHALE	430	440
LIME	440	442
SHALE	442	460
KC LIME	460	518
SHALE	518	524
KC LIME	524	550
SHALE	550	556
KC LIME	556	574
BIG SHALE	574	742
LIME	742	744
SAND & SHALE	744	766
LIME	766	775
SHALE	775	782
SAND & LIME SHOW OIL	782	788
SHALE	788	806
LIME	806	810
SAND & SHALE	810	828
LIME	828	830
SHALE	830	836
LIME	836	844
SHALE	844	864
LIME	864	868
SAND & SHALE	868	883
LIME	883	884

FORMATION	TOP	BOTTOM
SHALE	884	886
LIME	886	887
SAND & SHALE	887	904
LIME	904	911
SHALE	911	919
LIME	919	922
SAND & SHALE	922	954
CAP LIME	954	957
SHALE	957	960
CAP LIME	960	962
SHALE & SAND	962	963
SAND & SHALE OIL	963	968
SAND & SHALE	968	972
SHALE	972	1072 T.D.