DRILLERS LOG

API NO: 15 - 031 - 23366 - 00 - 00

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

OPERATOR: COLT ENERGY, INC

LOCATION: SE NE SE SW

COUNTY: COFFEY

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

ELEV. GR.: 1009

DF: KB:

WELL #: K8 - i LEASE NAME: GLEUE TRUST, E&I (852)

FOOTAGE LOCATION: 825 FEET FROM (N) (S) LINE 2475 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY GEOLOGIST: REX ASHLOCK

SPUD DATE: 11/8/2012 TOTAL DEPTH: 1070 P.B.T.D.

DATE COMPLETED: 11/13/2012 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	28	42.60	OWC	35	SERVICE COMPANY
PRODUCTION:	6.75	4.5	10.5	1058	OWC	119	SERVICE COMPANY

WELL LOG

CORES: #1 - 968 - 978 RAN:

RECOVERED:

ACTUAL CORING TIME:

FORMATION	TOP	BOTTOM
TOP SOIL	0	4
CLAY	4	28
SAND & GRAVEL	28	38
LIME	38	39
SHALE	39	197
LIME	197	212
SAND & LIME	212	254
SHALE	254	278
LIME	278	279
SHALE	279	310
LIME	310	332
SHALE	332	339
LIME	339	346
SHALE	346	357
LIME	357	422
SHALE	422	425
LIME	425	427
SHALE	427	436
RED BED	436	446
SHALE	446	452
LIME	452	454
SHALE	454	477
KC LIME	477	531
SHALE	531	533
LIME	533	534
SHALE	534	537
LIME	537	539
SHALE	539	540
LIME	540	562
SHALE	562	567
LIME	567	589
BIG SHALE	589	600
LIME	600	601
SHALE	601	754
LIME	754	759
SHALE	759	760
SHALE & LIME	760	768
SHALE	768	778
LIME	778	787
SHALE	787	789
SHALE & SAND	789	794

FORMATION	TOP	BOTTOM
LIME	794	798
SAND & SHALE	798	845
LIME	845	851
SAND & SHALE	851	872
LIME	872	876
SHALE	876	889
LIME	889	896
SHALE	896	916
LIME	916	920
SHALE	920	926
LIME	926	929
SHALE	929	966
CAP LIME	966	967
SHALE	967	968
SAND & SHALE OIL,	968	971
SAND & SHALE	971	1070 T.D.