DRILLERS LOG

API NO: 15 - 001 - 30527 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: KD2 LEASE NAME: KIRK

S. 9 T. 24 R. 18 E. W.

LOCATION: SW SE

COUNTY: ALLEN

ELEV. GR.: 997

DF: KB:

FOOTAGE LOCATION: 660 FEET FROM (N) (S) LINE 1980 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX ASHLOCK

SPUD DATE: 2/15/2013

TOTAL DEPTH: 911 P.B.T.D.

DATE COMPLETED: 2/19/2013

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	22	23.50	I	10	SERVICE COMPANY
PRODUCTION:	6.7500	4.5	10.5	910	OWC	110	SERVICE COMPANY

WELL LOG

CORES: # RAN:

RECOVERED:

ACTUAL CORING TIME:

FORMATION	TOP	BOTTOM
TOP SOIL	0	1
LIME	1	7
SHALE	7	18
LIME	18	22
SHALE	22	24
LIME	24	25
SHALE	25	30
LIME	30	32
SHALE	32	94
LIME	94	132
SHALE	132	158
LIME	158	169
SHALE	169	207
KC LIME	207	297
SHALE	297	300
LIME	300	311
SHALE	311	313
LIME	313	318
SHALE	318	320
LIME	320	326
SHALE	326	494
LIME	494	507
SAND & SHALE	507	519
LIME	519	527
SHALE	527	584
LIME	584	586
SHALE	586	592
LIME & SHALE	592	603
LIME	603	609
SHALE	609	616
LIME	616	620
SAND & SHALE	620	634
LIME	634	638
SHALE	638	658
LIME	658	666
SAND & SHALE	666	668
LIME & SHALE	668	671
BLACK SHALE	671	676
LIME	676	679
BLACK SHALE	679	691
SHALE	691	700
SAND GAS ODOR	700	713

FORMATION	TOP	BOTTOM
SHALE	713	715
LIME	715	736
SHALE	736	739
LIME	739	765
SHALE	765	808
SHALE & SAND	808	855
SAND & SHALE	855	866
SHALE	866	869
COAL & SHALE	869	877
SHALE	877	879
COAL & SHALE	879	893
SHALE	893	900
SAND & SHALE	900	905
SAND	905	910
SAND & SHALE ODOR	910	911 T.D.