DRILLERS LOG

API NO: 15 - 001 - 30842 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: E - 1 LEASE NAME: CLINE

FOOTAGE LOCATION: 525 FEET FROM (N) (S) LINE 270 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 6/19/2014

DATE COMPLETED: 6/24/2014

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

LOCATION: SE NE NE NE

COUNTY: ALLEN

ELEV. GR.: 956

DF: KB:

GEOLOGIST: REX ASHLOCK

TOTAL DEPTH: 990 P.B.T.D.

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

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	20	I	10	SERVICE COMPANY
PRODUCTION:	6.7500	4.5	10.5	985.65	OWC	132	ELITE

WELL LOG

CORES: #1 - 857 - 882

RECOVERED: 5 ft

ACTUAL CORING TIME:

RAN: 1 - 5ft FLOATSHOE
4 - CENTRALIZERS
1 - CLAMP

USE: 1 GALLON POLY PLUS

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	7
GRAVEL	7	14
CLAY	14	16
LIME	16	18
SHALE	18	31
LIME	31	32
SHALE	32	36
LIME	36	81
SHALE	81	109
LIME	109	117
SHALE	117	161
KC LIME	161	220
STARK SHALE	220	225
KC LIME	225	250
HUSHPUCKNEY SHALE	250	255
KC LIME	255	279
SAND & SHALE	279	449
LIME	449	457
SAND & SHALE	457	471
LIME	471	478
SAND & SHALE	478	563
LIME	563	578
SHALE	578	591
LIME	591	626
SHALE	626	627
LIME	627	633
SHALE	633	637
SAND & SHALE	637	669
LIME	669	671
SHALE	671	693
LIME & SHALE	693	696
SAND & SHALE	696	763
SHALE & SAND	763	811
SHALE & COAL	811	813
SAND	813	826
SHALE & COAL	826	828
SHALE	828	846
SAND & SHALE	846	853
HARD SAND	853	855
SAND	855	857

FORMATION	TOP	BOTTOM
OIL SAND	857	900
WATER SAND	900	990 T.D.