DRILLERS LOG

API NO: 15 - 001 - 30845 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: FG - 3 LEASE NAME: CLINE

FOOTAGE LOCATION: ~~780~~ 1030 FEET FROM (N) (S) LINE ~~1030~~ 780 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 6/27/2014

DATE COMPLETED: 7/1/2014

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

LOCATION: NW SW NE NE

COUNTY: ALLEN

ELEV. GR.: 953

DF: KB:

GEOLOGIST: JIM STEGMAN

TOTAL DEPTH: 1020 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	24	I	10	
PRODUCTION:	6.7500	4.5	10.5	997	OWC	138	ELITE

WELL LOG

CORES: #1 - 886 - 896

RECOVERED:

ACTUAL CORING TIME:

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

USE: 1 GALLON POLY PLUS

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	13
GRAVEL	13	20
SHALE	20	22
LIME	22	29
SHALE	29	31
LIME	31	72
SHALE	72	98
LIME	98	108
SHALE	108	151
KC LIME	151	212
SHALE	212	216
KC LIME	216	251
SHALE	251	255
KC LIME	255	268
SHALE	268	417
SAND & SHALE	417	433
LIME	433	451
SHALE	451	453
LIME	453	454
SHALE	454	464
LIME	464	471
SAND & SHALE	471	541
LIME	541	543
SHALE	543	550
LIME	550	553
SHALE & LIME	553	571
SHALE	571	586
LIME	586	625
SAND & SHALE	625	663
FIRST LIME	663	665
SHALE	665	688
SECOND LIME	688	689
SAND & SHALE	689	757
LIME	757	759
SAND & SHALE	759	864
OIL SAND	864	900
SAND	900	983
SAND & SHALE	983	1020 T.D.

FORMATION	TOP	BOTTOM