DRILLERS LOG

API NO: 15 - 001 - 30848 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: GH - 3 LEASE NAME: CLINE

FOOTAGE LOCATION: 1330 FEET FROM (N) (S) LINE 950 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 5/23/2014

DATE COMPLETED: 5/28/2014

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

LOCATION: NE NW SE NE

COUNTY: ALLEN

ELEV. GR.: 951

DF: KB:

GEOLOGIST: JIM STEGMAN

TOTAL DEPTH: 1000 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	22.30	I	10	CEMENTED BY RIG
PRODUCTION:	6.7500	4.5	10.5	988	OWC	121	ELITE

WELL LOG

CORES: #1 - 870 - 895

RECOVERED: 12

ACTUAL CORING TIME:

RAN: 4 - CENTRALIZERS
1 - 5ft FLOAT SHOE
1 - CLAMP

USE: 1.5 - GALLONS POLY PLUS

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	10
SHALE	10	15
GRAVEL	15	21
LIME	21	24
SHALE	24	26
LIME	26	28
SHALE	28	30
LIME	30	72
SAND & SHALE	72	78
SAND & LIME & SHALE	78	99
LIME	99	106
SHALE	106	147
LIME	147	212
SHALE	212	216
LIME	216	242
SHALE	242	246
LIME	246	263
SHALE	263	265
LIME	265	270
SHALE	270	292
SAND & SHALE	292	451
LIME	451	474
SAND & SHALE	474	508
LIME	508	510
SAND & SHALE	510	538
LIME	538	542
SAND & SHALE	542	550
LIME	550	558
SAND & SHALE	558	564
LIME	564	567
SAND & SHALE	567	579
LIME	579	611
SHALE	611	615
LIME	615	618
SAND & SHALE	618	658
LIME	658	660
SHALE	660	684
LIME	684	685
SAND & SHALE	685	700
SHALE	700	752

FORMATION	TOP	BOTTOM
SAND & SHALE	752	778
SAND & SHALE ODOR	778	868
OIL SAND	868	920
WATER SAND	920	1000 T.D.