DRILLERS LOG

API NO: 15 - 001 - 30117 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: D-1 LEASE NAME: CLINE

S. 16 T. 24 R. 18 E. W.

LOCATION: NE NE NE NE

COUNTY: ALLEN

ELEV. GR.: 969

DF: KB:

SCANNED

FOOTAGE LOCATION: 165 FEET FROM (N) (S) LINE 165 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX ASHLOCK

SPUD DATE: 12/9/2010

TOTAL DEPTH: 872 P.B.T.D.

DATE COMPLETED: 12/15/2010

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 ¼	8 5/8	28	34.25	I	7	SERVICE COMPANY
PRODUCTION:	6.75	4.5	10.5	871	THICK SET OWC	94	SERVICE COMPANY

WELL LOG

CORES: #

RECOVERED:

ACTUAL CORING TIME:

RAN:

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	8
GRAVEL	8	12
SHALE	12	15
LIME	15	19
SHALE	19	32
LIME	32	45
SHALE	45	46
LIME	46	83
SHALE	83	98
LIME	98	100
SHALE	100	111
LIME & SAND	111	118
SHALE	118	164
KC LIME	164	224
SHALE	224	227
LIME	227	235
SHALE	235	239
LIME	239	255
SHALE	255	258
LIME	258	276
SHALE	276	278
LIME	278	282
SHALE	282	419
SAND & SHALE	419	426
WET SAND	426	443
SHALE	443	451
LIME	451	457
LIME & SHALE	457	467
SHALE	467	469
LIME	469	482
WET SAND	482	498
SAND & SHALE	498	551
SAND	551	558
SHALE	558	565
LIME	565	570
SHALE	570	579
LIME	579	584
SHALE	584	599
LIME	599	601
SHALE	601	608

FORMATION	TOP	BOTTOM
SAND & LIME	608	616
SHALE	616	618
SAND & LIME	618	620
LIME	620	627
SHALE	627	628
LIME	628	631
SHALE	632	637
LIME	637	640
SHALE	640	676
LIME	676	677
SHALE	677	700
LIME	700	706
SAND & SHALE	706	770
BLACK SHALE	770	772
SAND & SHALE	772	784
LIME	784	785
SAND & SHALE	785	819
LIME	819	820
BLACK SHALE	820	822
SHALE	822	849
LIME	849	850
SAND	850	869
SAND & SHALE	869	872 T.D.